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What does Jeff do when he's not wandering the CGW hallways, muttering to himself? He writes incoherent editorials. Tough life, huh?

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Holy hardware, Batman! This month we sit your ass in the demo room to see the **Unreal 3** engine demo in action. Next, we put you ringside as **ATI** and **Nvidia** square off for the title of baddest graphics on the block. Last but not least, watch as **Darren** gets his ass kicked by **Tiger Woods**. Check it out—and a whole lot more—in this month's Radar.

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# Meet UP @ 1UP.com

The all-new 1UP is here, and it's exploding with new features! We've still got all of that great daily content you've come to know and love, but we're now the first-ever destination for gamers to meet, play, get informed, and show off.

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#### DAN'S DUP JOURNAL

My day at the office

Some of you might think that I'd have to make sure you have good internet and only desktop? In reality, the office is a mess. The kinds of things you get to do are not what you think. The office is a mess. The kinds of things you get to do are not what you think. The office is a mess. The kinds of things you get to do are not what you think.



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## Staff changes

**Subject:** Tracy Espeleta, your new editor-in-chief.

She is one mighty sexy nerd! I demand you to make Tracy Espeleta your new editor-in-chief (shove the Green man, old Jeff, back to his old cubicle

so he could produce more Greenspeak and be useful again) and have a 50-page swimsuit exclusive of her in swimsuits in every issue from now on.

Dans who? Dans Moveover is what your readers will be calling that traitor from now on. And Tracy is the only solution to recovering the readers you've lost from losing Scooter.

Now, I demand you to do as I say. Or I will not read any ads in your magazine to protest!

DK

Try as we might, we couldn't get Tracy to agree to the layout. Or the job. Or to answer our phone calls. But, in an effort to soothe your troubled, stalking soul, another Nerd Herder has nobly pitched in to help you out. Enjoy!

## Beats being raised by wolves, but not by much

Now gather round, boys (Robert, Darren, Wil, Ryan, Ken, Rob, Michael) and girls (Kristen and Jeff), as I tell the story of my humble upbringing.

It all began one fateful day at the Milwaukee airport. Being a giddy young boy, I needed something to occupy me during the flight. I begged my mom for some money, so she forked over 10 dollars. That 10-dollar bill burned a hole in my pocket within seconds, so I needed to find something to waste it on. I ran into the closest shop, a little magazine store. I began scanning the shelves for something that looked interesting, but I couldn't seem to find anything. Nothing seemed to catch my eye until I spotted a CGW resting on the far side of the bottom shelf. On the cover was a picture of a Nazi from RTCW spraying fire from his flamethrower. I instantly snatched up that magazine and bought it.

## Questionable Decision Exploited By Publication

**I**nd the selection of nerds in the herd you've rustled to generally be pathetic wannabes. I would consider very few of them to actually be considered gaming geeks when the first game they played was Quake. The only one I've seen so far worthy of the title is the Ultima on Apple II player.

I've been PC gaming since before TRS-80 Mod I and Commodore Pet 2001 when you had to type the source code and sometimes hex from magazines. As for MORPG, I bet none of your readers has ever played Oublette on PLATO (complete with first person graphics). Ah!, the late nights and missed morning classes.

Whomever truly considers themselves a Nerd or Geek should be able to back-up that claim. How fer would you go to show your colors? I would like to be the first submission in a CGW Nerd Tattoo contest. I am proud to wear this as a testament to my hard-core geekness. Any other contestants out there?

Ford Charlot



And so began my second life as a gamer, born and raised by the editors of CGW. Soon after buying my first CGW, I got a subscription. I was too young to understand your jokes back then, but I still loved your magazine. I grew up reading your magazine, so my life was profoundly affected when the magazine would change. When Jeff Green took the spot of George Jones as editor-in-chief, it was like having my father move away and get replaced by my new stepdad. Whenever you would change the look of the magazine, it was like moving into a new house in the times of Canadian Corner. It was like having my parents constantly insulting Jean-Louis, the new foreign exchange student from Quebec. When new people joined the staff at CGW, it was like having little brothers and sisters being born. And life, of course, must always end in death. So the night I learned Scooter was leaving CGW, I cried myself to sleep and fell into a deep depression. It was like having a brother die. I just wanted to let you know the impact you've had on my life and the

way you've seemed to shape me into a funner, geekier, more secluded man than I ever could have dreamed of. And to this day, I have a hole in my heart where Scooter once was that no person can ever fill.

Brett Alexander Smith

Your letter has touched and moved us, Brett. Welcome to the family. And as for that hole in your heart, we recommend stuffing it with a flatful of bacon. ☺



## Mail Bites

The descent of Valve from a respected and competent developer into a squallid mess of ineptitude is a sad event indeed. It can be likened to the fall of the Roman Empire or the collapse of the Soviet Union.

—Cory "I Lack Perspective" Potts

Do you want bigger boobs?

—Natasha Fair





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### cZuma—getting wives of gamers' backs for almost a year

My husband subscribes to *Computer Gaming World*. He readily admits that he is an überdork! I have to say that I enjoy the magazine because I live and die by sarcasm's razor's edge, but I am not a big gamer. My 5-year-old son is more knowledgeable. You could only imagine my surprise when my husband handed me this month's issue and told me I had to read this article, "C'mon and Zuma, Zuma, Zoom!" (CGW, April 2004). He went to bed, and I read while watching *Queer Eye*. I got a couple of paragraphs in and just about died. This article was about me. I am totally addicted to this game, it is horrible. I have considered having my husband remove it from our system. But, I am stuck on level eight. If I could just get to level nine...maybe then I could walk away. Even worse is that there is an article in CGW about me. I am a stay-at-home, PTA, soccer-mom type; for God's sake, I was a cheerleader in high school. My burning passions should be something else...not a frog and bocce balls!

Thanks for your time! Again, I must say that while I'm not a gamer, I still appreciate the humor of CGW and how perfectly it reflects my husband.

Nicki

I went home and had my wife get on this game last night. She neglected our daughter and myself for about two hours, highly uncharacteristic of her. Being an avid gamer myself, married to a woman who pretty much turns her nose up at the pastime...it was refreshing and a relief to have her get sucked in. Thanks,

Ron Goodrich



### Now we can die happy

Just a note to say that I have enjoyed your mag the last several months I had written a lengthy e-mail complaining

about long previews raving about a game, which are later contradicted by a review giving a game 60-70 percent because of flaws or bugs or whatever. I like the shorter previews and more full-page reviews. Previews should be short and to the point. Reviews should be detailed and lengthy. I also enjoy the letters and hardware sections, but the reviews are the main attraction.

Just my opinion, but I thought you might like to hear good news for once or just know that I am still reading.

Darth Null

What a tremendous, tremendous relief. Thank you, Darth, thank you so very very much. You complete me.!

### Girl gamer types with hammers!

LET ME JUST SAY FIRST THAT I LOVE YOUR ARTICLES! MY HUSBAND SUBSCRIBES TO YOUR MAGAZINE HE IS A COMPUTER GAMING JUNKY! HE CAN'T GET ENOUGH, AND \$50 FOR A NEW GAME SEEMS FINE TO HIM. HE READS YOUR MAGAZINE METICULOUSLY, MAKING SURE HE MARKS HIS PAGE AND NO ONE BETTER LOSE IT. I, ON THE OTHER HAND, LOVE MY LAPTOP, AND THE ONLY GAME THAT I REALLY LOVE IS OUTPOST AND OUTPOST 2. UNFORTUNATELY, WHEN MY HUSBAND STEPPED ON MY OLD LAPTOP AND CRACKED THE SCREEN, I HAD TO GET ANOTHER LAPTOP, MUCH TO HIS DELIGHT. I WAS EXCITED TO PLAY OUTPOST AT LIGHT SPEED, AND MY HUSBAND ASSURED ME OVER AND OVER THAT SINCE MY COMPUTER IS NOW THE FASTEST IN THE HOUSE, HE WILL NOT HAVE TO UPGRADE. HAH!! COMPUTER ENVY IS NOT A PRETTY THING, AND NOT ONLY DID MY HUSBAND HAVE IT, BUT SO DID MY TWO SONS, AND SO THE UPGRADES BEGAN. MUCH TO MY DISMAY, I COULDN'T PLAY OUTPOST ON MY NEW FAST LAPTOP—IT WOULDN'T PLAY MY GAME. BUT I DIGRESS. I WANTED TO TELL YOU THAT WHEN HE GETS HIS MAGAZINE, I GO STRAIGHT FOR THE BACK PAGE TO HEAR ABOUT YOUR MINDLESS ANTICS, AND I LOVE TO HEAR HOW YOUR WIFE RESPONDS, AND I KNOW I AM NOT ALONE IN THE WORLD. THANK YOU,

WENDY MEYER

Thanks for writing, Wendy. Now, in the name of all that is holy, will you please hit your Caps Lock key? Criminy.

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Mall Bites

Once I graduate this crappy college with a B.S. in programming, I'm making a pornographic RPG... I hope CGW reviews it.

—William Haller

Robert Coffey is an idiot.

—Dan K.

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# Reality Bites

Unreal Engine 3 converts a console editor into a believer





### Fore!

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### Music cards

Who will win the next round of the graphics wars—ATI or Nvidia?



### Phone-y

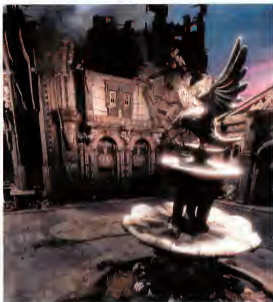
Can cell phones finally get their game on? We make the call.



# S

hockingly, the most-talked-about event of 2004's Game Developers Conference wasn't John Carmack's inspiring keynote address on "Entropy in the Development Process." Hell, it wasn't even when American Idol reject William Hung butchered "YMCA" at a Sony presentation. In the nerd-packed halls of the San Jose McEnery Convention Center, one question was repeated over and over: "Have you seen the Unreal Engine 3 demo?" Opinions ranged from "It looks better than Half-Life 2" to "It looks like Lord of the Rings...as in, the movies." So I, a humble console magazine editor, simply had to see it firsthand.

Now bear in mind, I'm not exactly a tech-savvy PC user (spec-heads, scope the sidebar for the jargon you crave), but seeing both Doom 3 and Half-Life 2 in action gave



## In the packed halls of the Game Developers Conference there was one question repeated over and over: "Have you seen the Unreal Engine 3 demo?"

me hope for the future of all gaming. They're proof that the graphical ceiling isn't even close to being reached.

After I'd been ushered into the behind-closed-doors tech demo, Epic Games' outspoken wunderkind Cliff Bleszinski prefaced the showing by saying, "This takes a big dump on Doom!" Turns out that was a fairly prophetic statement—in terms of raw graphical brilliance, Unreal Engine 3 (set to debut with a new product in early 2006) completely blows away anything previously seen.

As expected, the engine (running on Nvidia's new GeForce 6800 cards at the demo) excels at rendering environments. The two shown—a gothic town square and an idyllic, windswept field complete with individual blades of swaying grass—both revealed what millions of polygons and talented artists can achieve. The stunning level of detail seriously blurred the line

between what you'd expect from CG cut-scenes and in-game visuals. The character models shown were similarly impressive. Normal mapping has allowed for incredibly complex-looking creatures originally composed of 8.5 million polygons to be constructed using far fewer polygons—just 8,000, to be precise—and the resulting mantras still look breathtakingly realistic. Or would that make them unrealistic?

### Blinded by the light

Even more impressive, however, are the engine's fantastic lighting capabilities and groundbreaking visual-displacement effects. A lantern was thrown around a dank, cave-like room, casting utterly realistic diffuse shadows on surfaces and through permeable textures. This area also utilized a new graphical technique that allows completely flat polygons to appear,

instead of being comprised of wildly complex structures combining normal mapping and crazy texture tricks. Seriously, a wall constructed of only one piece of geometry looked exactly like a rough-hewn stone wall that you can view in three dimensions from any angle.

"Graphics have been awful until just last year," says the ever-so-tired Cliff B. "When you look at a brick wall in Unreal Engine 3, it really looks like you can reach your hand in the cracks and climb up it, slip, and feel the mortar scraping against the underside of your chin as gravity has its way with you and drags you back to reality." The mind boggles. **Shane Bettenhausen**

## Engine Highlights

- Realistic per-pixel lighting
- Soft, dynamic shadows
- Robust physics system with IK
- Holomorphic texture mapping
- Spherical harmonic lighting
- High-dynamic-range lighting
- Visual-displacement normal mapping

NERD-A-PALOOZA

# Viva Las EQ!

The oldest MMO turns five

**W**hat better way to celebrate five years of hoarding platinum pieces than trying to cash them in for chips at The Palms casino? We crept out to Las Vegas to see if *EverQuest* addicts party like its 1399. All we've got to say, folks, is that if a picture is worth a thousand words, brace yourself for a mouthful. **D**arren Gladstone



Thinking EQ players before, realizing them into the wild.



OK, while some contest in a really nerdy way, this is funny.



These level 60 platinum sun-know how to party.



When do a bunch of EQ-ers do in Vegas? A big empty room of course!



Yeah, these are the olds, the lords of the Gold.



The jury is still out on who walked away with the title of Mr./Ms. Nerdy 2004.

PLUGGED IN

## LOL in mmo

The *Matrix Online* goes beyond the game with AIM

**W**hether you opt for the red pill or the blue pill, you know that when the MMO game is over, you're offline. Or are you? Word has it that *The Matrix Online* will keep you constantly jacked in, thanks to AOL Instant Messenger.

Unlike EA Games' aborted *Majestic*,

which had computerized conversation 'bots intruding on your personal life, AIM's incorporation here works. That's mostly 'cause it's with real, live people—your friends. Your character account is linked to your AIM (as well as ICQ, AOL, or Apple iChat) account, making for an interesting convergence between the game and the out-

side world. This allows players to create tabs when to meet up and play, solve puzzles midgame, or just try to pick up people in chat rooms.

Geek hearts are likely racing with the possibility of constantly being connected, but we fear it gives the game is one less piece where we can bide from the real world. **D**arren Gladstone

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# Teed off

Showing Tiger Woods who's boss: Tiger Woods

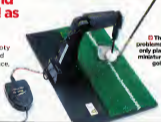
**S**crew Tiger Woods! The guy has it all: the looks, the fame, the gold-plated golf carts full of cash, and the best golf videogame named after him. But not today, friends. Thanks to the GMotions-Golf controller (www.gMotions.com), I'm gonna try and take this fool down a few pegs.

Just plug in this virtual tee, grab your Titleist, and you're as good as on the green. It's a simulator, a swing trainer, and, more important, it replaces a mouse in golf games. Smack the swing arm with your own club and watch the ball fly in EA Sports' Tiger Woods PGA Tour 2004, which ships with the con-

**Just plug in this virtual tee, grab your Titleist, and you're as good as on the green.**

troller. Digital duffers used to snooty country clubs probably won't mind shelling out \$249 for the experience, but it isn't for everyone. You see, there's no miniature windmills to hit the virtual ball through. Well, that, and the golf clubs aren't included. **Dwain Gladstone**

Kip-tilia	Par	Tiger	Darren
Hole 1	4	3	5
Hole 2	3	3	5
Hole 3	4	4	5
Hole 4	4	4	4
Hole 5	5	4	4
Hole 6	4	4	4
Hole 7	4	3	6
Hole 8	3	3	4
Hole 9	5	6	5
Hole 10	4	4	10
Hole 11	3	3	6
Hole 12	4	3	4
Hole 13	4	4	5
Hole 14	4	4	3
Hole 15	5	5	3
Hole 16	4	4	3
Hole 17	4	4	4
Hole 18	5	5	5
TOTAL	73	70	88



The prettiest I only play miniature golf.

## Top 5 Downloads

The best money you'll never spend



Some of the best games of all time were never available for PC, at least until Retrospic (<http://retrospic.casign.net>) started offering conversions of classic Spectrum (and other) games. Help the site celebrate its fifth anniversary by checking out these five superb modernizations.

- 1 Head Over Heels**  
Equal parts puzzle and action game, this is arguably the best Spectrum title ever released. It's a take on the first games to let players control bird characters who nest cooperatively to accomplish goals.
- 2 Highway Pursuit**  
Spy Manley needs the third dimension. This thriller is actually more fun than most console iterations of this endless franchise.
- 3 Cybermold 2**  
Remember A&E? For the Atari 2600? This is a tribute to that, but a lot better. Guide a spaceship through multiple levels that offer little in the way of elbow room and reach in the way of bullet-spraying opponents.
- 4 Quazatron**  
Bulky, unimpressive, and a paltry dozen of robot opponents in this 3D shooter that's much deeper than you'd think.
- 5 Skool Daze: Class of '99**  
Go to school and break the rules—just don't get caught in the act.

## Inside the Head of...

Peter Molyneux, Lionhead Studios

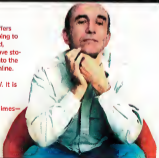
**Favorite creation:** Populous, because it was the first and the simplest.

**On the future of gaming:** To evolve, there are several challenges—first, gaming still suffers from variable quality in things like gameplay, visuals, and sound. Fact is, we're soon going to be making games that will have to have the same production qualities as films. Second, games need to be very intuitive and simple to play, but also be incredibly deep and have stories that are as compelling as any Hollywood script—that is, fit believable characters into the gameplay. Finally, we need to make games that will encourage more people to play online.

**Dream projects:** I'd have to reveal everything about a secret project called *Divinity*. It is incredibly ambitious and is very much a lifelong dream of mine.

**Inspiration:** It comes to me in the strangest of places and most inconvenient of times—without revealing too much more of intimate situations.

**Biggest obsession:** I'm slightly ashamed to admit that my biggest obsession is playing games. It takes over my life, and although I play games at work every day, I'll invariably stay up till 3 or 4 a.m. to play some more.



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# THIEF

## DEADLY SHADOWS



OUT NOW



Blood  
Violence



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Representing ATI, Risty here strikes a pose. How check out the detail and reflections on the floor.



ROUND 6

# Muscle Cards

ATI and Nvidia go at it again

## Editor's Note:

Just before press time we had the opportunity to get our hands on the newest cards from both ATI and Nvidia for this fight. Come back next month for a more detailed analysis in Tech.

**W**elcome, friends, to the Battle of the Boards. Tuning in later? Here's how the showdown usually goes: Nvidia releases a top-of-the-line part, and then a few months later, ATI leapfrogs it. Well, the ongoing feud has taken an interesting turn as these titans traded blows by releasing their latest parts within weeks of each other.

### The contenders

In the green corner is Nvidia's 256MB GeForce 6800 Ultra. Going beyond the NV3x series debacle (the 6800 line's notorious predecessor), Nvidia dropped the "FX" from its naming scheme and delivered a \$300 part with a megaton punch. Running at a core clock speed of



400MHz, the GeForce 6800 also boasts 15 pixel pipes and, depending on which tests you're running, is sometimes twice as fast as Nvidia's previous card, the 256MB GeForceFX 5950 Ultra.

In the red corner is ATI's 256MB x800 XT. It also has all the right moves—it packs 16 pixel pipes and runs at 520MHz—and is twice as fast as its little brother, the Radeon 9800 XT. Oh, and the card has one more thing in common with Nvidia's latest release: a heavyweight price (\$500).

### Tale of the tape

While the judges continue to bicker about the validity of synthetic benchmarks, the fact remains that we're still using them as measuring sticks. To ensure a fair fight, we

ran all our tests with 4x AA (antialiasing) and 8x AF (anisotropic filtering) enabled (when possible) and at both 1280x960 (720x1024 when applicable) and 1600x1200. We also ran the same tests on each company's previous part: ATI's 256MB Radeon 9800 XT and Nvidia's 256MB GeForceFX 5950 Ultra. (For complete blow-by-blow results, check out the scorecard.)

### Let's get it on!

In synthetic benchmarks, each company's claims held up. Newer cards ran twice as fast as their predecessors in 3DMark2003 and nearly so in AquaMark 2003—the cards also displayed incredible speed gains in actual game tests. Of course, this creates an interesting situation. Just as







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- Alienware Aurora, Computer Gaming World Editors' Choice Award, January 2004



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## S. 10, 15 Years Ago in CGW

What we said when you were nursing



### 5 Years Ago, July 1999

**Genks III, Unreal Tournament, and the fiction that was Team Fortress 2** dominated the cover five years

back, but what dominated the CGW offices? Friggie! *Drinking: Order of the Phoenix*, subject of a two-page preview, that's what. We've always supported scantly clad chicks who ride dragons (and we challenge anyone to prove otherwise), but something about *Drekken* seized the breasts' steams of our litters and an assistant editor, and wouldn't let go. At all. When review time came, they launched a bitter argument based on how realistic the dragon flight physics were. If you ever find yourself making the "realistic dragon flight physics" argument, remember this: The classic noose has 13 rings above the loop.



### 10 Years Ago, July 1994

**What a coincidence! Doom II on the cover five years before Quake III!** It's like some kind of weird biorhythm

or numerology deal at work, right? Or maybe it was in the stars, because the stars were sure in CGW—this marked the first time that star ratings were used in game reviews. No longer would readers have to actually comprehend our writing... they could just check out the stars! As any long-time subscriber can tell you, this marked the beginning of the end of civilization.



### 15 Years Ago, July 1989

**Memo to the editor-in-chief: Hey, Jeff, the next time a disgruntled reader writes and bemoans the steady decline**

of CGW, let's send him a copy of this issue. Holy moley, did we really run headlines like "Men in the Hat Planned Suit" for that *Melanie Jones* game? Headlines like these make Coffey seem semicoherent!

■ CALL IT

# One in the

## Are cell phones really ready to play?

**N**okia has a different attitude since the original N-Gage launched—and flopped—last year. All the hype that promised N-Gage would be the next step in the convergence of consumer electronics isn't giving up on gaming. Despite many lumps, the cell-phone giant isn't giving up on gaming.

"Nokia is a great design company," says Nokia spokesperson Steven Knuff. "We just didn't get it right [with N-Gage]." But a firsthand look at the device's next iteration, the N-Gage QD, shows that the cell-phone maker may finally be on the right track: Gone is the sidetalking ([www.sidetalking.com](http://www.sidetalking.com)), gone is the heft of a Betamax, and gone is the need to yank out the battery in order to change games.

Due out in early summer at a price "considerably less than [N-Gage's]," the QD is a slimmer, trimmer gaming machine. The gamepad feels more comfortable, the screen is brighter, and there's an external slot that allows for easy access to SD cards (which, when plugged in, instantly start games). Nokia couldn't reveal some details, such as the unit's battery life, at press time, but the new phone will apparently be offered by more major carriers in the States than its predecessor.

Of course, the hardware is only part of the equation—it needs good games to

back it up. We've learned that Activision is making portable versions of *Call of Duty* and *Spider-Man 2*, while Sega is working on—get this—an MMORPG called *Pocket Kingdom*. If none of this works to win over the gaming crowd, Nokia already has plans to release another N-Gage early in 2005, according to Knuff. We'll make the call on how the QD pans out as soon as we get reviewable units.

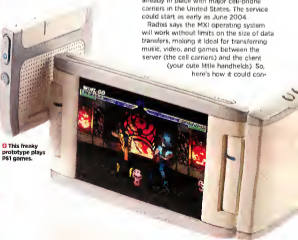
### Beating PSP to the punch

A lot of anticipation has built up around Sony's upcoming release of the PlayStation Portable (PSP), but now that it's been delayed until sometime in 2005, we hear that another company is attempting to beat Sony at its own game.

A wireless-device operating system called MXI promises the ability to enable "existing full-fledged Windows, Linux, Java-based desktop, and mobile-software 32-bit games normally played on consoles and full graphical versions of websites to look and feel exactly the same on a handheld device as they do on a PC." That's one hell of a claim. Radix CEO R. Chandrasekar is making, but it certainly teases us with an interesting possibility: playing basic Windows and PS1 games on a mobile device. Chandrasekar insists that it's not only possible, but that plans are already in place with major cell-phone carriers in the United States. The service could start as early as June 2004.

Radix says the MXI operating system will work without limits on the size of data transfers, making it ideal for transferring music, video, and games between the server (the cell carriers) and the client (your cute little handhelds). So,

here's how it could con-



■ This fresh prototype plays PS1 games.

# Hand



Holy cow! Nokia actually listened to all our complaints.

cewably work. You want to play Madden on your handheld? First, you order the game and download it from a software library. It streams only the bits of the game that you need on the fly and bang—you're ready to play. The OS is even carrier agnostic, so if your buddy on another network has an MXI-

PC industry big guns, take note: Never ones to miss out on an opportunity, graphics chipmakers Nvidia and ATI are

**“Nokia is a great design company,” says Knuff. “We just didn’t get it right [with N-Gage].”**

enabled device, you can still play against him. Not too shabby.

What kind of games will be available? Chandrasekar says no extra coding is required for PS2 games to work on MXI devices and that Radix is already in talks with EA and Ubisoft, so you could have a wide array of games to choose from at launch time. However, we have to raise other questions. To wit: Sony is notoriously overprotective of its IP—you may recall it sued Bleem and Connectix into submission a few years back. Could Radix suffer the same fate? And exactly what sort of PC games should we expect on these devices?

Carrier and device-maker details remain very hush-hush: Sprint PCS and Verizon Wireless declined to comment as to whether they would offer MXI-supported devices. Still, we can say that you can expect multimedia plans to start at about \$30 a month. In-office oddsmakers say that if everything goes according to plan, we can expect notable devices from Samsung and Sanyo—these companies have taken some of the most daring design chances with cellular phones so far.

also getting in on the cell-phone business by offering updated 3D graphics solutions for mobile devices. ATI's Imageon architecture will be used alongside Qualcomm's BREW technology to provide an improved 3D-gaming experience to Verizon Wireless customers.

Nvidia has recently announced that its upcoming GoForce line of media processors will dramatically improve the mobile experience in PDAs and cell phones by offering longer battery life and improved image quality. Having already inked deals with Dell, HP, Palm, Sony, and Toshiba, GoForce-enabled products will boast megapixel camera support, digital-zoom capabilities, and MPEG-4 support. Proper handheld 3D gaming from Nvidia, though, is still a little ways off. GoForce 3D technology is in development, but don't expect to see phones utilizing it until early 2005. This isn't even mentioning the rumors as we go to press that Intel has other plans in the works. Let's just say the next couple years will be interesting ones for mobile gaming.

■ Darren Gladstone and William O'Neal

## The Good, the Bad & the Ugly

News and views from the Wild West



### The Good

**MMO revival**  
We've been bitching about the poor state of massively multiplayer

games for so long now, we forgot we ever liked them in the first place. But now we remember, big time. Why? Because the long-awaited “next generation” of MMOs is finally arriving, like, for real, and there is some great stuff. The CGW staff has been gorging on both the *City of Heroes* and *World of Warcraft* betas, and loving both. Look for our *City of Heroes* review next month.



### The Bad

**ES “awards”**  
We are sick of them. If you see us hand out any awards for this show,

please shoot us, it's not a freakin' beauty contest. It's a trade show. Game companies should be focusing on finishing their games, not on “winning” “awards” for demos of their unfinished games. Media outlets like us have made it worse by encouraging this idiocy, but we're done. We may tell you about some of the coolest games we saw at the show, but as for specific awards? Bah. Don't believe in 'em.



### The Ugly

**Outlaws save systems**  
Why, why, why? Why do some designers insist on

making the very decisions they should know by now are only going to incense gamers and guarantee hostile words from whiners like us? Yeah, that's right—we're still talking about *Far Cry*'s unbelievably lame save system, which all but ruined an otherwise fantastic shooter. How about you just do what everyone else does and let us save anywhere, OK? We paid our money; Let us play the game the way we want.

# THIS IS NOT A THIS



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**"Why I may never play  
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- PC GAMER, March 2004

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BRING IT ONLINE

# Come Together

PC, console gamers get a little more social

All those console gamers out there are slowly but surely joining the awkward high school dance that is internet gaming. Guess that makes us PC players the wiseass seniors who have been doing it for a while (and, looking at some people in the crowd, a little too long). But as we sneer at these newbs, remember that this horde of console-playing twitch monkeys will soon be adding a whole lot more depth to MMOs, more challengers to compete against, and more teammates to rally.

As game publishers continue churning out games on multiple platforms, the reality is that sooner or later, we'll be playing alongside console gamers online more often. *Need for Speed Underground* did it. *Final Fantasy XI* is doing it right now, and so will others in the near future. But is that a good thing?

Ask Seth Welch. He plays games: console, PC, it doesn't matter. But when he first went online with his PS2, it was a culture shock.

"Whenever I played a console game online, everybody was acting immature. They were cursing, saying dumb things, and not even really trying to play. Just being stupid," says Welch. "Personally," he continues, "I think that console gamers just have a whole different mentality." It could also be that this is a whole market of people who still aren't used to the notion of playing well with others over the internet. Or, he could have just stumbled upon some bad game sessions.

## Beyond borders

Billy Pidgeon, a game analyst with the Zelus Group, has been interested in what *Final Fantasy XI* is doing by bringing PC and PS2 gamers together. We decided to take another look for ourselves, now that the PS2 version has gone live. As we clumsily learned the ropes, other gamers (some on PS2s, some with PCs) helped, joined the party, gave tips, and kept us from the brink of death. Yasu Kurosawa, North American online producer for



Square Enix U.S.A., explains that from the beginning, the company envisioned bringing together the PC and console markets, and it's already been a great success in Japan.

"[Console gamers] already understand what to expect out of a *Final Fantasy* game—a deep and engaging story. Now PC gamers will be able to do as well in a huge, open world."

Microsoft, though, has remained fairly tight-lipped about the great divide that separates PC and Xbox titles, but that also is mutating. As was revealed recently with the XNA initiative, there will be a lot more PC and Xbox cross-pollinating (read what Loyd Case has to say about that on page 96). Scott Henson, group manager of platform strategy at Microsoft, lays out the future of your MS home: "Microsoft XNA will offer gamers a better, more unified experience, and in the future, we envision a common online service that will allow Windows PC and Xbox gamers to play together." There are no official announcements about titles or how this will happen.

A word of advice from Pidgeon: "Publishers should focus on bringing great games that work on the console to the PC, then try to tie the two together. It's a whole lot riskier trying to do it the other way around." After all, we don't want you guys to be wallflowers forever.

☑ **Damon Gladstone**

## Console Corner

Games worth grabbing from your little brother

It may seem hard to believe, but not every good game comes out on PC. We know—it's a shock to us as well. So here's what you want to grab this month:

■ **PLAYSTATION 2**

### Onimusha 3: Demon Siege (PS2)

What the hell is a French movie star doing in a sword-swinging, demon-slayin' adventure game? Damn good question. But those centuries-old samurai sure love them Jean "Leon: The Professional" Reno flicks. You get the opportunity to play not only as an ancient warrior who busts through a (time warp) but also as Reno's modern whip-wielding alter ego. What makes this game worthy of your hard-earned cash is that it has the style, great graphics, and slice-'em-up action that get you in the first two *Onimusha* titles. This one looks to wrap up the trilogy with a degree of panache. Oh,



and if you have the extra cash, a freestyle controller is yours for the asking. The *Onimusha 3* Soul Controller is basically a giant plastic katana-shaped gamepad. (Game sword, in this case!) that could cost as much as \$130. **Statewide. ALSO CHECK OUT:** EA Sports Fight Night 2004 (PS2, Xbox); MTX: Motocross (GC, PS2, Xbox). **Damon Gladstone**

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# Previews

See 'em now, play 'em soon

Big, thundering  
explosions and dust  
storms shoot high  
into the sky.



"This is your captain  
speaking. We are  
experiencing some  
turbulence."



"In the new book  
it's you, you're  
one of our top  
bomber pilots."

BY NICK SPHER **Activision DEVELOPER: Gray Matter Interactive Studios GENRE: FPS RELEASE DATE: Q4 2004**

# Call of Duty: United Offensive

One draft you'll want to be in on

**H**eed the call. Gray Matter Studios did. But this developer isn't just playing the best action game of last year, Activision's WWII shooter *Call of Duty*. It's out to top it with its upcoming expansion, *Call of Duty: United Offensive*. The studio is known for original games like *Return to Castle Wolfenstein* and *Kingpin*, so why an expansion? According to Gray Matter, good timing and a great challenge.

"The opportunity opened up. How can we turn that down?" asks Robb Alvey, senior producer. "The original game won so many awards. Therein lies the challenge, to raise a bar already set so high."

*United Offensive* continues the exploits of Russian, British, and American divisions across more than 10 new levels. *Call of Duty*'s already stellar gameplay has been bolstered with new adjustments. There is now a jog option that allows you to move faster, although you can't shoot while running. One new strategy: Use a smoke grenade and sprint to make it past the heavy guns. Also, there are deployable stationary weapons; you can set down



Spitties overhead, explosions down below. A 50-foot-tall dust cloud shoots into the air.

splintering and tearing away at your plane, forcing you to stare through the Swiss cheese holes as you try to survive the onslaught.

On another level, you'll find yourself deep in the trenches at the Battle of Kursk, pelted with rain, courtesy of a revamped particle system. As you gaze

at the Battle of the Bulge, based in the town of Foy. Some of the action includes dodging fire through haystacks, eliminating a distant enemy spotter, pushing back indestructible tanks, and blowing the roof off of a church-turned-enemy-outpost.

In addition to the new single-player campaign, Gray Matter is also adding more multiplayer modes. Besides the original deathmatch, there are tank battles, domination stages, and capture-the-flag missions with assault-type elements worked in. A ranking system rewards teamwork-minded players with increased carrying capacity.

*United Offensive* won't be released until the end of the year, but our expectations are built on how good the original was. These are big boots to fill, but the progress so far looks absolutely grand.

by Johnny Liu

**The Word** HISTORICAL

## You can now club someone to death with a pair of binoculars.

one of these heavies to mow enemies down. Among the new weapons are a flame torch and the ability to club someone to death with a pair of binoculars. Wheel

### Level best

Gray Matter's biggest challenge will be to come up with levels as memorable as the original's. Remember the on-rail levels, like the manic jeep chase? *United Offensive*'s bomber level already looks to up that ante considerably. You are stationed in one of many bomber planes flying in tight formation, with turrets mounted throughout the aircraft. You must periodically run to different stations to take down the enemy Spitfire planes. Your own bomber will take on heavy gunfire,

up at the torrential downpour; you spot an aerial squad overhead. Suddenly, one catches fire, billows of powder-black smoke trace spirals in the sky as it spins downward. The crash is deafening. Past the wreckage, you make your way to some Elephant tanks and plant explosives under their noses (this offense was actually used against real Elephant tanks).

Finally, we had an exclusive look at part of the U.S. campaign—the



We're not sure what's scarier: the blood ravens with the guns, or the glass stone tablet with the skull head and the sword.



Big explosions, fire, and destruction are the name of this game.



"Who, who invited this guy to our secret club meeting?"

WARHAMMER 40,000: DAWN OF WAR (RTS) BY JEFF LABRECQUE AND GUY BARRETT

# Warhammer 40,000: Dawn of War

Hammer time

**O**n the bottom floors of Vancouver-based Relic Entertainment, a vision of the 41st millennium is being born. It's a gothic and terror-stricken world, filled with aliens, mutants, and vile heretics. It's also the setting for the popular Warhammer 40,000 tabletop game.

This classic war game created by Games Workshop sells row after row of painted figures line up for massive battles. Even before the rules at Relic (of Homeworld fame) nabbed the Warhammer license, they were already fans of the game, often invading conference rooms to get their Warhammer fix. Now, Relic and Games Workshop have joined forces to create Warhammer 40,000: Dawn of War, an all-new real-time strategy game.

"For our first licensed project, we wanted something that we had a lot of passion for," says Jiv Wilson, lead designer of Dawn of War. "For many of us, it has been our dream to do a Warhammer game."

To fulfil that dream, the goal has been not only to translate the rules, set but also to fully recontextualize the Warhammer

universe to an RTS-friendly setting. Through their mutual exchange of ideas, the two companies have sought to stay true to fans while still delivering enough action to hopefully pull in a few new ones.

## Racial tension

In the tabletop game, there are a number of different races, four of which have been selected for Dawn of War: space marines, orcs, blood ravens, and the elder.

The space marines are the game's heroes. The basic space marine troopers aren't just grunts—they've been battle-hardened through 12 years of training. The troopers are aided by dread-knights, riotcity battle vehicles controlled by a long-dead, sarcophagus-bound war hero. Many aspects of the Warhammer universe center on death. "After we finish any one of our designs, it's time to throw on a big pile of skulls," Wilson jokes.

The space marines are led by a force commander unit who boosts troopers' morale, optimizing their combat prowess



Morale works like a squad-wide health meter, when it is completely awestruck, your units lose some measure of combat efficiency. The force commander is also equipped with a magical "demon hammer," which he uses to turn pesky orcs into paste.

Speaking of which, orcs are war-driven creatures who wear their bloodlust on their sleeves—or they would, if they wore shirts. Orcs love to make noise; they're awful at ranged attacks, and they enjoy taking long walks on blood-drenched beaches. The development team initially had a bit of a problem deciding what the orcs should sound like, but they eventually settled on a Cockney accent. "Wug!"

Warhammer fans will certainly appreciate the ability to customize their units, choosing from a broad assortment of color schemes and custom logos as their troops prepare for battle in the attractive war-torn urban landscapes Relic has created. The high-poly character models are sharp as well, with highly detailed facial textures. **D**

**Unlike your typical resource-centric RTS, Dawn of War is much more action driven.**



Q "Say, you wouldn't happen to have a bucket of water? No? Oh, OK."

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**Graeme Devine**  
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PREVIEWS

**Ready, set, action!**

Unlike your typical resource-centric RTS, *Dawn of War* is much more action driven, in an effort to stay in step with the nature of *Warhammer*—after all, taking the time to build a stable economy in the midst of a postapocalyptic invasion just wouldn't make a whole lot of sense.

Instead, *Dawn of War* takes a cue from *Battlefield 1942* by having players fight for control points on the map. When one of these control points is seized, your team accrues requisition points, *Dawn of War*'s accumulated resource. Losing one of the control points doesn't mean the war is over, although it does result in less efficient resource accumulation.

“This will be a game of moments.”

—producer Jonathan Dowdeswell

You march your units around in squads, overpowering your enemies not only with numbers, but also with tactical superiority. *Warhammer* focuses on frontline combat and rewards players who utilize good tactical strategies. For example, units that stay behind cover take less damage and recover morale more quickly.

**From this moment...**

*Dawn of War* promises plenty of instant gratification, bringing more to the table than the beat-there-dance-that RTS experi-

ence of watching an encampment slowly being built: “This will be a game of moments,” says Jonathan Dowdeswell, producer of *Dawn of War*.

Standing out among these moments are the flashing moves. Even in the midst of heavy combat involving hundreds of units, these spectacular final blows will catch your eye. One particularly memorable animation sees the aforementioned force commander pelted against a hefty gargantuan bloodthirster, who the force commander grabs by the horns, flips over, and proceeds to bludgeon to death with his trusty demon hammer.

Back on the ground floor of Relic's office, the final line of defense pounds away at the

developer's team's efforts. This crack team of pro testers, made up of elite RTS fanatics—one of whom was Korea's top-rated *StarCraft* player—works to facilitate the game's final balance tweaks and gameplay details. Relic hopes the final product will be readily accessible to hardcore strategy fans and neophyte players alike, ushering in a new dawn for RTS action. Mark your calendars for the fourth quarter of 2004—it's hammer time. **Johnny Liu**

**The Word: POUNDING**



Q The most massive in-game character is the imperial demon. Beely, now—does this guy even need an ex?



Q A big guy. And a big sword. What more do you need?



BY FLA **IGNOR** Electronic Arts CE **IGNOR** Black Hole Entertainment **IGNOR** RTS RELEASE DATE **October 2004**

# Armies of Exigo

Lexigo my *Exigo*



**I**n the crowded RTS market, naysayers point out that all latter-day mythical RTS games feel the same. That's where *Armies of Exigo* "digs itself a hole"...in a good way. Beneath the grassy battlefields are underground passages that allow for interaction with the surface—an entire second arena to wage war. Two stages of combat add up to a whole new dimension of RTS strategy.

## Exigo stage left

The winding catacombs in the Hungarian castles of Budapest gave newcomer Black Hole Entertainment the initial inspiration for *Exigo*'s bidimensional world. Even though this offshoot of Cingri (the special-effects company behind *Terminator 3*) is just getting off the ground, a little company known as Electronic Arts happens to be in its corner. EA is flexing its muscle to make sure *Armies of Exigo* is done right, with a driven effort to craft *Exigo*'s story and music in conjunction with the Budapest Philharmonic Orchestra (last used to great effect in EA's *Freedom Fighters*).

In the story, humans and beasts have long fought, but now a third force enters the picture. Keran, a malevolent alien being, has passed through a time portal. Shape-shifting his way into the council of man, Keran bids his time while amassing an army of giant insects, dark elves, and woebegone creatures known as the fallen. An alien thrown into the mythological realm of elves and orcs? Decidedly different, so don't expect a run-of-the-mill Tolkien-style world.

## Be prepared to be paranoid

In the single-player campaign mode, each

of the three races will have 12 individual stages, totaling 36 levels to fight through. Multiplayer will feature up to four players. Gameplay is geared toward classic, frantic *WarCraft 2*-style battles, with rolling armies of hundreds locked in bloody combat. Unlike a large-scale *Total War*-style game, though, you will still be able to control each battle unit individually.

These units gather three kinds of resources: gold, wood, and mana. Gold and wood are used to build up your territory, but mana becomes necessary to maximize spiritual units.

In addition, the second playing field promises a whole new range of interplay. For example, campers accustomed to slowly amassing their armies will be caught wholly unaware when the enemy sneaks his way under the base to let loose a poisonous gas cloud. Between the open plains and the subterranean realm below, attacks will come from all sides.

Spells like gas clouds can sleep up to poison people above, while earthquake spells shake the world down below. If you want to plan ahead, you can bait the dark caverns with a number of traps, raining down gas, fire, and boulders. Caves and tunnels are used to move between realms, but it's not enough to wait next to a cave for easy prey. New transport points can be created, and offensive spells can be cast to keep enemies on their toes.

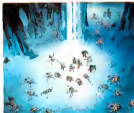
Environmentally, certain statues act as control points. On the surface, the statue's blue aura will heal weary fighters. Yet if you peek the statue's underground guardian, you can cast a spell to turn the helpful blue aura into a venomous green one.

**Two stages of combat add up to a whole new dimension of RTS strategy.**

One last detail worth noting is how good the CG work looks. SIGGRAPH (a consortium of CG experts) highlighted *Exigo*, along with *WarCraft 3*, among its 2003 annual collection of the best in computer animation.

Here's hoping this army can rely the troops where older titles like *Mets!* *Farqure* have failed. With the proper balance to the bi-level gameplay and graphical final touches, *Armies of Exigo* will be digging holes for those RTS naysayers this October. **By Johnny Liu**

## The Word **LAYERED**



**Conquered by the fallen with nowhere to turn.**

BY ILLUSTRATOR Alan DEVELOPER Frontier Development GENRE Simulation RELEASE DATE Q4 2004

# RollerCoaster Tycoon 3

More twists and turns from the king of tycoon games



A wild wooden coaster for the Wild, Wild West.



Ride your own spiraling coasters in a full 3D first-person mode.

**T**hanks to the original *RollerCoaster Tycoon*, there's now a *Tycoon* game for everything under the sun...well, except for *Yo Mama Tycoon* (not yet, at least). The previous entry in the series, *RollerCoaster Tycoon 2*, unfortunately fell prey to the same fallacies as its countless imitators—it offered up a better graphics engine but just wasn't able to capture the same addictive gameplay of the original. *RollerCoaster Tycoon 3* aims to fix this with a full 3D interface and plenty of new goodies.

*RollerCoaster Tycoon* creator Chris Sawyer is still involved in this third entry, offering input and advice, this time around, however, Sawyer's former boss and good friend Dan Braber is heading up the project. Braber, who is something of a British, soft-spoken Robert De Niro, promises "a game for everyone, light and hard players alike."

Beginning with a plot of land, you shape your personal wonderland as easily as you would mold clay. A full range of coasters, from rickety wooden clunkers to cutting-edge thrill rides, are available to construct on your fresh

excavation. Braber's studio, U.K.-based Frontier Development, researched some of the best roller coasters across Europe during the game's preproduction phase, so expect some pretty wild designs. For the thrill seekers among you, you'll even have the opportunity to ride any of the roller coasters you design, enjoying an exhilarating sense of speed and a full three-dimensional view of your park.

## Themes like a lot

*RollerCoaster Tycoon 3* includes a sandbox mode, giving you free reign to create your own personal dream park. Tons of different themes are included, from a Wild West-style town to a freaky demon world filled with animatronic ghouls. Plenty of little bells and whistles are present to create the full theme-park experience, from costumed critters to impressive fireworks shows.

Just about every facet of this game has been upgraded from its predecessors, including a more streamlined interface



There are plenty of other attractions available, too, such as a carousel and a rocket motion ride.

that eliminates the deluge of windows littering the screen. The visuals show plenty of attention to detail, with a dynamic character-randomizing system that guarantees a diverse crowd of park attendees.

You can even skew your park to serve different demographics, from families to teenagers. Your economic success rides on finding that magic balance for making everyone happy. Whether you decide to fashion a kid-friendly Disneyland or a vomit-inducing collection of "you must be this tall to ride!" twisters, *RollerCoaster Tycoon 3* probably has something for you to get excited about—so get in line for this imminent fourth-quarter 2004 release. No cutting!

Johnny Liu

The Word **AMUSING**

**A full range of coasters, from rickety wooden clunkers to cutting-edge thrill rides, is available.**





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PUBLISHER: Motive DEVELOPER: Crytek GAMES: GIGAWATT ACTION RELEASE DATE: September 2004

# Advent Rising

Proof that there is intelligent life out there

**I**t's been said that humans use only 10 percent of their brains. This sounds a little too generous an estimate, if you ask us. Still, what's done with the remaining 90 percent is up for speculation in *Advent Rising*. The first part of an ambitious sci-fi action-adventure trilogy is a labor of love for lead designer Donald Mustard, who excitedly talks about the story that famed science-fiction author Orson Scott Card (*Ender's Game*) helped create.

Throughout the universe, among countless alien species, it was foretold that one race—yep, humans—would lead the other species to salvation. As the story begins, you take on the role of Gideon Wyeeth, a military academy grad on the cusp of leaving this prophesied potential. As you progress on your galaxy-spanning journey, tangential points in the game will arise, and your decisions carry over across the trilogy and affect the story's ultimate outcome. In the beginning, do you save your fiancée or

your brother from the initial alien attack? In short, don't delete that save file!

## The sincerest form of flattery

Mustard eagerly references other games. The plan: Meld together all the elements that work into one cohesive force. The result is a game that arms Gideon with everything from Max Payne-esque shooting and time-bending capabilities to the hand-holding gameplay elements of the PS2 sleeper hit, not to mention a number of vehicles you can control à la *Matrix*.

Gideon's considerable artillery includes pistols, shotguns, microwave rays, and melee attacks. He also possesses an arsenal of force-type powers with dizzying effects, which light the screen up in waves of flares and distortions as you push and pull your enemies. If that's not enough, Gideon's melee attacks can also be used to create combos—not to mention the fact that various attacks and weapons will gain experience during the game, making frequently used maneuvers even stronger. The

library of flashy moves and techniques you've amassed will even carry over into future volumes, making for a progressive evolution throughout the trilogy.

While *Advent Rising* is planned for both consoles and PCs, rest assured that the PC controls will be PC controls and not a typical half-assed port. PC players will use a variation of standard FPS controls with a limited lock-on mechanism for the secondary weapons.

*Advent Rising* has great potential but still faces some wrap-up challenges. With so many different influences, this melting pot of ideas sounds mighty tasty. But with future volumes already in the pipeline, one can't help but worry if the game is getting a little ahead of itself. With any luck, *Advent Rising* will rise to meet our expectations. **—Johnny Liu**

**The Word: ADVENT-UROUS**

**Your decisions carry over across the trilogy and affect the story's ultimate outcome.**

These are the alien soldiers, who mean to extinguish the human race.



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- Computer Gaming World

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Fantasy Violence



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# PIPELINE

Ship dates and slip dates for games in the stream

Game	Developer	Expected
Advent Rising	Phantom Games	September 2004
Agency Online: After Invasion	Foxconn	June 2004
Armies of Gojo	Schmilyo Arts	Q4 2004
Atlanta Lockdown	The Adventure Company	November 2004
Aztec: Fate of the Ages	The Adventure Company	June 2004
Aztec Assault	NCsoft	2004
The Birth's Tale	High Entertainment	2004
Blackfield 2	Electronic Arts	2004
Black & White 2	Electronic Arts	October 2004
BloodByte 2	Maniac Games	October 2004
Call of Cthulhu: Dark Corners of the Earth	Schmilyo Studios	August 2004
Call of Duty: United Offensive	Activision	Q4 2004
Cartoonish	Electronic Arts	July 2004
Championship X	Ubisoft	2004
Civilization IV	Atari	2005
Codemasters Presents	CDV Software	Q2 2004
Cyberlane Conflict: The Gun Wars	Zenage Publishing	September 2004
Dark Fall 2: Lights Out	The Adventure Company	Q2 04
Deam 3	Aspyr	Q2 2004
Dragon Empire	Codemasters	Q4 2004
DRIVE	Aspi	June 2004
Dungeon Siege 2	Microsoft	November 2004
Engine Earth 2	Spore	2004
EvardQuest II	BOC	September 2004
EVG Online	Warner Universal	September 2004
The Fall: Last Days of Gold	TSA	Q3 2004
Hot-Dot	Empire Interactive	Q3 2004
Rescue Heroes vs. The Final Pitch	TSA	2004
Full Spectrum Warrior	THQ	September 2004
General Control 2: Operation Dazeles	Warner Universal	August 2004
Guild Wars	NCsoft	September 2004
Half-Life 2	Warner Universal	2004
Lot of the Gentry	Shiny Technology	Q2 2004
Unlucky Bill Levy: Haggis Game Leader	Aspyr	Q3 2004
LOTH: The Battle for Middle-earth	Steel	October 2004
Madden NFL 2005	Electronic Arts	August 2004
The Matrix Online	TSA	October 2004
Medal of Honor: Pacific Assault	Electronic Arts	June 2004
Men of Valor: Veterans	Steel	Q4 2004

■ New ■ Update



■ PUBLISHER: Bethesda Softworks DEVELOPER: Headline Productions GENRE: First-person Shooter  
RELEASE DATE: September 2004

## Call of Cthulhu: Dark Corners of the Earth

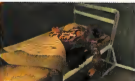
Games that go bump in the night



**L**ocked away in an asylum, ready to commit suicide—how did things get this bad? *Call of Cthulhu: Dark Corners of the Earth* starts on this **dour note**. The creepy works of HP Lovecraft form the foundation of this game, which aims to scare the living crap out of you, or at the very least, implant you directly inside the head of detective Jack Walters, who's being driven insane.

Playing as Jack, you get no HUD, no damage bars, nothing. If you get hit, you can only gauge how bad it is by the amount of blood clouding the screen. The tension really ramps up when Jack gets scared—the world gets a little hazy, your heartbeat muffles out all other sounds, and your aim gets shaky. In a first-person shooting-type game, this quickly becomes unnerving—and possibly annoying. Still, what we've seen so far works. This intentional disability changes the game's pace and the way you play. If a monster surprises you, your first instinct will be to run, since it's tough to aim. As you get more accustomed to the monsters, you'll be better able to deal with the strangeness.

To ensure that you never leave the immersive experience, a journal tracks the important



■ This guy must be dead tired—has, ha. So much for being subtle.



■ Experiment No. 310: how to keep a body alive without any major organs inside.

**You can gauge damage by the amount of blood clouding the screen.**

parts of your adventure. The only time you are truly pulled out of the veiled reality is in the unique inventory screen that shows everything you've stored and equipped. It also shows exactly where you've been hurt.

The somewhat linear adventure leads you through New England, with the various levels offering a range of different goals. There are lots of survival-horror elements, hairy fire-fights with otherworldly "deep ones," and puzzle solving. Will this game be scary good, or just plain scary? Come September, we'll see. ■ **Damen Gladstone**

**The Word: DISABLING**

PUBLISHER: DreamCatcher DEVELOPER: Heuristic Park GENRE: Action-RPG RELEASE DATE: Late 2004

# Dungeon Lords

## A chocolate peanut butter cup of an RPG

**D**W Bradley is not quite a household name, but any self-respecting RPG-head is at least familiar with his work—namely, Siretech's classic *Wizardry* series. Given his legacy, Bradley's latest project isn't quite what you might expect. In a nutshell, *Dungeon Lords* is what you'd get if you took *Diablo* and *Dic* by the sword and tossed them in a blender set to frappe.

From the looks of our early preview, everything is "smoothie." Think *Diablo*-style randomized environments in beautiful 3D, with fun-as-console-style combat and real-deal RPG-style character development. The story seems to follow fantasy conventions, with wizards, lords, and mages ensnared in a grab for power.

Movement is mapped to the WASD keys, so it's familiarly intuitive, and combat includes skill-based combination attacks if you're deft with the clicker finger.



Our preview build played well, so we have higher-than-expected hopes. The action is fast paced, the production is technically solid, and the RPG foundation is untouchable. Looks like *DreamCatcher* has all the right elements in this mix.

By Miguel Lopez

The Word: MIXIN'

PUBLISHER: DreamCatcher DEVELOPER: GolemLabs GENRE: Strategy RELEASE DATE: Q4 2004

# SuperPower 2

## War games

**A**nuclear warhead speeds through the sky, destined for a target halfway around the world. Emergency alarms blare as armies prepare for war. Every news channel carries the same gripping report: DEFCON 1. Fortunately, this isn't reality—it's *DreamCatcher's* upcoming global geopolitical simulation, *SuperPower 2*.

This sequel to the original *SuperPower* puts you in control of every aspect of a nation's political, military, and economic affairs, allowing you to set your own personalized goals for any given scenario. Whether you're looking to develop a prosperous country, rule a military state, or simply conquer the world, *SuperPower 2* has got it covered. Developer GolemLabs is aiming for a deep gameplay experience, with data culled from actual military records—so accurate, in fact, that we're told the com-



pany was contacted by "people" who had some "problems" with certain content. The game will also be fully modifiable thanks to an out-of-the-box toolset and support for up to 32 players, promising plenty of late nights full of tense geopolitical intrigue. By Ryan Scott

The Word: SUPREME

## PIPELINE

Game	Developer	Expected
King of Kings	Amaze	July 2004
Middle-Earth: Tactics	Naughty Dog	October 2004
The Movies	Activision	October 2004
Myst IV: Revelation	Ubisoft	Q4 2004
Operation Flashpoint 2	Codemasters	Q4 2004
Pacific Fighters	Ubisoft	Q4 2004
Playboy: The Mansion	Ash Entertainment	2004
Planet	J.C. Entertainment	2004
Prince of Persia 2	Ubisoft	Q4 2004
Project Jane-J	The Adventure Company	Q4 2004
Psychoback	CDV Software	2004
Quake IV	Activision	2004
RollerCoaster Tycoon 3	Atari	Q4 2004
Rome: Total War	Activision	Q4 2004
Shadow: Wraith of Angels	Corelgo	2004
StarBlock: Miss 97	Edco Interactive	June 2004
Stal Meier's Phoenix	Apex	October 2004
Street Hunter 13	Ubisoft	2004
Street States: Baseball	Probe Software	2004
The Sims 2	Electronic Arts	2004
Soldiers: Heroes of World War II	Codemasters	June 2004
STALKER: Shadow of Chernobyl	THQ	September 2004
Star Wars Jedi: The Academy	LucasArts	September 2004
Star Wars: Knights of the Old Republic—The Sith Lords	LucasArts	2004
Star Wars: Republic Commando	LucasArts	November 2004
State of Emergency 2	TBA	Q4 2004
Supernatural: Fear Falls to Pieces	Strategy First	Q2 2004
Supreme Ruler 2004	Strategy First	Q2 2004
SWAT: Urban Justice	Serra	2004
Tribal Wars	NCSoft	August 2004
Team Fortress 2	Serra	December 2004
Thief: Deadly Shadows	Edco Interactive	Q2 2004
Titan Simulator 2	Meridian	July 2004
Tribes: Vengeance	Serra	Q4 2004
UEFA Euro 2004	Electronic Arts	Q2 2004
Ultima X: Colony	Electronic Arts	September 2004
Unleash the Madjinn: Bloodlines	Activision	November 2004
Wolfenstein 4000	THQ	September 2004
Warhammer Online	THQ	2004
Warbirds: Battleline III	Enlight Software	Q2 2004
Warline: Command: Dicks for Europe 1833-1945	Codemasters	Q4 2004
World of Warcraft	Bizzard Entertainment	2004
WV: The Ark of Naphethim	Warren	Q4 2004
Zoo Tycoon 2	Microsoft	Q4 2004

Now Update

# DIGITAL UNDERGROUND

The best games you've never seen

FROM City Interactive AVAILABILITY Q3 2004

## Project Freedom



FROM Tilted Mill Entertainment AVAILABILITY Q3 2004

## Children of the Nile

**Word on the street:** Founded by key members from the Impressions team, Tilted Mill Entertainment plans on having audiences walk like Egyptians in its first original property. *Children of the Nile* looks to fuse core concepts—such as social planning, construction, city development, and attractive 3D visuals—to create the promises of a seamless universe, complete with living, breathing inhabitants. Citizens are, in fact, a key resource; provide them with sustenance and care, and they'll form the cornerstone of a thriving civilization.

**Sounds kinda beat:** Is it just us, or is *Lord of the Realm II* selling at 2D claims for a reason? More pointedly, as commonplace as strategic simulations from independent shops are, few are any good. Assuming the same afflictions that plague other productions like *Cherubs of War* and *Victoria* can be avoided, this upstart developer might just make a splash yet. Check back with us in the coming months for a full report.

**Word on the street:** In space, no one can hear you scream. But how about when you cackle with glee as a squadron of enemy starships "splode" beneath your upgradeable Epsilon fighter? Now that's a different story. Unlike *Project Freedom*'s predecessor, the real-time strategy slayer *Project Earth*, this one's a pure action game with a 20-mission ode to galactic dogfights between rival megacorporations crammed with white-knuckle potential. Real-life solar system data complements an explosive audio-visual presentation that's less sci-fi than sci-fi, yo.

**Sounds kinda beat:** Raise your hand if you played the original *Splendor*—that makes a whopping two of you. Polish software house City Interactive isn't known for being a refuge for quality artisans, either; see the recent bomb *Wings of Honor* for proof. Despite various mission flavors (escort, strike, rescue) and research and player-promotion features, the game's linear campaign doesn't promise much replay value. *Project Freedom* is mostly plausible as a budget title, presuming it can even pass customs inspections.



FROM Tepehary Studios AVAILABILITY July 2004

## The Guy Game

**Word on the street:** Topless co-eds...now there's a selling point any interactive diversion can be proud of. Swiping a page (you know, the centerfold) from *Playboy*, this bizarre trivia challenge for one to four players handles like *You Don't Know Jack* after a three-day bender. Contestants answer questions and participate in minigame challenges, and winners are rewarded with video footage that could double as outtakes from *Girls Gone Wild*: Sorry, ladies. And steady there, boys.

**Sounds kinda beat:** All right, deep down we appreciate the game for its intrinsic artistic value (and the boobies), but c'mon...what gives? With the game playing to the lowest common denominator, mature readers will find the product more repugnant than today's leading lad mags. As much as sex sells, the last thing an industry already under fire from the media needs is another footnote in Lieberman's campaign speech. Still, there may be merit in here yet...did we mention the half-naked women already?





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# COMBAT



# T ROCK

BY ROBERT COFFEY



Q Showdown at the Mideast corn.

## MASSIVE

It's a word that's overused these days, particularly in online gaming. Everything is massively multiplayer, with massive maps, massive game worlds, massive numbers of character classes, massive powers, massive arsenals—and massively boring and cookie-cutter.

But *Battlefield 2* may just live up to its "massive" billing—more than 100 players can compete on dynamically balancing maps with persistent characters and global leader boards, operating more than 30

land, air, and sea vehicles in a gritty, beautifully rendered battle zone that is almost frighteningly alive. DICE, the Stockholm-based team behind *Battlefield 1942* and *Battlefield Vietnam*, has made so many improvements and brilliant design decisions already, nearly a year from release, that we must, however begrudgingly, tell you this: *Battlefield 2* is going to be massive.

### THE KILLING ZONE

The obvious upgrade to the *Battlefield* franchise is the game world. Graphics and sound work in tandem to create a modern-era war zone that is as alive as can be. Anything you would expect in real life is in place here: bullet spray pocks walls, destructible structures reflect the progressive carnage inflicted on incredibly detailed terrain, and light and shadow



**HOW DO YOU KEEP 100 PLAYERS BATTLING ON A MAP FROM DEVOLVING INTO A CHAOTIC CLUSTER FRAG?**

**BY BUILDING IN SQUAD SUPPORT, PERSISTENT CHARACTERS, AND PRIVILEGES AWARDED BY RANK.**

Q Intricately constructed maps allow plenty of opportunity for ambushes.



occur realistically right down to muzzle flashes illuminating dark rooms and alleys.

Maybe the best example of the living Battlefield comes in the form of the civilian vehicles lining city streets—they aren't just decoration, but are also fully operational for your commandeering pleasure. Drop a machine gunner in a truck bed and hit the road. Or you can just blow the vehicles up to take out opponents seeking cover behind them. Should you shoot the cars, you can marvel at the detailed physics engine behind the realistic way the autos rotate and bounce on their shocks when shot—right before you plug your ears from the ensuing, inevitable blaring car alarm. I could go on and on about the insane look of this game—or you could just look at the jaw-dropping shots we've got here and get the full story.

#### NOT AN ARMY OF ONE

So how do you keep 100 players battling on a map from devolving into a chaotic cluster frag? By building in squad support, persistent characters, and privileges awarded by rank. This time out, enlistment in the Battlefield army is practically a career. Once you pick a side (the U.S., China, or the fictional Middle East Coalition) and a class and name your

character, he exists. Forever, basically. The game still compiles stats and scores your progress on a game-by-game basis, but now, global servers accrue each of your characters' stats and grant rank promotions, allowing even lousy but dedicated players to work their way up from buck private to sergeant.

Anything lieutenant or above, however, will have to be earned not just by dogged persistence, but also by being one of the top players across the entire Battlefield 2 community. These ranks aren't point based, but relative. Online leader boards show where you rate and how far you need to go to gain another stripe or star on your insignia. Topping all this off are individual awards based on personal performance—each class has different distinctions, such as Sniper of the Month.

So what do officers gain for their ability and dedication? Access to an online officer's club, which should provide faster downloads of updates through special servers, news, tournaments, and access to games with a minimum rank requirement—perfect for testing yourself against the best and for filtering out the clueless noobs.

But higher-ranked players also gain a huge new distinction, one that underscores Battlefield 2's commitment to

# CLEAR!



We may just need to add the defibrillator to the short list of great humiliation

weapons, right next to the M16's crowbar and UT2004's shield gun.

While medics in Battlefield 2 operate primarily as healers, their lifesaving defibrillators turn lethal when applied to a healthy player. Can you imagine anything more satisfying than sneaking up on a cowering sniper, shouting "Clear!" and then stopping his heart with a blast of electric current? Of course you can't.

## GRAPHICS AND SOUND WORK IN TANDEM TO CREATE A MODERN-ERA WAR ZONE THAT IS AS ALIVE AS CAN BE.



**BATTLEFIELD 2'S ROBUST PLANS FOR SQUAD SUPPORT ARE GEARED TOWARD ENCOURAGING EVEN THE MOST CASUAL PLAYER TO JOIN A SQUAD, AND SHOULD HAVE STRONG APPEAL FOR THE CLAN GAMER.**



□ The squad that hangs together lives together.

□ real teleplay, and that is the designation of "commander." The highest-ranked member of any given side has the option to play as commander (players do have a server option for making this an elected honor) and direct the action.

Commanders have a top-down view of the battlefield and are the only ones who can call in air or artillery strikes. They can direct individual squads over a dedicated voice channel as well. It's a great opportunity to give a more cohesive, tactical edge to all the mayhem. Plus, it gives you someone to blame when your side loses.

*Battlefield 2's* robust plans for squad support are geared toward encouraging even the most casual player to join a squad and should have strong appeal for the clan gamer. Dedicated squad voice support and a simple radial squad-communication menu for the headsetless let gamers truly coordinate their team's actions. Onscreen chevrons indicate where your squadmates are at all times to help you even more.

Need more incentive to stick together? How about the vehicle bonuses that classes bring to select vehicles? Once your squad's medic jumps in a jeep, for example, a bright red-cross decal is slapped on the door as it becomes a roving medical vehicle with a healing radius. It gets better—these effects stack, so you can drop a heavy infantryman in the same jeep for extra armor and a sniper for a nice little just-because speed boost. One note: These abilities are restricted to certain vehicles per class and are not cumulative (i.e., two medics won't double the healing radius) for balance and modest realism issues. So you can forget about making that radar-invisible, super-fast, ultra-armed healing and repairing attack jet. □



While DICE is doing all the hardcore designing, it has enlisted the help of Trauma Studios for one

thing: coolness. This New York City studio is tasked with prototyping smaller features simply to enhance the game experience. Its input so far has led to the medic's lethal and life-saving defibrillator, as well as rappelling lines that drop from helicopters to both deploy and rescue soldiers. Currently, up to 10 combatants can hang from a line—and they can shoot while they're there. Trauma has more tricks up its sleeve, but this is the one we really hope makes the cut. Don't you want to see 10 rope-hanging monkey killers reeling death from above as they sweep through city streets?

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**DRIVE-BY SHOOTING**

▣ About those vehicles—you can expect more than 30 land, sea, and air vehicles in the finished game. The developers expect the class-based enhancements to nudge players into using them, but frankly, the stable of tanks, jeeps, fighter jets, helicopters, and attack boats should be plenty of incentive on its own. In a nod to the modern-age setting of the game and in an effort to focus on more intense combat, big naval vessels (like destroyers) have been eliminated from the game. However, the inclusion of fast, vicious patrol boats and the like should more than make up for it.

All the action takes place in three theaters of war: China, Russia, and the Middle East. While none of the war zones are



▣ Yes, the game looks that good.



32



64

**FIGHTING ON TWO OR MORE FRONTS**



One of the biggest problems in any multiplayer shooter is balancing maps

for player load. No one likes death-matching with two people on a sprawling 32-player map any more than they like death-matching with 32 people in a two-player arena.

Obviously, DICE has to create maps big enough to accommodate its targeted player load of more than 100—but what happens when only 22 people show up on a server? DICE has an ingenious solution: dynamically sizing maps. Think of a map as three concentric circles. With, say, 32 or fewer players, only the inner circle is active, and the exterior circles are inaccessible and out of play. When a threshold of players is crossed, the map opens up the next circle, and eventually, right around the 100-player mark, the last one opens. As players drop, the map contracts accordingly, with distant players warned to get back to the active zone. Don't worry—if you're too far to get back, you'll be killed and spawned within the smaller map, but your score won't be affected by the death.





Every item on the soldier is animated and moves realistically.

based on any specific city or battle, all are being designed with current world hot spots in mind, so while you won't be fighting in Baghdad per se, you'll be fighting in a place much like Baghdad. And the action should be very familiar to any Battlefield 1942 or Vietnam vet—DICE is very happy with its tickle-based control-panel CTF variation and isn't planning on changing it at all. It is adding optional secondary objectives to certain maps that confer in-game advantages—things like taking out power stations to hobble the enemy.

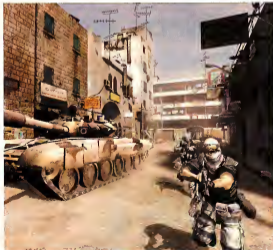
Arguably, the only big change in gameplay is the scoring, in yet another nod to encouraging teamplay, scoring in the

game is being tweaked so that medics get points for healing comrades and pilots get points for kills made by their passengers. The infantryman who plants a target with a laser or a guided missile, as well as the pilot launching the missile, will get credit for the eventual kill.

Is there more? You bet. But we'd have to deforest half the continent to get enough wood pulp for the pages we'd need to cover every single detail in this game. You'll just have to try to hold on until spring 2005, when you can experience the game for yourself!

Until then, remember one thing: It's going to be massive. ☐

## ALL THE ACTION TAKES PLACE IN THREE THEATERS OF WAR: CHINA, RUSSIA, AND THE MIDDLE EAST.



Battlefield 2 is all about squad cooperation. And tanks. Squad cooperation and tanks.

FEATURE



## YOU'RE IN THE ARMY NOW

Here's what you can expect from the various classes when you enlist in Battlefield 2.

COMMANDO	USA	CHINA/ROC
Pistol	M9 Beretta + Silencer	Tokarev TS3 + Silencer
Assault Rifle	M4 Short	AK Short
WEAPON BONUS: STUN		
SNIPER		
Pistol	M9 Beretta + Silencer	Tokarev TS3 + Silencer
Sniper Rifle	M24	Doganov
WEAPON BONUS: SPOT		
LIGHT INFANTRY		
Pistol	M9 Beretta	Tokarev TS3
Assault Rifle	M16A2	AK74
HEAVY INFANTRY		
Pistol	M9 Beretta	Tokarev TS3
Heavy MG	M249	PK
WEAPON BONUS: ARMOR		
ANTITANK/ANTI-AIR		
Pistol	M9 Beretta	Tokarev TS3
Rocket Launcher	ProGren	MBT LFM
WEAPON BONUS: SHOT		
MEDIC		
Pistol	M9 Beretta	Tokarev TS3
Assault Rifle	M16A2	AK74
Grenade Launcher	M203	M203
WEAPON BONUS: HEATH		
ENGINEER		
Knife	Knife	Knife
Pistol	M9 Beretta	Tokarev TS3
Shotgun	Panov M	Saiga 12
WEAPON BONUS: REPAIR		

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# Reviews

We hate them so you don't have to!

The satirical high priest of zombies doesn't care if you make fun of his dress.



**P** PUBLISHER: DreamCatcher DEVELOPER: People Can Fly GENRE: F, S (DIRECTIONS: N REQUIRED) PLATFORMS: PC 1.5GHz, 2048B RAM, 54MB videocard, 1.2GB install RECOMMENDED: Windows XP, Pentium 4 2.4GHz, 512MB RAM, 128MB videocard MULTIPLAYER: Internet, LAN (2-16 players)

# Painkiller

All we know of hell, and all we need of heaven





**Breed**  
This painkiller is far more successful as a breed-killer



**Rise of Nations: Thrones & Patriots**  
A nice expansion for the 5th PSP RTS of last year



**Manhunt**  
Does it suck because of the violence or just because it sucks?



In the beginning, there was **Doom**. And it was good. But now there are story lines and characters, jumping puzzles and key hunts, bullet time and night vision, double-jumping and jet packs, improvable attributes and inventories, teammates and squad A.I., stealth, crouching, leaning, reloading, force powers, vehicles, and elaborate scripted sequences that play like your favorite scenes from *Aliens* or *Saving Private Ryan*. Kicking evil's ass has gotten complicated.

But *Painkiller* is a return to what matters most: that simple act of shooting hideous things. It's unadorned and powerful, skillfully distilled to its essence like a shot of pure adrenaline straight to the heart. Its design is relentlessly focused, stripped of pretense, containing no sign of feature creep, and cracking with an energetic gleam.

### Going to hell

The game is divided into discrete levels that are related only by a loose-fitting story. Each of the levels is a self-contained 20-minute trip through a different setting: a series of checkpoints guides you, plotting out a wander-free itinerary and ensuring that you hit all the highlights. You'll go up into a cupola at the top of an insane asylum, past the electric chair in a prison, and along the walls of a crumbling castle. The levels are carefully laid out and are built to be played on, rather than admeed. It's a triumph of level design that they're so varied—some narrow and claustrophobic, others vast and wide open—yet distinct, each with its own sense of style and atmosphere. This is art design in action, as opposed to merely good graphics.

Along the way you'll hear the thump of stakes, the moan of zombies, and the flapping of crows, all punctuating the playful ambient music like a strangled aria in an opera house. All the while, there's a rogues' gallery of demons and zombies thrown your way, one mob at a time. While each level features only about four or five different monsters, *Painkiller* never overuses its menagerie, each type appears sparingly, so you're constantly facing new enemies. And each monster is created with vivid animation and cunning A.I. that gives it specific behaviors and personality traits. This, along with the level design, keeps *Painkiller* from getting repetitive and gives it some of the best pacing this side of *Half-Life*.

You get only five guns, but the weapons have multiple firing modes, not one of them useless or redundant. And although we've seen a million rocket launchers and machine guns, *Painkiller* brings some inventive new toys to the table. A gun that fires wooden stakes and a magical grappling hook that can sprout blades seem designed not just for their visceral appeal, but also to show off the game's superb rag-doll physics.



## Painkiller is the truest and most gratifying shooter since *Doom*.

Physics also apply to the environments, but not in that lazy *Max Payne* way where you're constantly knocking over platforms you crash against. *Painkiller*'s interaction with the world consists mainly of breaking things and blowing them up. But there are lots of shrewd physics at work here, like the way a canister of compressed gas skitters away like an out-of-control torpedo, how a courtyard full of fireworks sets off an explosive chain reaction, or how a Roman column cracks and then collapses. These are the sorts of things that you see and then smile at because you know someone thought they were cool enough to go to the trouble of creating—and boy, were they right.

### Card tricks

Although *Painkiller* is streamlined, it is not shallow; there are deeper layers. As you kill monsters, you can collect their souls to occasionally trigger a demonic "god mode." Each level has a bonus goal that, if met, unlocks a tarot card with a special power that tweaks the game rules or fires off a spell. Before each level, you can spend the gold you've gathered to load up on cards. This quest to collect cards, and more importantly the ability to play around with them in different situations, gives *Painkiller* considerable replay value.

This makes us, in part, for the multiplayer support, which is tailored to appeal to hardcore

**No smoking allowed, even if you're a skull-headed wizard.**

1337-skillz deathmatch speed freaks. Not that there's anything wrong with that. But when the single-player game is the truest and most gratifying shooter since *Doom* established the genre, why bother with Quake-like running and gunning?

*Painkiller* isn't perfect, of course. Some of the boss puzzles get frustrating until you figure out the trick, and it's hard to appreciate what's going on until you've seen a few levels. In fact, if you were to play only the four levels in Chapter 1, you might shrug and assume you know where the game's going from there. You'd be wrong. Because it's not until you've finished the mind-blowing final level that you can really take a breath, look back over what you've just played, and appreciate the absolute genius at work. **Tom Chick**

**Verdict** ★★★★★  
Doom who?



**PUBLISHER:** CDV **DEVELOPER:** Brat Designs **GENRE:** First-Person Shooter **ESRB:** T **REQUIRED:** Pentium III 1GHz, 256MB RAM, 32MB videocard, 1.2GB install  
**RECOMMENDED:** Pentium 4 1.5GHz, 512MB RAM, 64MB videocard, 1.2GB install **MULTIPLAYER:** Internet, LAN (2-16 players)

# Breed

We like to call it *Starship Droopers*



□ We're sure glad a game finally named its Übergun the "Übergun."

**T**here's one question that begs asking after playing through what has to be one of the lazier attempts at first-person shooter-dom: How in the hell could these alien chowderheads beat the human race in the 27th century? The *Breed* is too dumb to tie its own shoelaces, and it's got the most asinine "advanced" weaponry in the universe. Wait, I know. In the future, the collective IQ of humanity is just below that of a rutsbaga.

For a fleeting moment, let's reflect on the few positives in *Breed*. 1) The game does a genuinely good job of creating interesting vehicles (and turrets) that you'll be able to operate. Surprisingly, they handle well. 2) Graphically, *Breed* fares as passable with its destructible environments. The outdoor level designs are at times interesting, giving you a few routes to complete objectives. Not bad, mind you, but nothing too memorable, either. 3) The game actually ends.

## Commence bashing

Stylistically, it's obvious that Brat Designs was trying to ape the film *Starship Troopers*. The problem, however, is poor execution from start to painful finish. Hell,

**Considering their utter lack of intelligence, it'd be more accurate to name these guys "Inbreed."**



□ How dare these aliens set up shop in a tropical paradise?

the transparent plot and wooden voice acting make the film from which this game steals look like *Saving Private Ryan* by comparison. But why focus on such minor points when there are so many other letdowns?

Oh, you know the sorts of weapons you're in store for: There's the obligatory assault weaponry, rockets, sniper rifles, and so on. The *Breed*'s weapons are simply energy-beam flavors of the same damn things. Only less accurate.

Both the game and the creatures you're fighting are predictable and dumb, as you carve your way through the missions, scripted interruptions clue you in on impending trouble. Uh-oh, a whole bunch of heavily armed *Breed* with tanks just made their way into the canyon! If you fight your way up to an artillery outpost and start showering them with fire, they don't fire back. They don't even move! So I ask again—how exactly is the *Breed* winning this war?

## Special ed

Under your command is a clone army of specially trained character classes. Oh, they're "special" all right, these A.I.-controlled short-bus soldiers literally walk off cliffs when you aren't holding their hands.

While they flaunt different outfits, they are all equally dumb. Medic, engineer, sniper, or gunner—they all want to run into the middle of combat and haphazardly return fire, ignoring your commands in order to bask in crossfire from turrets instead.

A personal favorite moment, scouting ahead with the sniper. While ordering the rest of the squad to catch up, the gunner would walk into the ocean and off the map...and this wasn't a one-time occurrence. Throughout the game, you're constantly looking over your shoulder to see if the F Troop is getting itself killed yet again. Considering their utter lack of intelligence, it'd be more accurate to name these guys "Inbreed."

Even with all the bile vented, there's still more to complain about. But time's up. No chance to wax poetic about game-killing bugs (when was the last time you exited a vehicle only to fall through the earth?). No room to touch upon the poorly executed multiplayer matches. No more. Please, no more. □ **Darren Gladstone**

**Verdict** ★★☆☆☆

The *Breed* wants the planet? Let 'em have it.

**PUBLISHER:** Encore **DEVELOPER:** Merde Cristo **GENRE:** RTS **ESRB RATING:** T **REQUIRED:** Pentium III 1GHz, 256MB RAM, 32MB videocard, 1.5GB install  
**RECOMMENDED:** Pentium 4 2GHz, 512MB RAM, 64MB videocard, broadband Internet connection **MULTIPLAYER SUPPORT:** Internet, LAN (2-4 players)

# Desert Rats vs. Afrika Korps

Real-time WWII battles never looked so good

Only *Blitzkrieg* came close to getting the WWII RTS right, striking a largely effective balance between realistic elements and playability. *Desert Rats vs. Afrika Korps* has a lot of the elements that made *Blitzkrieg* so appealing: a realistic feel, ready playability, and dazzling good looks—along with some annoying flaws of its own.

## Room to Rommel

As the title indicates, *Desert Rats* vectors in on a single theater of operations in World War II: North Africa in 1942. Sticking to a single group of battles is smart, allowing the designers to flesh out the unique weapons and challenges of desert warfare, as well as a more plausible, coherent story line with a good flow of missions. While this means there are fewer individual units, it still allows for a diverse mix of infantry, armor, support vehicles, aircraft, and artillery.

The tighter focus gives gamers an opportunity to get familiar with the units and terrain types over the course of eight Axis and six Allied missions. Missions can be played in a linked narrative campaign (Axis first, then Allied) or as discrete Axis or Allied campaigns. Unfortunately, that's all there is. The game is woefully lacking in extra options: There isn't a skirmish mode, and the individual battle maps are locked until they've been beaten in the campaign.

## GPS not included

This turns out to be the least of *Desert Rats*' problems: One of the oldest clichés in game reviewing is the "pathfinding problem"—which is a cliché because so few people do it right. *Desert Rats* does it spectacularly wrong, with units that not only take the worst possible paths to their destinations, but also seem to almost willfully expose themselves to enemy fire. It's like they go out of their way to do it.

Normally, you can work around bad pathfinding by baby-sitting your units, but the finicky interface and control system of *Desert Rats* make that difficult. There may be a nice mix of infantry units (riflemen, machine gunners, sappers, flamethrowers,



Although *Desert Rats* looks terrific, the camera angles just never get quite low or high enough.



*Desert Rats* is a staggering feat of incredibly detailed models, explosions, and tanks.

grenadiers, snipers, medics, scouts, and heroes), but they all look similar, and even on a tight zoom they're very small, crowded together, and often hard to select. You might think it would be nice to use the special abilities of each infantry unit, but more often than not, you must simply group-select them all or rely on armor. In fact, the way the game underplays the role of infantry is one of its bigger flaws.

And yet, even in the face of these problems, *Desert Rats* remains a largely entertaining experience. Experienced war

gamers will definitely see this as a "puzzle" RTS, with maps often designed for a single ideal approach and little leeway for tactical experimentation. Once you get used to using a lot of armor and moving slowly, the battles are layered, interesting, and challenging.

Thomas L. McDonald

## Verdict ★★★☆

A good historical RTS, despite flawed infantry and some puzzlike maps.

**PUBLISHER:** Vivendi Universal **DEVELOPER:** Impressions Games **GENRE:** RTS **ESRB RATING:** T **REQUIRED:** Pentium III 600MHz, 128MB RAM, 16MB videocard, 650MB install **RECOMMENDED:** Pentium 4 1.5GHz, 256MB RAM, 32MB videocard, 1GB install **MULTIPLAYER:** Internet, LAN (2-8 players)

# Lords of the Realm III

Workin' on our knight moves

**I**t's been eight years since the last *Lords of the Realm*. Since then, the series has lost slight of the city-building and castle-construction elements that gave it its considerable charm. Instead, now we have an attempt at streamlining the whole thing into a unified real-time package. The end result is realistic in that, like the actual Middle Ages, it isn't pretty.

## Forced march

It seems like the main goal in making this game was to always, always, always be running in real time. Always. With no exceptions. Ever. Consistency be damned. In a tactical battle, it takes just as much time for a company of footmen to walk up to a castle as it does for an entire army to cross several provinces on the strategic map—and these things are happening simultaneously. So when you've briefly ducked into a tactical battle, you're absolutely blind to entire days on the strategy map. Oops, the enemy sacked my manor while I was changing formations!

If it weren't for this shotgun marriage of real-time strategy and tactics, *Lords of the Realm III* would simply ape Creative Assembly's *Shogun* and *Medieval*. Borrowed from those games is an attempt at an elegant level of strategy in which you drop leaders onto territories, and they take it

## You just kind of hang out and gawk at numbers and icons.

from there. And although the mechanics are simple—just drag pictures of little dudes onto the map and they do everything for you, from building armies to gathering resources—they're far from elegant. Your different leaders are distinguished by a bewildering array of poorly documented numbers, icons, attributes, and color-coded squares. It's as if someone dropped a half-dozen different strategy games into a blender and set it on chop.

## Bored of the Realms

But for all the stuff in here, there's very little to actually do, and lots of time with nothing to do. Your actions are broad and



□ Tactics? What are those?

□ Burning oil is not good for your complexion.

□ Wall-to-wall armies.

vague, partly because of the game's scale and real-time pace, but also because of the confusing design. For instance, your performance as a king determines your three attributes: Christianity, chivalry, and honor. Please write in if you figure out the difference between the last two. It must be part of the gameplay to untangle the nuances of two synonyms while enemy armies are zipping across your provinces, which are vaguely referenced as parcels, estates, realms, regions, and kingdoms.

*Lords of the Realm III* is like a slightly less disastrous *Master of Orion III* in that it's ultimately a management management game. You're in charge of putting

people in charge, and then you just kind of hang out and gawk at numbers and icons. Sometimes you watch a battle that plays out as a colorful mess in which you can steer bits of the jumble to try to compensate for the atrocious AI. However, to *Lords'* credit, the graphics are vivid, the 3D battle engine is adroit, and unlike *Master of Orion III*, the whole thing is merely clumsy instead of utterly broken. **—Tom Chick**

## Verdict



A clumsy, series-ending combo of real-time and strategy.



**PUBLISHER:** Encore Software **DEVELOPER:** Ascaron Entertainment GmbH **GENRE:** Roleplaying **ESRB RATING:** T **REQUIRED:** Pentium III 600, 256MB RAM, 16MB videocard, 3GB install **RECOMMENDED:** Pentium 4 1.40GHz, 512MB RAM, 64MB videocard

# Sacred

## Diablo for masochists

**T**hose who found *Diablo* and *Diablo II* too short, too easy, and maybe just a tad too much fun, well, Ascaron Entertainment has the game for you. *Sacred* is a bigger and tougher version of Blizzard's blockbuster action-RPG, guaranteed to keep you bashing monsters and collecting loot for weeks on end. It's a giant slab of a game, a slogfest, and if that's your thing, you are going to be in hog heaven, as you'll invest dozens of hours before even making a dent. But some gamers, like me, may feel the game, for all its generosity, is just too much—a whole lot of work with not enough payoff.

*Sacred* is about as close as a game can get to being *Diablo* without getting lawyers involved. (The box even includes a press quote comparing it to Blizzard's game.) You create a character from a set of classes—melee fighters, ranged fighters, magic users—and then go out into a generic fantasy world, Ancaria, and kill your requisite set of orcs, goblins, and skeletons ad nauseam while leveling up and gaining new skills and abilities. The game is divided into acts, with small cut-scenes in between, over a number of areas linked through portals you discover along the way. Sound familiar?

### Paging Mr. Ed

But *Sacred*, while an unabashed clone, does get points for cool innovations, as well as an overall smooth design. The quest, map, and log interface is superb. All quests and sub-quests are logged into your book with specific goals stated, while both your map and minimap clearly mark quest locations—both finished and unfinished—and a compass points you in the direction of the main quest and the current subquest you're following. The net result is a system that totally keeps you focused and on track—crucial in a game this huge. Also outstanding is the ability to ride horses, which not only makes traveling faster but also provides strong bonuses to your character.

Ascaron has done a fine job with both graphics and animations, making the game world feel more alive than most games of this type, including *Diablo*. Animals hop around, villagers mill through town, monsters patrol areas. When you enter a new town, children will start following you around—a nice touch.

If only Ascaron had made the game less



Look what I started! A train of ogres!

**Sacred** is about as close as a game can get to being *Diablo* without getting lawyers involved.



So this battle mugs, skeleton, and dragon go to this bar...



Horseback riding makes travel easier and gives bonuses to your character.

tedious and frustrating: The open areas are clogged with monsters, making it feel like a major accomplishment just to move two inches on the map. Worse, the game is overly stingy with healing potions, portals, and respawn points, thereby ensuring repeated death and constant reslogging through territory already conquered. (I learned to quicsave after nearly every kill.)

Leveling up only gamers you skill and attribute points—not new or improved spells, which, stupidly, can only be obtained through random monster drops. This means that, depending on your luck, 80 hours into the game, you may be stuck with the same

low-level spells you started with. This is one case in which veering away from *Diablo*'s design—a spell tree—just does not work.

Still, overall, *Sacred* is a good game and, like the franchise it emulates, is lots of fun in small doses. Nothing prize-winning here, with some serious frustrations at times, but for hundreds of hours of monster bashing, you could do a lot worse. **—Jeff Green**

### Verdict ★★★★★

**Sacred** both improves upon and diminishes the *Diablo* model. It so earnestly aces.

**PUBLISHER:** Enlight Interactive **DEVELOPER:** Hoemimont Games **GENRE:** RTS **ESRB RATING:** R **REQUIRED:** Pentium III 400, 128MB RAM, 672MB Install  
**RECOMMENDED:** Pentium III 600, 256MB RAM, a bachelor's degree in History **MULTIPLAYER:** LAN, Internet (2-8 players)

# Nemesis of the Roman Empire

Filling the desperate need for a Punic Wars RTS

**M**ost people probably know more about, oh, just about anything other than the Punic Wars. If somebody had mentioned that to Bulgaria's Hoemimont Games, maybe it wouldn't have made a game destined for the discount bin.

Like its predecessor *Celtic Kings*, *Nemesis* incorporates some interesting economic and role-playing elements to the tried-and-true RTS formula. But the overall game lacks polish and excitement, and these elements can't lift *Nemesis* above the horde of *Age of Empires* wannabes.

## You go, Gaul!

There are four races in the game: Roman, Gaul, Carthaginian, and Iberian. Each race has unique units, upgrades, and architecture (although most of the Roman and Gaul architecture is unchanged from *Celtic Kings*).

There are two campaigns. One follows Hannibal's march through Spain and across the Alps, and the other deals with the Roman side of the conflict, including the destruction of Carthage. Apart from a few cut-scenes, the campaigns are no-



After pounding this fortress with siege engines, a hero leads an assault with war elephants.

**There's no base building or tedious resource harvesting. Instead, there's tedious resource trafficking.**

frills, puzzle-type affairs with no narrative; objectives are spelled out in text.

There's also a random map mode for single-player games against up to seven computer or human opponents. As in the *Age of Empires* games, you can select races, A.I. difficulty, and map style, then hop into a skirmish. You'll get a good fight from the computer opponents, who are clever enough to scout you out, throw feints, and lure your units into a hail of arrows.

There's no base building or tedious resource harvesting in *Nemesis*. Instead, there's tedious resource trafficking. There are only two resources, food and gold, but they have to be transported to your armies (food) or to your stronghold (gold). You have to retake villages and outposts to generate lots of gold, and this is where most of the battles occur. After

taking an outpost, you can send resources back to your city by pack mule. The supply model is interesting, but soon you just feel like a mule-traffic controller.

## Heroes and ones

*Nemesis* preserves *Celtic Kings*' RPG elements with heroes who gain experience over time. A hero commanding an army gives it special bonuses and puts it in formation. The unit mix is good, and the battles can be fun, but it felt like something I've experienced a hundred times before.

Combat suffers from weak A.I. among your units. Some are too easily drawn away—even if commanded to stand ground—while others stand around while their comrades are attacked. There's also a bug with the Stand Ground command; after telling an army to stand ground, they



Heroes impart combat bonuses to their troops. Here, a Roman force led by two heroes wages out a smaller Carthaginian detachment.

moment to the next item selected.

*Nemesis* is rife with misspellings and missing words in the onscreen text. The voiceovers are terrible, and the game clearly lacks the polish and presentation of most commercial releases. It's an excellent proof of concept, but all it proves is that Bulgarian developers can make an RTS that's not as good as what Blizzard and Ensemble were doing years ago. **Ken Brown**

**Verdict** ★★☆☆

Possibly interesting to mule traders, history buffs, and Bulgarian RTS fans.



**PUBLISHER** Take-Two Interactive **DEVELOPER** Rockstar **GENRE** Stealth-Action **ESRB RATING** M (REQUIRED) **Platform** PS 16GB, 16GB RAM, 32MB videocard, 3.3GB install **RECOMMENDED** 256MB RAM, 64MB videocard **MULTIPLAYER** None

# Manhunt

Rockstar plays a most dangerous game with our patience

**O**n paper, *Manhunt* certainly reads like a license to print money. Combine the outrageous amorality of Rockstar's megahit *Grand Theft Auto* franchise with the tense, stealthy creep-a-thon of *Splinter Cell*, topped off with a relevant, albeit psychotic, critique on reality television, and—voilà—you have Rockstar's next golden franchise, right? Not quite. Although *Manhunt* makes good on certain promises, the game breathes little life into the stealth-action genre. Unfortunately for Rockstar, having already exhausted shock value with *GTA* means that *Manhunt* cannot rely on a string of delightful expletives or the novelty of video violence to carry the slack of its bare-bones game design.

## Sur-reality TV

Set sometime in the near future, *Manhunt* puts you in the boots of James Earl Cash, a death row convict who is given a nonlethal injection by a faceless and sinister benefactor known as Loral Starkweather. Cash is free to walk, says Starkweather, on one condition: He has to indulge his voyeuristic savior in a deadly game of cat-and-mouse against a small nation of sickos. As you run from darkness to shade, Starkweather, a passionate snuff-film director, watches your every move, providing you with mean-spirited motivation for doing as much damage as possible to your enemies. *Manhunt* starts off promisingly enough—your first handful of vicious, humorous slayings hammers home the message that this game will be an excursion into true darkness.

## Sneak and destroy

What begins as a compelling point of departure for stealth games quickly degenerates into the same old crap in a different engine. *Manhunt*'s brutal stealth kills, the game's biggest selling point for the blood-thirsty, sadly turn out also to be its Achilles' heel. Pulling off a fatality requires more patience than skill. Simply wait until your enemies predictably turn their backs before you move in for the kill, which requires all of one press of a button. The longer you hold down the mouse button, the more intense the execution. While there's nothing wrong with this core gameplay mechanic, *Manhunt*'s co-dependency on stealth kills renders the game tedious and repetitive. Before long, the game boils down to the



Every successful stealth kill is highlighted in ghouly video

**There's never a sense that you could make your way through a level based purely on your own sense of ingenuity and improvisation.**

following actions: Create distraction. Wait. Stalk prey from behind. Press button. Watch grimy cut-scene. Rise, repeat.

Compounding the problem of tedium is the game's linear structure and brain-dead A.I. Unlike stealth forerunners *Theif* or *Splinter Cell*, there's never a sense that you could make your way through a level based purely on your own sense of ingenuity and improvisation. Rather, you decipher what the level designer intended to happen through painstaking trial-and-error. And because the frustration factor is naturally high in all repetitive games, you'll necessarily exploit the poor A.I. routines just to get through the day. But then, where's the immersion and tension in any of this?

Despite *Manhunt*'s overall failure as a compelling "survival-horror adventure" (as it's advertised on the box), the game is occasionally redeemed by excellent incidental voiceovers from your enemies and, in particular, from Starkweather, whose



Fun for the whole family!

lust for blood is genuinely disturbing. Like other Rockstar games, *Manhunt* speaks volumes about the current state of gaming (and pop) culture. The problem is, will the audience be too desensitized to dig that deep? **Che Chow**

**Verdict** ★★☆☆☆  
Lots of gore, little innovation.

**P**UBLISHER: Microsoft DEVELOPER: Big Huge Games GENRE: RTS 2500 RATING: **T** REQUIRED: Pentium III 900, 32MB RAM, 500MB install  
 RECOMMENDED: Pentium III 1GHz, 256MB RAM, 32MB videocard MULTIPLAYER: LAN, internet (2-8 players)

# Rise of Nations: Thrones & Patriots

**A good game gets better**

**R**ise of Nations: Thrones & Patriots is almost what every expansion pack should strive to emulate. Along with the prerequisite new units and new factions, Thrones & Patriots honestly expands upon the original with four new campaigns that provide the absorbing single-player experience the original lacked. Unfortunately, some stability problems keep it from being perfect.

## More nations for rising

The six new civilizations include Americans, Lakota, Iroquois, Persians, Indians, and Dutch. Each has unique powers and comes with 20 new unique units. Most of these powers are unexceptional, although it's rather fun watching hordes of war elephants from the Persians and Indians go on a rampage. Persians have civil research bonuses and free caravans, Indians have cheap buildings, the Dutch are economically successful, and the Iroquois gain benefits in forests.

There does seem to be a bit of a balance problem with the Americans and Lakota. While the Americans seem too powerful with advantages in science, economics, and the military, the Lakota are severely handicapped by not being able to build farms. On maps without fishing, they have little hope of competing with the others. In exchange, they get some meager military benefits that are relatively unimportant, since winning in RTGW is often more about economics than tactics.

Other than the factions, Thrones & Patriots modifies the original through the senate building. This building allows you to



**Circle the wagons:** A mob of Iroquois assaults a settler's fort.

set governments like despotism or republicanism to rule your empire. The totalitarian selections usually offer combat advantages, while the democratic ones aid production. Additionally, you gain access to a head-of-state unit that's basically a respawning Übergenerals. The powers you choose stick with you as you advance through the ages so that you can customize your government to your style, using the six available options as you will.

## Less board game, more PC game

These additions by themselves would make for a decent expansion pack, but the single-player modes set Thrones & Patriots apart. While the original game came with a rather bland "conquer the world" campaign that spanned millennia of history, Thrones gives you four highly focused campaigns covering such subjects as Alexander the Great, colonialism in the New World, the Napoleonic Wars, and the cold war. All of the campaigns

offer a good mix of missions, from the standard conquest to well-scripted scenarios that almost feel like they came from a story-oriented RTS. The campaigns also have a lot of historical flavor provided through various strategic objectives and prescribed events. The cold war scenario in particular excels in this and even includes espionage missions as a break from the larger-scale conflicts.

Unfortunately, there seem to be some major stability issues with the game. My forays into online sessions met with spotty success, and even the single-player modes had frequent crashes. Still, for anyone who even remotely enjoyed the original, Thrones & Patriots should provide more hours of enjoyment. There's almost enough gameplay packed in here for a full-fledged sequel, so it's definitely worth the price of an expansion pack. **B D L**

**Verdict** ★★★★★  
 Almost perfect... and then it crashes.



**Napoleon personally leads an assault on a company of British highlanders.**



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\* SPECIFICATIONS COMPARED WITH NVIDIA'S GeForce FX 5600 (G60) IN SPECIFICATIONS (BY APPROXIMATION). Tests: 3DMark03, Splinter Cell, Tomb Raider - Angel of Darkness, Unreal Tournament 2004. Date of benchmark: 2004. Testing conducted March 26, 2004 on the following system: Processor: Intel Pentium D 960, 3.06 GHz, 1 GB RAM, 1000 MHz. OS: Windows XP. GPU: ATI Radeon HD 3850. Resolution: 1024x768. Color: 32-bit.

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## Less Than

BOXX Tech's GameBOXX FX promises a lot, but c





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Joel Durnham Jr. takes a look at 2.1 speakers by Altec Lansing and Bose



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Can Logitech's MX510 improve your gaming experience?



**96 Cracked Crystals**  
Lloyd talks about this year's Game Developers Conference



**T**here are a ton of reasons to like the GameBOXX FX by BOXX Technologies: The eight year-old company has a proven track record for making powerful multimedia-oriented workstations, and the company's gaming rig, the FX, has every top-notch component that any self-respecting gamer would want in a high-end computer. The thing is, while game designers need all of this horsepower to speed up the process of game development, the actual games themselves that end users

like us eventually play aren't CAD programs. Therefore, the GameBOXX FX is, in many ways, more than forty-five-hundred dollars' worth of overkill.

#### How does it stack up?

Criticisms aside, anyone with a ton of money and an overwhelming desire for "future proofing" will no doubt feel good with the GameBOXX FX humming away beneath their desk. When it comes to raw components, everything about the FX is top of the line. It ships with AMD's

## By the Numbers

MARKETPLACE	2007 1st-Quadrant
MODEL	GameBOXX FX
PRICE	\$4,495
OPERATING SYSTEM	Windows XP Professional Edition
PROCESSOR	AMD Athlon 64 FX-60
MEMORY	2GB (two 1K, 512) DDR400
RAID CONFIG	Realtek Western Digital Raptors hard drives in a RAID 0 configuration
GRAPHICS PROCESSOR	ATI X800 Radeon 9800 XT
OPTICAL DRIVE	Pioneer DVD-RW burner Samsung DVD-RW burner drive
KEYBOARD	Logitech Game BoyPad
MOUSE	Logitech MX510 Wireless Mouse
MONITOR	Creative Labs LeadOutStar Ruby 25 FlatPanel HD
CASE	Expedit 8000 Design, feature workstation
POWER SUPPLY	550W
PERIPHERALS	ASUS SATA-IDE 80GB HD
PERFORMANCE	Score 954 (with game, six USB 2.0 ports)

purred through all of our benchmarks and games flawlessly. However, its 3DMark2003 score of 2,331 at 1280x960 with 4x AA and 8x AF would've put this machine near the bottom of the pack of the seven so-called "midrange" machines we tested last month—and those machines all shipped with monitors and speakers. The GameBOXX FX, at \$4,495, ships with the tower, keyboard, and mouse. And that's with only 150GB of storage in a dual hard drive RAID 0 configuration.

# The Sum of its Parts?

Does it deliver?



Athlon 64 FX-60 processor, ASUS' 5KEV (VIA K8T800) motherboard, ATI's 256MB Radeon 9800 XT graphics card, and a whopping 2GB of Corsair PC-3200 DDR400 memory. Based on these components alone, I expected the GameBOXX FX to be faster than it was. However, with the exception of Halo, it either performed identically to or slower than the similarly equipped ABS Ultimate M6 that's also reviewed this month—and the ABS machine is more than \$1,000 less expensive. This brings us back to the beginning. Simply put, games aren't necessarily designed to take advantage of all that power. Not everyone has a 64-bit processor, so games are designed for the masses.

At least you get a solid machine. It

Ultimately, we expected more from this machine. Based on its unusually high sticker price, we want better performance and no compromises. Unfortunately, the GameBOXX FX wasn't very fast, and it ships with myriad compromises: no monitor or speakers and only 150GB of storage. If you're a game player who also happens to be a game developer, then you may benefit from all the GameBOXX FX has to offer. If, however, you're simply a gamer, there are better ways to spend your money. **William O'Neal** Photography by Arnold Toesgo

**Verdict** ★★★★★

A great machine for game developers; overkill for game players.

ABS Ultimate M6 PCP ABS URL: www.abspc.com MSRP \$1,099

# A Solid Performer

A good, albeit somewhat pricey, gaming rig

It used to be that my annual Ultimate Gaming Machine (UGM) story set the bar by which I would measure desktop PCs. Things may be changing. Last month's midrange PC roundup proved something that I've been thinking for a while—that you don't need to spend \$4,000 or more to get a great gaming machine. While it's true that a \$4,000 or \$5,000 machine by Voodoo PC or Falcon Northwest will be truly awesome, the extra dough will improve the quality of your computing experience, but not necessarily your gaming experience.

Similar to many of the machines I reviewed last month, ABS' Ultimate M6 is all about raw power, with a few extra niceties thrown in. That said, considering that the machine ABS sent me this month costs \$3,099 without a monitor or speakers, it probably costs about \$1,000 more than the complete rigs I looked at last month.

Still, with the exception of the relatively small 150GB RAID 0 configuration, everything about this machine is top-notch: AMD's Athlon 64 FX-53 is arguably the fastest gaming processor available; you can't go wrong with 1GB of Corsair PC-3200 DDR400 memory, and ATI's 256MB Radeon 9800 XT

ABS' Athlon 64 FX-53 based Ultimate M6 is a great machine. The thing is, you can get just as much, if not more, machine from another outfit.

graphics card is pretty much on par with Nvidia's 256MB GeForce FX 5950 Ultra.

## Give me some numbers, son!

When it comes to performance, the Ultimate M6 is right there with the top contenders in last month's roundup. Its 3DMark2003 (v. 340) score of 2,561 at 1280x960 with 4x AA and 8x AF turned on would have put it right behind Voodoo PC's Ninja and Voodoo PC's Hexx @355. Furthermore, its 3DGameGauge 3.5 score of 70 frames per second at the same resolution would have put it second only to Falcon Northwest's Mech V. Of course, this

begs the question: Why is this machine, if configured with a monitor and speakers, nearly \$1,000 more than the others? For starters, the top three machines in the roundup all ship with a single optical drive and use onboard audio. The Ultimate M6 has two optical drives and off-loads audio duties to a Creative Labs Sound Blaster Audigy 2 ZS. Also, the top three machines all used the less-expensive Athlon 64 3000+ or 3400+ processors, while the Ultimate M6 uses the more-expensive Athlon 64 FX-53. Based solely on its components, I would've expected the Ultimate M6 to be faster than it was. This may have something to do with ABS using the ASUS SK8N (Nvidia nForce3 Pro 150) motherboard as opposed to one based on the slightly faster VIA K8TB00 chipset.

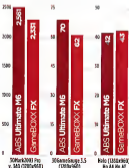
Everyone who reads this magazine knows that I love Antec's PlusView 1000 AMG case and that a TrueBlue power supply has enough juice to power anything you throw in there. ABS also ships this machine with Antec's Lancelot carrying system, which makes it easy to lug this 40-pound behemoth to LAN parties.

That said, the Ultimate M6 was both plenty fast and stable. I ran through my barrage of tests flawlessly. Of course, if I were in the market, I'd save money by going with onboard audio and a single DVD+RW+R drive. © William O'Neil

## By the Numbers

MANUFACTURER	ABS Ultimate M6
PRICE	\$1,099
OPERATING SYSTEM	Windows XP Professional (32-bit)
PROCESSOR	AMD Athlon 64 FX-53
MEMORY	1GB Corsair PC-3200 DDR400
RAID CONTROLLER	Realtek Winbond Serial ATA Controller in a SATA RAID 0 configuration
GRAPHICS CARD	ATI Radeon 9800 XT
OPTICAL DRIVE	DVD-ROM drive Pioneer PC-DVD-104-4 also available
KEYBOARD	Microsoft NaturalPoint
MOUSE	Microsoft IntelliMouse (optical) 3
SPEAKERS	Creative Labs Sound Blaster Audigy 2 ZS
CASE	Antec PlusView 1000 AMG
POWER SUPPLY	Antec TrueBlue 400W
MONITOR	ABS 15" (1440x900) Flat Panel
MONITORING	TrueView 1000 (with 15" 1440x900) Flat Panel

## Benchmarks



**Verdict** ★★★★★  
A fast and stable machine, it's a little expensive, though.

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- Advanced 400MHz FSB & 1024KB Advanced L2 Cache
- Mobile ATI® Radeon™ 9700 PRO 128MB DDR Video
- 512MB PC-2700 DDR Memory
- 4GB 5400RPM Ultra-ATA100 Hard Drive
- Removable 8x DVD & 24x16x24 CD-RW Combo Drive
- 10/100Mbps Ethernet LAN & 56K Modem
- 3x USB 2.0 and 1x Firewire IEEE-1394 Ports
- Built-In SD Media Card Reader
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- Mobile ATI® Radeon™ 9600 PRO 64MB DDR Video
- 512MB PC-2700 DDR Memory
- 4GB 5400RPM Ultra-ATA100 Hard Drive
- Removable 8x DVD & 24x16x24 CD-RW Combo Drive
- 10/100Mbps Ethernet LAN & 56K Modem
- 3x USB 2.0 and 1x Firewire IEEE-1394 Ports
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- NOVIA™ GeForce™ 6600 Ultra 256MB DDR AGP 8X Video Card
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- FX DVD/BluRay Drive & 1.44MB Floppy Drive
- Creative Labs 58K V92 Fax Modem
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- 5.1 Channel Surround 3D Premium Sound
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AMD Athlon™ 64 3000+ Processor	\$ 859
AMD Athlon™ 64 2800+ Processor	\$ 609

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- 80GB 7200RPM Hard Drive
- 52x24x2 CD-RW Drive
- Creative Labs SBK V32 Fox Modem
- NVIDIA® GeForce™ FX 5200 128MB DDR ASP 8X Video Card
- 5.1 Channel Surround 3D Premium Sound
- 10/100/1000 Mbps Ethernet LAN
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Picture Shown with optional Skivo RW3900, 2.1 Gaming Speaker System

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- 80GB 7200RPM Hard Drive
- 16x DVD-RW & 52x24x52 CD-RW Combo Drive
- Creative Labs SBK V32 Fox Modem
- NVIDIA® GeForce™ FX 5200 128MB DDR ASP 8X Video Card
- 5.1 Channel Surround 3D Premium Sound
- 10/100/1000 Mbps Ethernet LAN
- 600Watt Surround Sound Speakers
- Optical Mouse & Multimedia Keyboard
- Microsoft Windows™ XP Home Edition
- Free Norton AntiVirus™ 2004 CD
- Free 1-Year 24/7 I-Care Deluxe Technical Support + On-Site Service

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AMD Athlon™ 64 3200+ Processor	\$ 869
AMD Athlon™ 64 3000+ Processor	\$ 809
AMD Athlon™ 64 2800+ Processor	\$ 769

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- 512MB DDR400 Memory
- 80GB 7200RPM Hard Drive
- 6X DVD-RW + CD-RW Drive
- Creative Labs SBK V32 Fox Modem
- ATI™ Radeon™ 9600-XT 256MB DDR ASP 8X Video Card
- 5.1 Channel Surround 3D Premium Sound
- 10/100/1000 Mbps Ethernet LAN
- 600Watt Surround Sound Speakers
- Optical Mouse & Multimedia Keyboard
- Microsoft Windows™ XP Home Edition
- Free Norton AntiVirus™ 2004 CD
- Free 1-Year 24/7 I-Care Deluxe Technical Support + On-Site Service

**\$ 909**

AMD Athlon™ 64 3400+ Processor	\$ 1159
AMD Athlon™ 64 3200+ Processor	\$ 1019
AMD Athlon™ 64 3000+ Processor	\$ 949
AMD Athlon™ 64 2800+ Processor	\$ 909

MANUFACTURER: Altec Lansing URL: [www.altec-lansing.com](http://www.altec-lansing.com) PRICE: \$199.95

## Altec 2.1 Solution

Altec's little speakers that could

**A**ltec Lansing likes big speakers, as evidenced by its MX5021 set. Each 20-watt (RMS) satellite is fitted with two 3-inch full-range drivers beneath a 1-inch tweeter. The subwoofer is equally imposing, loaded with a 5D-watt, 6.5-inch long-throw driver.

Regardless of its size, its THX certification indicates that this system works. The sound is accurate and clean, completely devoid of any hiss or distortion. The midrange is awesome, re-creating vocals and instruments that sound like they're in the room next to you. With dedicated tweeters, there was a chance

that the treble would be overwhelming, but in fact, it's surprisingly gentle. The only thing lacking is the bass; it spits out enough bass to faithfully re-create music and gaming sounds, but enthusiasts who want to feel the bass shake their seats will be disappointed. In a \$200 three-piece system, I expect brain-shattering bass.

The controls are a study in convenience. A control pod lets you adjust volume, bass, and treble levels through a context knob, and it includes both a 1/8-inch headphone jack and a handy 1/8-

inch auxiliary jack for a second audio source. Altec also includes a tiny, fully functional remote control.

Not a perfect system, the MX5021 offers solid, crystal-clear sound—but at its hefty price, I would have hoped for bass as big as the subwoofer is tall. **By Joel Durham Jr.**

**Enthusiasts who want to feel the bass shake their seats will be disappointed.**

**Verdict** ★★★★★

Accurate sound and powerful, handy controls. However, they lack bass and are expensive.

MANUFACTURER: Bose URL: [www.bose.com](http://www.bose.com) PRICE: \$249

## Tons of Form, Not Enough Function

They're small and good looking, but how do they sound?

**T**iny satellite speakers are all the rage, and the Bose Companion 3 delivers with 2.5-inch-by-4-inch speakers that are only 2.5

inches deep.

The Companion 3 is full of little conveniences. You can place the satellites on your desk or mount them to your monitor. You can adjust the volume on a little puck-shaped control pod and mute the speakers by tapping a touch-sensitive panel. The puck includes two 1/8-inch minijacks: one for a headset, and one for an auxiliary input for another audio source, like a portable audio player.

The two satellites are fitted with 2-inch long-throw drivers with TrueSpace technology, which creates a strikingly wide sound field for such tiny speakers. The wood-encased subwoofer moves a lot of air with its 5 1/4-inch woofer. You can adjust the substantial bass with a knob on the subwoofer, but unfortunately, you can't turn down the treble. The

sound isn't tinny, but it's a bit heavy on the high notes. Also, the left speaker emits a quiet but noticeable hum, which, although it's drowned out when the noise level rises, is annoying when the system is supposed to be silent.

The Companion 3's only other drawback is its price: You can get a five-speaker system from Logitech for less, with equal audio quality. A surprisingly disappointing system from Bose, the Companion 3 leaves a lot to be desired for its price. **By Joel Durham Jr.**

**Verdict** ★★★★★

Very strong bass and midrange. However, there's a slight hum and too much treble...and they're expensive.





❑ We don't usually get excited about so-called gaming mice, but the MX510 is a great peripheral.

MANUFACTURER Logitech URL [www.logitech.com](http://www.logitech.com) PRICE \$45.95

# Ultrapowerful Gaming Mouse

With its eye-popping specs, we wonder if the MX510 is overkill or a fragfest necessity



Are you ready for a mouse that boasts better specs than your digital camera? With the ultrapowerful MX510 Performance Optical Mouse, Logitech has unleashed a gaming monster. Thanks to an MX Optical Engine boosted to 5.8 megapixels and a hefty 12-bit data path, you'll see lightning-fast response times and accurate mouse-pointer movement—and you never know, it may just save your life.

While it's potentially overkill for a strictly business user, the mouse is a shot of adrenaline for LAN-party junkies, giving you extra onscreen control and an alarmingly high degree of mouse-pointer speed. In fact, during testing, we had to lower the sensitivity gauge in the MouseWare driver because the 800-dpi MX510 was too much for our admittedly uncoordinated hands to handle out of the box. Once we configured it to our liking, an era of blissful gaming ensued.

## Fashion and function?

With a unique holographic-swirl paint job, the MX510 looks like a tie-dyed T-shirt, so if you dress like a hippie, beware of potential color dashes. According to Logitech, a special magnetic painting process statisti-

cally guarantees each design is unique, although we couldn't exactly test that theory out in our lab.

If you're a serious gamer with \$50 burning a hole in your pocket, you really can't go wrong with the MX510. The megapixel upkick for this new breed of Logitech mouse provides an improvement in performance upon earlier models, notably the wireless MX700 and Bluetooth-enabled MX900, which both sport a 4.7-megapixel sensor. (A higher megapixel rating for a mouse generally translates into smoother, more accurate mouse movement.)

But should you throw out your old mouse? If it's a ball-based design, yes (what are you waiting for?)—otherwise, think about it carefully. The MX510 is good, but if you already own a high-performance mouse, you probably won't notice much of a difference... unless you really push performance boundaries.

Keep in mind that the MX510 is tethered to your PC via a USB cord, but also remember that wires are a frugal gamer's best friend. **By Robyn Paterson**

## Verdict ★★★★★

Logitech's paramount gaming mouse really takes the cheese.



**Will Power**  
His monthly spew of high

## If they build it, you'll have to come!

**H**aving grown weary of reading about how pissed off people were about our first-ever DVD end our subsequent responses, Kristen passed down the following decree: "I hereby request that no additional CGW ink or paper be devoted to the topic of our January DVD, whether or not people should or should not be expected to have or to buy DVD players, etc. Not In Letters, not in Tech Medics, not in the editorial, not in any columns. Please—even the horse's hooves have been ground into dust."

It should come as no surprise that I just can't let the deed horse lie. That, and I also gain some kind of sick pleasure from pissin' Kristen off.

Anyway, this month's rant isn't about our DVD—it's about the latest spate of games that ship on four, five, hell, even six CDs. In a word, that's just ridiculous. Whether it's Microsoft's Flight Simulator 2004 (which ships on four CDs), Unreal Tournament 2004 (which ships with five installation CDs and a separate "play" disc), or Far Cry (which ships on five CDs), this trend shows that, like the consoles, PC game manufacturers should be shipping their games on DVDs.

Of course, as we've learned, not all PCs have DVD-ROM drives. And while not everyone intends to watch movies on their PCs, DVD-ROM technology makes more sense than CD-ROM technology. Hell, I remember in the so-called golden days, games were shipped on 2D-plus floppies and machines didn't even have CD-ROM drives. You know what happened? Software manufacturers began shipping products on CDs and, lo and behold, people started buying and building machines with CD-ROM drives.

So while many of you troglodytes refuse to get with the program, I'm hoping that gamers, at least, will get with the future—because the fact remains: If they build it, you'll have to come. **By William O'Neil**

# How to Upgrade Your Graphics Card

Don't be afraid—that case was meant to be cracked 

*Doom 3* and *Half-Life 2* are coming out any year now, and guess what: Your old lousy Voodoo 3 graphics card can't even imagine itself handling them. It's time to swap it out for a new state-of-the-art GeForce FX or ATI Radeon 9-series monster. Your system needs a transplant: Get ready to operate.



## STEP #1

### Buy the right part

Most current AGP cards support BX AGP. Older motherboards may not be able to physically accept new cards in their musty old AGP slots. Knock heads with your motherboard or system manufacturer to ensure compatibility. Grab the absolute best card you can afford—the higher you go now, the longer it'll be before you have to upgrade again.



## STEP #3

### Swap the hardware

Be static safe: Plant your feet, ground yourself, and don't shuffle your shoes while you're touching sensitive electronic equipment. Remove the screw holding the graphics card in place. (The graphics card will be the card closest to the CPU and the power supply.) Lift it out, hurl it into the nearest trash receptacle, and slide your new card into place. Make sure it's fully seated! Secure it with a screw.



## STEP #2

### Uninstall your old card's drivers

Head to the control panel and open the Add/Remove Programs applet. Look for your old card's drivers in the list box. You want to purge them from your system to make way for a shiny, new installation. Click on Drivers and then click on the Add/Remove or Change/Modify button. When they're uninstalled, you'll be prompted to reboot. Don't do it—shut down your system instead.



## STEP #4

### Install the new drivers

Fire up the system. Windows will detect a new device and bother you for drivers. In most cases, the installation CD has its own automated driver-installation routine, so cancel Windows' prompts. Run the driver-installation CD. When the drivers are in, reboot. Then go to the manufacturer's website and download the latest drivers for your new card. Install them, and you're done. Now load up your games and marvel at the smoooooth animation.



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ViewSonic 22" Aperture-Grill P220F8 2048X1536 75Hz PerfectFlat Monitor  
Creative Labs Audigy 2 ZS 7.1 8-Channel Sound  
Creative Labs Inspire 7700 7.1 8-Channel Speakers w/Subwoofer  
500W Full-Tower Case with Level-3 Typhoon™ Case Cooling System  
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\$ 639



\$ 639

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- 56K V.92 Modem & 1.44MB Floppy Drive
- Microsoft CrossFire Gaming Swappable 2-Round & Neon
- A-Top X-Blade Case 420Watt with See Through Windows and Sound Activated Neon Light.
- 5 Cool Custom Colors to Choose From
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AMD Athlon™ 64 FX-53 Processor	\$ 1785	CACHE
AMD Athlon™ 64 3400+ Processor	\$ 1285	CACHE
AMD Athlon™ 64 3200+ Processor	\$ 1139	CACHE
AMD Athlon™ 64 3000+ Processor	\$ 1025	CACHE
AMD Athlon™ 64 2800+ Processor	\$ 1035	CACHE

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- 1024MB PC3200 DDR600 Memory
- 200GB 7200RPM 8MB Cache Serial ATA150 HD
- ATI® RADEON™ X800 PRO 256MB DDR5 Video Card w/ TV Out & DVI
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# Tech Medics

You've got questions, Wil's got a hangover

## A PC gamer with a PS2?

I recently read the review of the Logitech Z-5300 speakers and I was wondering how they would compare to the Z-560s. I understand the 560s are 4.1 with 400 watts RMS, while the 5300s are 5.1 with 280 watts RMS. This makes me wonder which set would be better suited to my needs, since they both run for about the same price. I will be using the speakers for my computer as well as playing DVDs on my PS2.

Phillip

The Z-5300s are better suited for multiple systems, including PCs, OVO players, and game consoles, while the Z-560s are more specifically PC speakers. So, considering you'll be using them with a PS2 as well as your PC, get the Z-5300s. They come with an adapter that makes connecting them to a game console a snap. Or a plug. Ha he!

## We have a convert!

After reading your article on PC gaming in *Electronic Gaming Monthly*, I checked out the Vicious PC website. However, I've run into a problem choosing a graphics card. Two of the choices are an Nvidia GeForce FX 5600 256MB and a GeForce FX 5700 Ultra 128MB (note the 5700 is an Ultra, while the 5600 isn't). My question: Which one's actually more powerful, since the cost is the same (plus or minus \$)? I know that a 256MB card is typically more powerful than a 128MB one, but the 128MB one, in this instance, is of a higher class and an Ultra edition. I'm freakin' lost, especially since I just started with PC gaming—I've mostly been a console gamer until now.

Chris

Welcome to the "better side" of gaming, Chris. Anyway, the question you pose is a good one. Having given it some thought, I'm inclined to agree with your conclusion that going with the "higher class" card is the best choice.

## Buy this graphics card

I'm now recommending that everyone in the world run out and buy Nvidia's GeForce FX 6800 Ultra. Look for a review of the card next month.



Logitech Z-5300 speakers

## The French would say you're sh't out of luck, or something

I am currently using an Alpha Vega (have you heard of them?) computer from 1999. It has a 700MHz AMD Athlon processor, and I recently upgraded the graphics card to a 128MB GeForce 4 MX 440. I am using a Windows BB Second Edition OS. If I have only about \$200 to upgrade something, what do you think I should upgrade first?

Mike

I'd suggest replacing that pathetic processor with one that...well...doesn't suck. Of course, that all depends on what kind of motherboard you have. You should get the fastest processor your board supports and as much RAM as you can cop with the leftover change. If that doesn't work, just buy yourself an Xbox with that \$200, get a job, and buy a new computer.

## Patches? You may need some stinking patches

Well, based on almost every freaking PC gaming magazine's recommendation, I

bought *Deus Ex: Invisible War*, and—so far—it's a great game. But I have a problem. First off, my ATI Radeon 9600 XT plays the game like crap when I have it running at just 800x600 with 2x AA enabled. If I turn it up any higher, the framerate drops too much. The thing is, *CoW of Duty* runs perfectly at 1024x768 with 4x AA and AA enabled. What gives?

Thierry

I've heard from several people that *Deus Ex: Invisible War* tends to get chunky when you enable things such as AA and AF. My advice to you would be to play it at 800x600 with AA and AF turned off. Like *MeWo*, it's one of those games that looks better only by increasing the resolution. Of course, that doesn't really help you, does it? Make sure that you have vertical sync (V-sync) turned off in your display properties and that there aren't a bunch of applets running in the background. Also, download ATI's latest drivers and look for any game-specific patches.

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# Lloyd's Cracked Case

GDC 2004: the merging of the medium

**M**icrosoft didn't announce its next-generation Xbox at the 2004 Game Developers Conference in San Jose this year, but what the boys in Redmond did announce may perhaps be more significant in the long run. Dubbed "XNA," it represents an effective merging of the Xbox software-development tools and DirectX.

While Xbox has always had DirectX as its core, XNA means that DirectX on the PC and console will essentially merge. Note that the underlying Xbox hardware (as it exists today) can't handle the newer technologies built into the current version of DirectX, but having cross-platform tools will make life substantially easier for developers. Whether this is a good thing for PC gamers is somewhat unclear. On one hand, having a single development target will make cross-platform games easier to develop. The flip side of the coin, however, is the possibility of dumbed-down content for the PC.

Perhaps a worrisome indicator is Microsoft's intent to define a standard game controller for the PC—and that game controller will be a gamepad. Sure, standardization is a good thing, but the PC has a tremendous leg up with the mouse and keyboard. Having a standard gamepad may mean more robust sports games and even fighting games. But if game developers try to force-fit traditional PC games into a gamepad environment, the PC becomes no more than a glorified console.

PC game sales are down, which may be part of the driving force here. But for every *KOTOR*, which represents a highly successful console port, we also see superb PC games that simply won't work on the console. Imagine trying to play something like *Rise of Nations*, *Battlefield Vietnam*, or even *Diablo II* on a console. Shooters, which exist on both platforms, simply feel different on one platform or



the other. And intricate real-time-strategy games simply don't transfer.

Also, the PC is still a superb platform for experimental and small studio titles. Games like GDC award winner *Gears* ([www.oasisgame.com](http://www.oasisgame.com)) or Charles Moylan's *Combat Mission* ([www.battlefront.com](http://www.battlefront.com)) series simply won't get traction on consoles. Development costs for console games are higher, and no easy distribution mechanism exists today. It remains to be seen if XNA will have a positive or negative impact on the future of PC gaming.

## Games may actually catch up to the hardware

On a different note, those of you who have invested serious dollars in high-cost graphics hardware for the PC may start to see more shader-enabled games going forward. As more pixel-and-vertex shader-enabled hardware gets out into the world, game publishers have more incentive to take advantage of it. However, we're starting to see tools that enable easier creation and visualization of shaders—tools built for artists, not pro-

**J. Allard, Microsoft's Corporate VP and Chief XNA Architect introduces the World to XNA.**

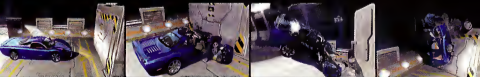
grammers. The most interesting one currently is RTZen's *R/Shader* ([www.rtm.com](http://www.rtm.com)), but Nvidia's *FX Composer* and the shader authoring tool built into the next-generation Unreal engine look promising.

Finally, Intel is readying an integrated graphics core for its chipsets that will support Pixel Shader 2.0 and offer four pipelines. Those features, coupled to a 333MHz core clock, should finally give the world a modest but usable minimum for graphics. Furthermore, it will remove a key objection to developing games with shader content. Of course, vertex shaders will still be handled by the CPU, so vertex-shader-heavy games may be problematic. But I suppose you can still call it progress.

So the PC and console leapfrog cycle continues. The only real worry is this: Will any game publisher, driven by visions of high-volume console game sales, really care that the PC is now a more capable platform for games? We'll just have to wait and see. **By Lloyd Case**

## The Evolution of Game Development

Microsoft is hoping that by using XNA, which is essentially the merging of Xbox development tools and Xbox, that developers will be able to create intricately detailed titles like this "Crash" demo by Pseudo Interactive.







What's a wizard to do? The LAN party's 30 blocks away, and Mr. Furrry Pants wants a ride. Good thing he's got Arna at his side. Because this clever cube case packs everything he needs to take on the fiercest opponents. Like four drive bays. A 300 Watt power supply. And unlike other cube cases, it accomodates micro-ATX motherboards. So when he needs to upgrade his rig, he'll only be limited by his imagination. However bizarre it may be. To learn how we can help you build reality-defying systems, visit [www.antec-inc.com](http://www.antec-inc.com).



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## Inside

Need a game to play? Need a computer to play it on? Our Check Out section has you covered. As always, we've got lots of quality hardware recommendations for the performance-minded gamer, as well as a look back at the latest and greatest games of the past several months and a new chapter in the never-ending battle that is Tom vs. Bruce.

# A-List

## Our picks

This year's E3 expo has come and gone, which probably means that a lot of you PC gaming fanatics out there are salivating at all the goodies that will soon be coming your way. What better time to start upgrading your rig to tip-top shape so you can take full advantage of all those future prospects? From retail machines to gaming laptops to high-end components, we've got all the hardware recommendations that any budget-minded or computer-crazy gamer needs. Of course, the standard rules still apply—that is to say, our printed prices are guidelines, not gospel.



## COMPUTERS

Remember the days when 1MB of RAM was a lot? Or when everyone had monochrome screens and tinny PC speakers? Wow, we feel really old now.

### Intel-based system



#### PRODUCT

##### OUR PICK

710G Gamer  
\$2,160  
Gateway

#### WHY YOU SHOULD BUY IT

Gateway has found the sweet spot between being a major OEM and a boutique system maker. Its 710G Gamer uses the same parts the small guys use, and it is damn near as fast. This machine is so sweet, in fact, that it won this month's desktop roundup. While it isn't necessarily as "fast" as machines by Voodoo and Falcon, its 256MB Nvidia GeForce FX 5950 Ultra graphics card, combined with a bevy of awesome accessories, has us sold.

### AMD-based system



#### PRODUCT

##### OUR PICK

Hexx c355  
\$2,500  
VoodooPC

#### WHY YOU SHOULD BUY IT

While Gateway's 710G Gamer is like the Swiss Army knife of computers, Voodoo PC's Hexx is an awesome balance of speed and style. AMD's Athlon 64 3000+ CPU, in combination with a 256MB ATI Radeon 9800 XT graphics card and 1GB of Corsair memory, makes this rig plenty fast—but it's the Hexx's unique styling that really has us hooked. Who said PCs have to be ugly?

## LAN-boy rig



## PRODUCT

## OUR PICK

- **FrogBox Pro**  
\$175  
Falcon Northwest

## WHY YOU SHOULD BUY IT

Dave Salvador doesn't like anything, which is why we were surprised that he wanted to give Falcon's FrogBox Pro an Editors' Choice award. Of course, one look at the thing and you can see why it's so cool: Inside that little box lurks an Intel Pentium 4 2.80GHz CPU, a 120GB hard drive, 1GB of memory, and a 256MB Nvidia GeForce FX 5050 Ultra graphics card. Not all small form-factor PCs can pack that kind of power, but Falcon worked some serious "cooling magic" to get all that to work together.



## PERIPHERALS

Ever try to play a flight sim with a keyboard? Yeah, that doesn't work too well. Neither does playing a shooter with a gamepad. What are all you console kids thinking?

## Speakers



## PRODUCT

## HIGH-END PICK

- **GigaWorks 5750**  
\$500  
Creative Labs

## WHY YOU SHOULD BUY IT

While some may scoff at a 7.1 speaker setup, who would turn down 700 watts of awesome audio power? With two rear and two side satellites, the 5750 will turn your home sound setup into a movie theater.

## MIDRANGE PICK

- **Z-5300**  
\$200  
Logitech

Having earned an Editors' Choice award in our February issue, Logitech's Z-5300 boasts incredible power, quality, and bass all at a decent price. Take note, though—these speakers lack digital inputs.

## BUDGET PICK

- **Z-3**  
\$100  
Logitech

If you're on a budget, we suggest you forgo a cheap set of 4.1 or 5.1 speakers and opt for a good set of 2.1 speakers instead. Logitech's Z-3s sound great and look even better.

## Keyboard



## PRODUCT

## WIRED PICK

- **Multimedia Keyboard**  
\$30  
Microsoft

## WHY YOU SHOULD BUY IT

You can't go wrong with this handy keyboard. The buttons at the top allow you to perform common functions like launching a Web browser, opening folders, and controlling multimedia apps such as Media Player.

## WIRELESS PICK

- **Wireless Optical Desktop Elite**  
\$100  
Microsoft

Microsoft's latest desktop set sports the company's new "tilt wheel" technology that allows you to scroll horizontally through documents. The keyboard is highly customizable, and its cushioned palm rest is more comfortable than a standard plastic one.

## Gamepad



## PRODUCT

## OUR PICK

- **Dual Action USB**  
\$20  
Logitech

## WHY YOU SHOULD BUY IT

Ever since we put the Dual Action USB in the A-List, we've received complaints about it. Hey, it may look like a PS2 DualShock controller, but the fact is, if you're playing sports games on a PC, this is the pad to use.

## A-LIST PERIPHERALS

### Mouse



#### PRODUCT

##### WIRED PICK

IntelliMouse Explorer 4.0  
\$50  
Microsoft

##### WIRELESS PICK

IntelliMouse Explorer 2.0  
\$60  
Microsoft

#### WHY YOU SHOULD BUY IT

Microsoft's latest IntelliMouse Explorer boasts the company's new tilt-wheel technology, but more important, it's very comfortable and rocks plenty of customizable buttons. It can also be connected to either a standard PS/2 port or a USB port.

Microsoft's Wireless IntelliMouse Explorer 2.0 is essentially the wireless version of the IntelliMouse Explorer 4.0. While it comes in several colors, we prefer the leather-bound version.

### Headset



#### PRODUCT

##### OUR PICK

PC155  
\$70  
Sennheiser

#### WHY YOU SHOULD BUY IT

Not necessarily a radical change, the Sennheiser PC155 is more of an update to the company's PC150 headset that Darren Gladstone loves so much. That said, if you're playing any online games with voice support, you'll like the PC155.

### Joystick



#### PRODUCT

##### OUR PICK

Extreme 3D Pro  
\$35  
Logitech

#### WHY YOU SHOULD BUY IT

While they aren't as popular as they once were, there are still some pretty good flight sims out there. Whether you're a hardcore or casual flight-sim fan, Logitech's Extreme 3D Pro will help you get the job done.

### Racing wheel



#### PRODUCT

##### OUR PICK

MOMO Racing Wheel  
\$100  
Logitech

#### WHY YOU SHOULD BUY IT

The entry-level MOMO wheel is an awesome peripheral. What's not to love about feeling like you're actually behind the wheel? It's just the kind of thing that'll get your motor in gear for some *Need for Speed Underground*.



## DISPLAYS

Ever have a monitor totally freak out and make funny noises when your cell phone rings? Picture that, but with every electronic device in the room, and presto—you've got Jeff Green's office!

### CRT monitor



#### PRODUCT

##### HIGH-END PICK

22-inch MultiSync FE215B  
\$600  
NEC

##### BUDGET PICK

19-inch E90fb  
\$225  
ViewSonic

#### WHY YOU SHOULD BUY IT

When it comes to gaming, CRTs can't be beat—and NEC's MultiSync has been the favorite of many of the bootcamps for years. With a huge viewable area and a great price, this is definitely a recommended buy.

For gamers on a budget, ViewSonic's 19-inch E90fb is a fantastic CRT display. While 14-inch monitors used to be entry-level displays, there's no reason to go below 12 inches with prices like this.

## LCD monitor



## PRODUCT

## HIGH-END PICK

UltraSharp 2001FP  
\$1000  
Dell

## BUDGET PICK

CML175B  
\$500  
Hitachi

## WHY YOU SHOULD BUY IT

Dell's UltraSharp 2001FP is often packaged with the company's XPS gaming system. With a slick design and a response time of 16ms, this display makes gaming a real treat: it also pivots 90 degrees for vertical document viewing.

Hitachi's update to last year's CML174B model, the CML175B boasts a native resolution of 1280x1024 (great for gaming) and a 16ms response time. In other words, a great gaming LCD just got more...uh...greater(er).



## COMPONENTS

Some people love Nvidia, others love ATI. What's our take on it? Hey, as long as *Unreal Tournament 2004* looks pretty, we really don't care one way or the other.

## Processor



## PRODUCT

## HIGH-END PICK

Athlon 64 FX-53  
\$500  
AMD

## BUDGET PICK

Pentium 4 2.8GHz  
\$200  
Intel

## WHY YOU SHOULD BUY IT

Among gaming processors, the Athlon 64 FX-53 is at the top of the heap. Even though the 64 bits aren't being exploited, the 32-bit applications run almost as fast as Darren can talk. We said almost.

While the 2.8GHz Pentium 4 chip is not as king of the road as an 800MHz frontside-bus 3.4GHz model, it is still one zippy little core. Plus, with an Intel mobo, you'll be ready for the eventual upgrade.

## Motherboard



## PRODUCT

## HIGH-END PICK

SK8N  
\$200  
Asus

## BUDGET PICK

D875PBZ  
\$150  
Intel

## WHY YOU SHOULD BUY IT

Designed for AMD's Athlon 64 FX line of processors, the SK8N sports the 64-bit chipset of choice—the VIA K8TB00. This motherboard also boasts a 400MHz frontside bus, as well as support for DDR400 RAM.

Intel's D875PBZ isn't so much "low end" as it is flexible. Constructed around the i875P chipset, it has built-in SATA RAID support and makes a great backbone for an affordable Pentium 4 system.

## Soundcard



## PRODUCT

## OSB PICK

Audigy 2 ZS  
\$200  
Creative Labs


## WHY YOU SHOULD BUY IT

You haven't experienced surround until you've heard an awesome 7.1 system in conjunction with Creative's GigaWorks 5750 7.1 speakers, the Audigy 2 ZS is awesome. Serious audiophiles can upgrade to the Platinum or Platinum Pro models for even more power.



## A-LIST COMPONENTS


## Videocard

	PRODUCT	WHY YOU SHOULD BUY IT
	<b>HIGH-END PICK</b> □ <b>256MB Radeon 9600 XT</b> \$350 ATI	The Radeon XT was originally supposed to come packaged with Half-Life 2. Unfortunately, the game's release date slipped, but many of these cards are still being packaged with a coupon for the game when it is eventually released.
	<b>MIDRANGE PICK</b> □ <b>128MB Radeon 9600 XT</b> \$175 ATI	ATI's midrange part is plenty fast enough to handle any game that you're currently playing. Sure, it may not be as fancy as a 256MB 9600 XT card, but it's definitely easier on the wallet.
	<b>BUDGET PICK</b> □ <b>128MB GeForce FX 5200 Ultra</b> \$80 Nvidia	Stay behind a generation of graphics cards to save some of money. The Nvidia GeForce FX 5200 clocks in at about \$80, which is quite a bargain. Just make sure you don't buy the cheaper, non-Ultra version.


## Hard drive

	PRODUCT	WHY YOU SHOULD BUY IT
	<b>HIGH-END PICK</b> □ <b>Deskstar 7K250 250GB</b> \$290 Hitachi	A single 250GB Hitachi Deskstar hard drive provides more than enough disk space for 99 percent of the world's population. If you're in that rare one percent who needs more, double them up for a monstrous RAID array.
	<b>BUDGET PICK</b> □ <b>DiamondMax Plus 9 80GB</b> \$100 Maxtor	At a little more than \$1/GB, Maxtor's 7,200 rpm DiamondMax Plus 9 80GB drive is a great option for a single-drive rig.

## Optical drive

	PRODUCT	WHY YOU SHOULD BUY IT
	<b>HIGH-END PICK</b> □ <b>DVR-A07U</b> \$200 Pioneer	This drive is not for the faint of heart—or light of wallet. Pioneer's latest combo drive does everything you need: You can create your own DVD movies, burn music CDs, or just back up your data.
	<b>BUDGET PICK</b> □ <b>DDU1621 16x DVD-ROM</b> \$30 Sony	Judging by the responses to our first-ever DVD, many of you have yet to adopt this technology. At around \$30 for a basic 16x drive, there's no reason to wait—and Sony's 16x DVD-ROM is a great choice.

## Case

	PRODUCT	WHY YOU SHOULD BUY IT
	<b>TOWER PICK</b> □ <b>TAC-T01-E1C</b> \$150 Cooler Master	Cooler Master's TAC-T01 is big, heavy, and not necessarily cheap, but it's a great case for building that rig of your dreams. It's solid and shiny, and there's a metal monolith inset on the case's face. What is that thing for, anyway?
	<b>ALTERNATE-FORM PICK</b> □ <b>SN85G4</b> \$300 Shuttle	Shuttle's Nforced 190-based setup is the perfect option for building an Athlon 64 FX-based shuttle box. The motherboard supports DDR400 and rocks Realtek's 6-channel audio. Plus, it's much more portable than a bulky tower.





# MOBILITY

Laptops are great for getting work done during a busy travel schedule. They're even more useful when you want to avoid all your annoying relatives when they come to visit.

## Laptop



PRODUCT	WHY YOU SHOULD BUY IT
<b>HIGH-END PICK</b> <b>M675</b> \$2,600 Gateway	With a 128MB ATI Mobility Radeon 9600 (M10) graphics card and a 17-inch display, Gateway's M675 is doper than most desktop PCs. Plus, it can be difficult to put a desktop PC in your backpack.
<b>BUDGET PICK</b> <b>M6807</b> \$1,549 (after \$100 mail-in rebate) eMachines	eMachines' M6807 ships with a 64MB ATI Mobility Radeon 9600 (M10) graphics chip, but in many tests, it outperforms machines with 128MB graphics options. The said, at only \$1,549, you'll be damned happy with this Athlon 64-based laptop.
<b>LIGHTWEIGHT PICK</b> <b>Inspiron 300m</b> \$2,000 Dell	The 300m is the perfect traveling companion. The docking station's extra battery space means more than five hours of life, and additional speakers give added rockability. Just don't expect to do much gaming on it.

## Phone



PRODUCT	WHY YOU SHOULD BUY IT
<b>FLIP-PHONE PICK</b> <b>V9660</b> \$199 (\$49 with a two-year contract) Samsung	Of the current crop of gaming-enabled phones, this one is the slickest, most game friendly of the bunch. With the addition of the \$39 PCS Game Pad, (a GBA-like docking station), it's much easier to control the action.
<b>NON-FLIP-PHONE PICK</b> <b>3660</b> \$200 Nokia	Thanks to a new federal policy that allows you to keep your phone number when switching cell providers, negotiating and pinning down a really good deal on a phone is much easier. For a normal-sized phone, this model works great.

## PDA



PRODUCT	WHY YOU SHOULD BUY IT
<b>PALM OS PICK</b> <b>ZodiaC 2</b> \$400 Tapwave	For the moment, you aren't gonna find another PDA with this kind of juice for the price that Tapwave is asking. With it, you can bust out some grinds in <i>Tony Hawk</i> , juggle your contact manager (yay!), listen to music, and watch <i>The Simpsons</i> .
<b>POCKETPC OS PICK</b> <b>e805</b> \$540 Toshiba	This PDA sits at the top of Toshiba's food chain. It's built especially for the power-hungry PocketPC user, and its belts and whistles far surpass the 400MHz processor and 128MB of free RAM. What better way to run MAME and countless games?

## Gadget



PRODUCT	WHY YOU SHOULD BUY IT
<b>OUR PICK</b> <b>DSC-T1 Cyber-shot</b> \$590 Sony	Holy crap! Your wallet is probably bigger than this 5-megapixel digital camera. Sony's DSC-T1 is tiny, but it has a large LCD screen and 3x optical zoom. Poor battery life is the only price you'll be paying for high style.

# Rewind 100

What should you play today? Names in **red** indicate Editors' Choice games



GAME	ISSUE	VERDICT	SCORE	GAME	ISSUE	VERDICT	SCORE
<b>Assassins Creed</b>	4/04	An immoderate, single scenario Assassin's Creed set in 15th-century Venice	★★★★☆	<b>Call of Duty</b>	1/04	Call of Duty is so good and so much fun that you'll inevitably wish it was longer	★★★★★
<b>Age of Mythology: The Titans Expansion</b>	1/04	More deities, more whistles, same game	★★★★☆	<b>Celebrity Deathmatch</b>	1/04	Save your money by just throwing beer cans at the television	★☆☆☆☆
<b>American Conquest: Flight Pack</b>	1/04	Eight bonuses and no more enjoyment by avoiding the lame standard-issue explosion	★★★☆☆	<b>Crazy</b>	1/04	A quest-loading shooter that's only fun for the first few hours	★★★☆☆
<b>Assassin's Creed: Special Forces v1.0</b>	3/04	Special Assassin: the tactical sim genre it is loved	★★★★★	<b>Curses</b>	1/04	A stunning sci-fi-themed shooter that makes Facebook jealous	★★★★☆
<b>Age of Empires 2: Revolution</b>	12/03	Like drawing a map of borders	★☆☆☆☆	<b>Call of Duty: Campaign</b>	0/01	Amazingly refined new version of CoD with no players that really isn't	★★★★★
<b>Assault &amp; Dangerous</b>	3/04	A straight-head shooter with great cut-scenes	★★★★☆	<b>Call of Duty: Modern Warfare 2</b>	0/05	Call of Duty's perspective, graphics, plot leaves you cold	★★★★☆
<b>Battle Engine Aquila</b>	4/04	Gorgeous and fun MechWarrior-like action, but not deep or groundbreaking	★★★★☆	<b>Command &amp; Conquer 2: Danger Forward</b>	0/03	A great scenario editor can't lift this average grand tactical war game above Assassin's Creed	★★★☆☆
<b>Battlefield 1942: Secret Weapons of World War II</b>	03/03	The best bit of fun ever for the aging Battlefield engine is worth the money	★★★★★	<b>Command &amp; Conquer: Red Alert 2</b>	0/04	Command & Conquer 2.0	★★★★☆
				<b>Command &amp; Conquer 3</b>	1/04	Maybe the toughest game ever, and not in a good way	★★★☆☆
<b>Call of Duty: Modern Warfare 2</b>	0/04	Spooks, laughter, and justice. Best Battlefield 1942?	★★★★☆	<b>Command &amp; Conquer: Generals</b>	1/04	Clearer than the rapid Geek use	★★★☆☆
<b>Beyond Good &amp; Evil</b>	3/04	Gorgeous, stylish, and wholly original, this action adventure is a gem	★★★★★	<b>Command &amp; Conquer: Generals 2</b>	0/04	No battles, almost none — J.A.C. is the best. Best on the RTS series	★★★☆☆
<b>Black Hawk Down: Team Sabre</b>	4/04	An intense single-player that beats up the single- and multiplayer games. Take a lot of fun!	★★★★★				
<b>The Black Mirror</b>	2/04	The Black Mirror's public host doesn't require much reflection	★★★☆☆	<b>Command &amp; Conquer: Generals Zero</b>	1/04	This game was great when it was free. For \$40, it's just good	★★★★★
<b>Blade and Sorcery</b>	4/04	A game Blade does that might've been attacking four years ago	★★★☆☆	<b>Dark Age of Camelot: Trials of Alvaris</b>	1/04	Good expression by veteran players, but not much for new players	★★★☆☆
<b>Broken Sword 3: The Sleeping Dragon</b>	2/04	Chaps Embury's sequel out of the box, but drops it around a little too much	★★★☆☆	<b>Dead to Rights</b>	2/04	This is this post of an aged, derivative, mediocre shooter was dead on arrival	★★★☆☆

## That Rule

Sim Games



### Sim City 4: Rush Hour

★★★★★  
In this car-crazy SC4 expansion, you can take part in high-speed police chases, stage spectacular freeway accidents, and undertake plenty of automobile-related missions.



### Monopoly Tycoon

★★★★★  
Monopoly meets Sim City—it just...makes sense, doesn't it? This ain't no board game—you've got shops to manage, budgets to balance, and bills to pay, as well as plenty of competition to crush under your heel.



## The Bad Guys

The villains we hate



**Nazis**  
Indiana Jones said it best: "Nazis. I hate these guys." And he's not the only one

who's had to deal with them some time and time again. Nazis are a tried-and-true staple of videogame villainy; gamers have been laying the smackdown on them for years, from *WoW*enstein 3D to *Call of Duty*.



**Darth Vader**  
You can't have a villain roundup without a Sith lord in there some-

where. This ROTOR badkie may not be Darth Vader, but he's still one dark Jedi you don't want to mess with—not to mention he's way cooler than a certain nearby-pamby Anakin Skywalker we've been dealing with for two movies.



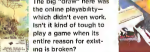
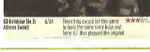
**LeChuck**  
Having survived four Monkey Island games, the devilish

undead pirate LeChuck just doesn't know when to stay dead...er, undead. But will he ever return for a fifth outing? According to adventure game icons Sam & Max, "hell no!"

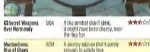
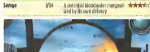
GAME	ISSUE	VERDICT	SCORE
<b>Indiana Jones II</b>	3/04	For puzzle players who like pretty pictures, too	★★★☆☆
<b>NASAR: Hunter 2004</b>	3/04	Not bad, but we expected more	★★★☆☆
<b>MA Live 2004</b>	3/04	One of the best 5 on 5 games for any platform	★★★★☆



<b>Call of Duty: Speed Underground</b>	3/04	Running doesn't get much better—unless you're in a rail car	★★★★☆
<b>Neighbors from Hell</b>	3/04	A fun way to spend a single afternoon	★★★★☆
<b>Demolisher Nights: Heroes of the Motorcade</b>	3/04	A fun, fast operation today (unless by legs)	★★★★☆
<b>MAI 2004</b>	3/04	The best MAI experience available	★★★★☆
<b>No Man's Land</b>	3/04	Another follow-the-leader RTS	★★★★☆
<b>Kochuwa</b>	2/04	Well, at least it sounds spookier	★★★★☆
<b>Once Upon a Knight</b>	2/04	A strong enough RTT tagged down by a later RTS and the excellent label! But sink in, lady!	★★★★☆
<b>One Must Fall: Rikiingrams</b>	4/04	If you're into fixed-pattern fighting games with robots, knock yourself out	★★★★☆
<b>Parklife III</b>	2/04	Little more than a glorified Patchwork Express	★★★★☆
<b>Pix Romana</b>	3/04	A decent game for Xbox! Available!	★★★★☆
<b>PlanetSide: One Conflict</b>	2/04	A decent shot at its own, but not worth the price	★★★★☆
<b>Revised Typing 3</b>	2/04	You don't have to love typing to enjoy the historical and cultural challenges here—but a little from the worst!	★★★★☆



GAME	ISSUE	VERDICT	SCORE
<b>Robot Prison Escape</b>	3/04	Go get a copy of <i>Commander Zero</i> !	★★★★☆
<b>Republic: The Revolution</b>	2/03	Good idea, bad game	★★★★☆
<b>Demagog: A Good Adventure</b>	2/03	The best of graphic-adventure games, both aesthetically and conceptually	★★★★☆
<b>George</b>	3/04	A potential blockbuster marred and by its own colony	★★★★☆



## That Suck

Sim Games



### Civilization III: Play the World

Two words: train wreck. The big "draw" here was the online playability—which didn't even work, isn't it kind of tough to play a game when its entire reason for existing is broken?



### Mail Tycoon

It's an ugly game with a frustrating interface and a wonky camera. If you're going to play a business-tycoon simulator, do yourself a favor and play something else. Heck, *Alpaca Tycoon* is better than this.

GAME	ISSUE	VERDICT	SCORE
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Star Chamber	5/04	Original, fun, competitive, and free to try. What're you waiting for?	★★★★★
Star Fury	2/04	Open-ended and flexible without being too complex.	★★★★★
Starfy & Hatch	1/04	The last stop of the '03 continuity with this cozy game dare a crispy floor.	★★★★★
Sports 04	5/04	Visually stunning, but the previous gameplays was some of the fun.	★★★★★



Q2 Storage Matrix: Holy Battle 5/04 It's not as fast as you'd suppose it's worth. ★★★★★

Temple 5/04 Yet another good game named by bugs. ★★★★★

Terminator 3: War of the Machines 4/04 Ugly and just plain terrible. ★★★★★

The Godbit? 2/04 Mangled comedy lens, lightly to be avoided. ★★★★★

The Simpsons: Hit & Run 2/04 The best G4 top oil ever, and it still has for Simpsons fans. ★★★★★

The Sims: Make My Day 1/04 The final Sims expansion plays like a charm. ★★★★★

Tiger Woods PGA Tour 2004 11/03 A game that will please both hardcore golf fans and casual gamers. ★★★★★

Titans of Steel 1/04 A solid sword game with little developer potential. ★★★★★

**Multiplatform 04**  
by Christopher Hart, 04/04/04

Platform	Game	Score
PC	Star Chamber	★★★★★
	Star Fury	★★★★★
	Starfy & Hatch	★★★★★
	Sports 04	★★★★★
	Storage Matrix: Holy Battle	★★★★★
	Temple	★★★★★
	Terminator 3: War of the Machines	★★★★★
	The Godbit?	★★★★★
	The Simpsons: Hit & Run	★★★★★
	The Sims: Make My Day	★★★★★
Xbox	Star Chamber	★★★★★
	Star Fury	★★★★★
	Starfy & Hatch	★★★★★
	Sports 04	★★★★★
	Storage Matrix: Holy Battle	★★★★★
	Temple	★★★★★
	Terminator 3: War of the Machines	★★★★★
	The Godbit?	★★★★★
	The Simpsons: Hit & Run	★★★★★
	The Sims: Make My Day	★★★★★
PS2	Star Chamber	★★★★★
	Star Fury	★★★★★
	Starfy & Hatch	★★★★★
	Sports 04	★★★★★
	Storage Matrix: Holy Battle	★★★★★
	Temple	★★★★★
	Terminator 3: War of the Machines	★★★★★
	The Godbit?	★★★★★
	The Simpsons: Hit & Run	★★★★★
	The Sims: Make My Day	★★★★★

Q1 Star Road Championship Boxing 5/04 The underdog heavyweight champion of boxing sims. ★★★★★

Tomb Raider: The Angel of Darkness 10/03 Not as good as the previous one, but, still a G. ★★★★★

GAME	ISSUE	VERDICT	SCORE
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Tom Hawk's Pro Skater 4	11/03	As long as you have a gamepad, it's the most fun you can have on a skatboard without putting yourself in the hospital.	★★★★★
Two Thrones	5/04	If you're into hot pants for the low price.	★★★★★
WRC: Rallyevault	1/04	WRC Rallyevault is a good game that should have waited three weeks and one day before being released.	★★★★★



Q2 Unreal Tournament 2004 6/04 Too long shooting, most with... ★★★★★

Uru 2/04 Some good puzzles, some bad ideas, no story, lots of familiar elements—maybe the essential online content can make it more something. ★★★★★

Vegas Prison 4/04 A colorful and entertaining crime buster that fell shy of the jackpot. ★★★★★

Vivania 5/04 Good game, bad bugs. ★★★★★

War of the Ring 2/04 Spoil any of Middle-earth elements in a single mountain. ★★★★★

Warfare IV 1/04 A shrewd demo, somewhat a focus: strategic interface. ★★★★★

Warrior Kings: Battles 11/03 Good game, but it's a waste of time unless you really want a lot of your local's passion. ★★★★★

Wars & Warriors: Jewels of Arc 5/04 Tough if it's not too simple. ★★★★★

World War II: Invasion Command 12/03 Not a bad game, but the obligatory package is too. ★★★★★

Worms 3D 5/04 Short doses of personality don't overcome the long business. ★★★★★

X-2: The Third 3/04 A much deeper yet less playable version of the classic. ★★★★★

X3 2/04 The biggest import conflict between fan and developer, customer and dealer. ★★★★★

You Don't Know Jack: The Last Gaid 5/04 Some features are best left behind. ★★★★★

X-Plane 2.0 5/04 Lots would be about designers could avoid a variety of flight-related. ★★★★★

Zoo Hunt 5/04 G4 better than it's ever been. ★★★★★

## The Babes

The hotties we like to look at



**Lara Croft**

She's the original gravity-defying videogame superbebe and a popular lady with computer geeks everywhere. Let's just hope her next game improves on the atrocious that is *Tomb Raider: The Angel of Darkness*. If you ask us, the only thing that could possibly make up for it is *Tomb Raider: Wild Spring Break Adventures*.



**Jade**

Don't let the fact that she hangs around with talking pigs fool you—the heroine of *Beyond Good & Evil* kicks ass and takes names... or, pictures. And she wears green lipstick. Which, for some inexplicable reason, is kinda hot.



**Fiona Vie**

Ms. Vie, the ubiquitous *EverQuest* mascot, is the epitome of "hot elf chick." Then again, maybe she's not even a chick—this is an MMO, after all. She could be a married father of two with Tourette's syndrome and a Gary Gilmore haircut.



### Tropico 2: Pirate Cove

While it's certainly a fresh—if odd—spin on the series, this pirate-centric sim caught many fans off guard and didn't offer much in the way of compelling content.



### RollerCoaster Tycoon 2: Wacky Worlds

Don't you hate it when an expansion just doesn't deliver what it should? This *RCT2* add-on chugs along with a stale formula that's really begun to show its age.

# Tom vs. Bruce

Two gamers enter, one gamer wins

BY JEFF LABRECQUE | Blizzard game, Massively Multiplayer Online Role-Playing Game

## World of Warcraft beta

The chronicles of Burle of Anvilmar, or "Booty Bay or bust!"

I am Burle of Anvilmar.

**T**his month, we stopped fighting each other just long enough to check out the beta of Blizzard's upcoming massively multiplayer RPG, *World of Warcraft*. That doesn't mean we won't bicker, though.

**Bruce:** Because of a conspiracy between Tom and the designers of *World of Warcraft*, I was forced to play second fiddle to Tom, who insisted that he be the lead character and that I play as a night elf. Because I'm more interested in the philosophy of gaming than actual gaming itself, I'll play as a priest and perhaps become the Mecca Blade of online gaming. Or at least the Martin Buber. Maybe I'll even meet one of those guys in the game and have a long discussion with

them in which I'm forced to click through dialogue boxes. My character is named Eno, in acknowledgment of the synthesizer's contribution to theological discourse.

**Tom:** I am a dwarf from Anvilmar. My name is Burle. Although I'm a rogue, what I really want is to be a fisherman, whiling away the days by plucking surprises from the deep sea, cooking seasoned filets, and selling whatever treasures I happen to snag.

### Another green world

**Bruce:** Wasn't that cute? It reminds me of eighth grade, when people in front of me in the lunch line would have serious discussions about their *D&D* characters. I don't even know where Anvilmar is, so I can't actually

prove that Tom isn't from there. But he gets into the whole role-playing thing, so as long as he doesn't start asking me for "thine gold," I'm just going to let him run with his make-believe.

**Tom:** Anvilmar is in the frozen land of Dun Morogh, where all the lakes and streams are locked under an impenetrable sheet of ice. By joining my elven friend Eno, I'll find warmer climes. Eno is far to the northwest on the island of Teldrasill. So I'll make my way to the dwarven city of Ironforge, where I can ride a gryphon to meet Eno in his elven lands with their open waters.

**Bruce:** The way *World of Warcraft* works is that each race starts out in its own little homeland, thus setting the stage for subsequent hate crimes and eventual ethnic cleansing as the races start to mix. Like Kofi Annan, I'm pretty indifferent to all of that, so the only thing that really bothered me about this recipe for a global fantasy holocaust was the fact that I was supposed to eventually join up with Tom. But our racial homelands dictated that we start



Fishing at Booty Bay.



Fishing at sunset.



**Tom**  
Last month  
Tom beat Bruce at  
UT 2004, which is like  
beating Stevie Wonder  
at darts.



**Bruce**  
Last month:  
Bruce lost but doesn't  
care because shooters  
are for morons.



the game on opposite sides of the world. To make a long story short, I eventually found Tom. To make a short story slightly longer, I achieved this by clicking on monsters, writing pabently until they ran out of hit points, pressing the X key to sit down until my health and mana bars regenerated, and then invariably repeating this process for hours. Sometimes I had to click on something, run somewhere else, and click on another thing. Eventually, one of those things was Tom. I suspect that given Tom's penchant for talking, you're going to get a lot more detail from him.

**Tom:** On the way to Ironforge, an NPC named Whitebeard asks me to deliver a report to Kharanos. Once there, I do a few quests to earn enough money to buy a small targe at the smithy across the road from the tavern. But as I'm climbing the hill to Ironforge, I realize I won't have enough money for gryphon fare. Draf! So I swing east to Steelrill Depot, where I take jobs gathering boar meat, bear furs, and wendigo mines, braving snow leopards and winter wolves.

**Bruce:** *World of Warcraft* does a lot of inherently dumb things really well. This does not make these things any less dumb from a gaming perspective, but it at least makes them work so smoothly that you can't really object to them on any basis other than a philosophical one about whether they should exist in the first place. For example, if an NPC has a quest for you to perform, a big exclamation point floats over his head. When you accept the quest, the exclamation point turns into a question mark. And as you do the quest, you know exactly how you're progressing. Need to kill six Gnorples ambushers? *World of Warcraft* tells you how many more you have to go. Everything is as clear as possible, other than the question of why you're doing all of this in the first place. For instance, there's a guy you release from his magical prison who thanks you for releasing him, but then he stays in his magical prison so that the guy behind you can free him. He thanks that guy, too. Maybe he just likes the attention.

**Tom:** Ironforge! The massive underground city is a testament to the prowess of dwarf-

ven engineers and architects. Unfortunately, I can't find any recipes for the fish I'll catch. But an even greater setback is finding out that—alas!—gryphons can't take me to Tel'draassil. To get to the elven lands, I'm told I'll need to take a boat from Menethil Harbor, which can only be reached on foot. On to Menethil!

**Bruce:** I love the giant map in *World of Warcraft* that instantly shows you where all of the members of your group are in the game world. I also love the fact that

across the continent, only to make the error of going down what looks like a road that will lead to a port. Eventually, I came upon a huge pile of player corpses on the road. As I run by them, I am suddenly told that the "Guardian of Blizzard" has warned me that I am entering an off-limits zone and has struck me for 146 points of damage, killing me. Great, Tom can come find me, then.

### Little fishes

**Tom:** Along the way to Menethil, the ice thaws away. I'm tempted to stop and fish in Loch Modan, but there will be plenty of time for lollygagging once I find Eno. In the rugged lands north of Modan, the dwarfven mountaineers have firearms to ward off scared boars and Dragonmaw orcs. With only a rickety blade, I don't stand a chance. After a series of resurrections, I finally manage to sneak past a Dragonmaw scout and onto a high peak overlooking the deadly wetlands. Trying to work my way down into the marshes, I fall and die. However, this time I resurrect in Menethil Harbor! Perfect! After trying to recover my body and getting instantly killed by a black slime, I decide the wetlands are too much for me and board the ship to Garishore.

**Bruce:** In the movies, dwarves are supposed to be comic relief, so I ask Tom to tell me a joke. All he can come up with is something about two gnomes and a farmer's pig. We can't print the punch line here in case children are reading. But I now know that dwarves aren't very funny.

**Tom:** In the interest of realism, I ask Eno to keep the chat to a minimum until we find each other. I've gotten as close as I can to him once I arrive at Aubergine. I'm told the only way for a non-elf to reach Tel'draassil is to swim, where he's just as likely to drown as be devoured by a 50th level sea monster. So I'll wait for Eno and spend my time fishing. I find a nice spot by a fallen log under the



**Eno** Eno the right-of priest at your service.

you can invite anyone into a group just by clicking on their names in the friends list, even if they are half a continent away. However, the part where you have to get across the continent to meet them still needs a little work. I try to join Tom by finding my way across to his land of dwarfven mystery. I actually get pretty far

**In the movies, dwarves are supposed to be comic relief, so I ask Tom to tell me a joke.**

hippogriff nests I hook my shiny bauble to the fishing pole and start casting. The writers are teeming with rainbow-fn albacores and oily blackmouth, the former good for eating and the latter good for selling. A dark elven warrior comes up and sits next to me. He asks me what I can find fishing. I tell him that it's not just fish, that sometimes you'll discover crates of supplies, scrolls sealed in bottles, or even treasure chests. I give him all my albacore, since he can use it to heal himself after a battle.

**Bruce:** Some guy is talking to Tom. This is probably related to roleplaying and what I suspect is his secret desire to form a guild in which the players will meet weekly to be served exquisite fish delicacies that he lovingly cooked by repeatedly clicking his mouse button. I tell Tom that we have a job to do, and that job is not to start a fantasy seafood restaurant. He says something to the dark elf about "thine siken linery," so I put him on ignore for the next half hour.

**Tom:** Eno is slow in coming, so I head north, braving the occasional rat-thief bear attack. I fish for brilliant smallfish and longjaw mud snappers where the Cliffgriping River empties into the sea. I even get a few bristle-whisker catfish, which are particularly good eating. But I don't have recipes for any of these fish. After asking around, I'm told the best fishing recipes can be found in Booty Bay. "But you won't be able to make it there," someone cautions me, "30th level apes." Little does he know that I have an elven priest who will accompany me. Together, we'll go to Booty Bay, where I'll learn the secrets of cooking bristle-whisker catfish.

**Bruce:** On the island where I started, I killed spiders, cats, birds, some kind of dog/beer thing, and some harpies. I collected water from public urinals, and delivered it to wise elves who have special knowledge of the real uses for public-urinal water. When I finally found Tom, he was obsessed with finding a place called Booty Bay. And fishing. This was far from the last I was to hear about these two seemingly unrelated but actually closely connected things.

**Tom:** The elf has agreed to make the



journey with me. He even says he knows the way. Huzzah!

**Bruce:** According to the map, Booty Bay is all the way on the very southern tip of the other continent. We're going to have to find a place to get a boat. I explain to Tom that if we go too far south, empirical evidence strongly suggests that the Lord High Guardian will kill us, but Tom is too busy equipping his fishing tools to reply. We complete a quest in a graveyard, in which our job is to read some tablets describing fantasy history. Tom can't read them, but we later figure out that because my character is an elf, the text shows up in English, which must be a language elves can read. But because Tom's character is a dwarf, his text shows up as gibberish, which must mean dwarves can't read English. We get our four farthings of reward or whatnot and set off down south for good.

## In dark trees

**Tom:** As we're heading down Derishore, we pass what look like some great fishing spots. I prevail upon Eno to let me sample the waters from time to time. We're occasionally accosted by cats and bears who want to play, but we won't be deterred. We come into Ashersale, where Derishore's gray skies give way to blue. But we don't stop, not even to fish, because we wouldn't stand a chance against these shadowhorn stags, wildhorn lurkers, and shadowthicket stones. Eno's magical shield has protected us in the past, but these beasts rip right through the shimmering blue aegis.

We cross the Fallarren River, and the forest gives way to wide plains. We are on the Gold Road, with dinosaurs wandering in the distance. We kill one, just because we can, and salvage its teeth. As we continue south, we come upon Crossroads, which is guarded by powerful horde warriors. So we swing wide around it and continue into the savannah, where giraffes quietly graze.

**Bruce:** When I went to Keriga, I remember the view from our jeep across the plains being absolutely amazing. Tom, who has never been to Keriga, finds this computerized depiction of a fantasy Keriga inhabited by orcs and dinosaurs to be really amazing. It's great that we can share this virtual moment of plains appreciation through the vehicle of booty-seeking role-playing characters.



**Tom:** Eno starts talking about a place called Keriga, which doesn't exist in the world of *World of Warcraft*, so I tell him to leave off his stary-eyed fantasies and let us make our way to Booty Bay, where hell taste the finest albacore ever prepared. He makes yet another snide comment about the name Booty Bay. I make fun of the way his ears bob when he runs, and then we're on our way.

**Bruce:** For almost this entire trip, Tom has been complaining about the limited storage space in his backpack. I spend a lot of time waiting for him to rearrange his inventory, which invariably results in him asking me to carry some of his raw fish. I feel like I'm the sidekick on one of those cable fishing shows. Eventually, Tom stops complaining when he finds a red leather bag that can hold multiple items in one backpack slot. Then I start hearing all about how great his red leather bag is. I stop hearing about it after I refer to it several times as his "purse."

**Tom:** Eventually the road descends into Ratchet, a goblin town with a ship moored at the end of a pier. Sure enough, the ship takes us to Booty Bay. What a splendid place! It's a harbor built around a quiet, sheltered inlet. And, at last, here is the fisherman's shop where I'll buy my recipe!

**Bruce:** Tom finds out he'll never be able to afford the recipe he wants, so he logs off to play *Star Wars Galaxies* with Deslok while I explore a bit more and discover that he was right about something. There are indeed 30th level apes out there. And 30th level hot women who shoot fireballs. Just to prove that I can do anything that Tom can, I decide to roleplay from this point on. My choice of character is a guy who is not going to play a mulfman role-playing whatever. And I do. I win!

**I feel like I'm the sidekick on one of those cable fishing shows.**



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