

Web Week

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NEWS

Broadcom and ARM Collaborate to Improve Signal Processing in Embedded Devices

BUSINESS

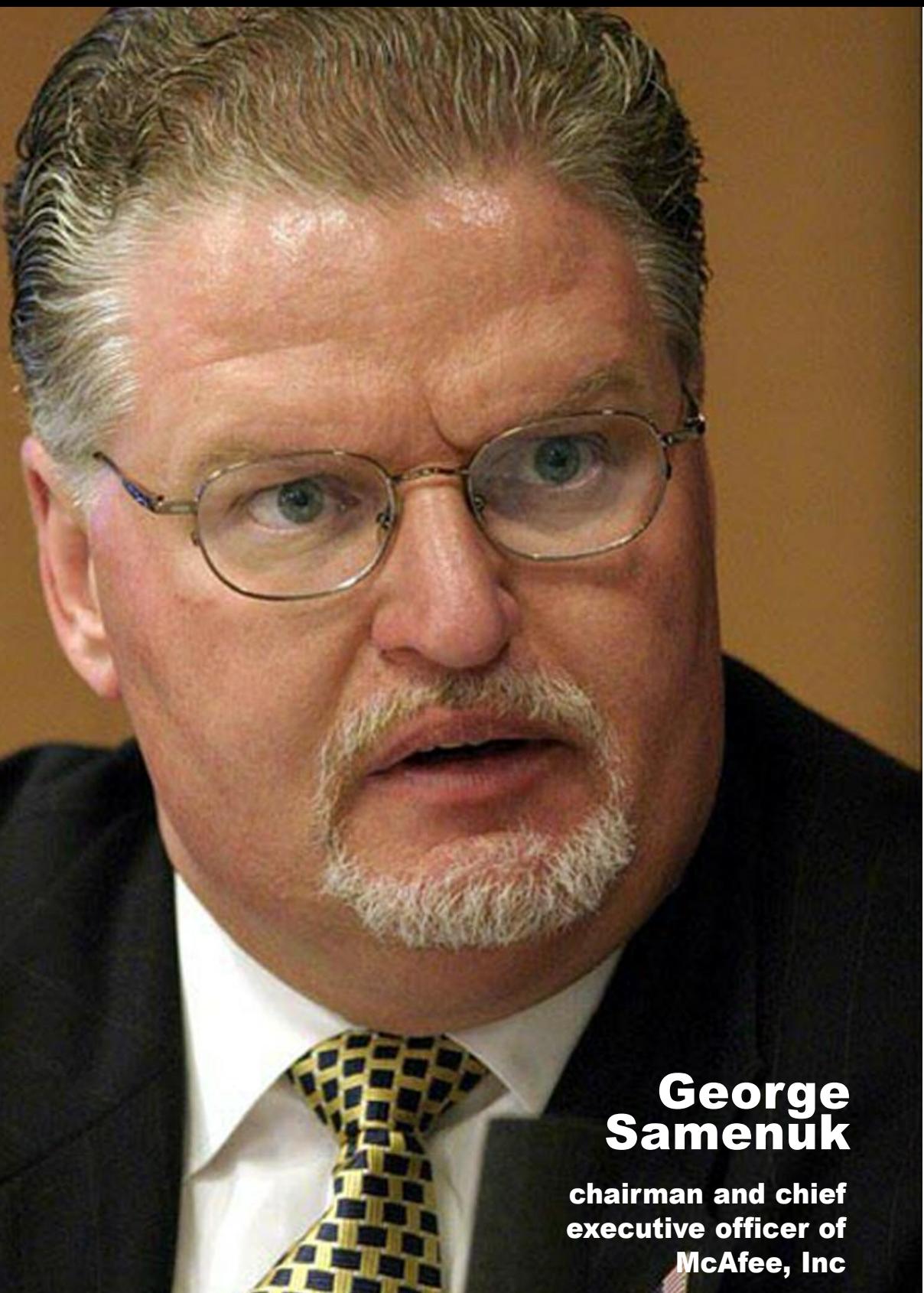
Comcast and RadioShack Announce Comprehensive Broadband and Video Services Retail Agreement

HOSTING

Domain Roundtable Conference Announced For April 2006

SECURITY

Regulatory Compliance Takes the Lead as the Most Important Driver of Information Security, Surpassing Worms and Viruses



George Samenuk

chairman and chief executive officer of McAfee, Inc

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- Managed Services
- Game Servers
- E-mail-Only Hosting
- Resellers / Partners
- Dedicated Internet Connectivity
- Domain Name Services
- All-In-One Hosting
- Online Photo Album
- Online File Storage

Broadcom and ARM Collaborate to Improve Signal Processing in Embedded Devices



Broadcom Corporation, a leading provider of highly integrated semiconductor solutions enabling broadband communications, and ARM (LSE:ARM) (Nasdaq:ARMHY), announced today that Broadcom is extending its partnership with ARM by licensing ARM(R) OptimoDE(TM) data engine technology. Broadcom will incorporate the ARM embedded signal processing technology into a variety of SoC applications including networking and wireless.



Broadcom will use the OptimoDE architecture to generate data engines-highly optimized signal processors. Because data engines are configurable, VLIW-style processors whose microarchitectures are finely tuned to specific application domains, the resulting processor is very small and extremely power efficient. This meets the needs of lightweight, battery-powered applications.



ARM® Optimal Data Engine technology

"OptimoDE technology creates data engines that offer an unprecedented level of flexibility and programmability," said Ed Frank, VP of Research and Development, Broadcom. "This enables Broadcom to modify existing designs to address evolving product needs in a competitive and fast-changing consumer market, which is a significant benefit to our customers."



Ed Frank

"Momentum is gathering behind the adoption of ARM OptimoDE technology for consumer electronics designed to handle media-rich content," said Tom Cronk, general manager, Data Engines, ARM. "OptimoDE technology is ideal for these applications, and we look to innovative companies like Broadcom to bring these applications to market."



Nova Information Systems Denies Charges of Database Security Violations

A former database administrator for NOVA Information Systems has charged that the company has routinely neglected data security on databases that contains billions of credit card numbers and millions of business owners' social security numbers and other sensitive information. These charges were listed in a DOL corporate fraud whistleblower complaint filed in April (OALJ Case No. 2005SOX00107). NOVA Information Systems is the 3rd largest credit card processor in the US, with a large operations center in Knoxville, Tennessee. NOVA is a fully owned subsidiary of US Bancorp (USB).

The complaint alleges that NOVA management retaliated against Walton for reporting her concerns about data-security violations. NOVA is required to adhere to strict data security regulations under both federal law and audit standards of VISA Intl.

Walton stated that the retaliation began shortly after a June 2004 meeting with NOVA's Executive Vice President Erik Toivenen in which she outlined concerns about NOVA's lack of adherence to mandated database security procedures. Walton said the retaliation caused extreme stress that forced her to take disability leave in March 2005.



According to the Washington, DC newsletter, Privacy Times, NOVA representatives vehemently denied the both the discrimination and security violation charges (Privacy Times, Volume 25, Number 20 October 25, 2005).

NOVA is a direct competitor of Cardsystems, Inc., which was involved in a highly publicized security breach earlier in the year. As many as 40 million credit card accounts were compromised during the breach, initiating federal and industry investigations as well as a Congressional hearing in July.

Sphinx & Netintelligence Team Up to Secure the Mobile Workforce

Netintelligence, the online security people, and Sphinx, one of the UK's leading independent IT distributors, have today announced a partnership agreement. The agreement gives Sphinx accredited Netintelligence distributor status and enables the company to offer Netintelligence's award winning web based security products to its reseller customer base.

Netintelligence PROTECTS

The Netintelligence delivers the next generation of Internet security product - the Online Security Service. A comprehensive web based security service which protects laptops/desktops the moment an internet connection is detected, thereby enforcing security policies in real time, regardless of whenever or wherever they connect to the web.

Combining the essential core functionality of Anti Virus, Anti Spyware, Web Blocking, Instant Messenger & P2P control and Usage Management with comprehensive reporting - Netintelligence enables the central application and enforcement of policies across physical, geographical boundaries & time zones - perfect for securing the mobile workforce.

Kim Board-Allam, Netintelligence's Head of Channels, said, "We are delighted that Sphinx has chosen to add the Netintelligence online security range to its portfolio."

"Sphinx has an excellent reputation in the IT marketplace for offering innovative products backed by excellent customer service, and we believe that this agreement with Sphinx really endorses our technological solution for securing off network employees," added Kim.



Mark Hatton, Managing Director for Sphinx stated, "We are excited by this opportunity to offer Netintelligence products to our customers, as we believe that they provide us with an extremely cost effective solution that will address and fill a growing gap in the current security market."

"Our customers have been telling us for some time that, with the rise in mobile working, their clients are facing serious issues in securing the extended perimeter, and in Netintelligence, we can now offer them a product to address these problems," added Mark.

"Netintelligence also meets our own requirements in that it is technologically sound, easily deployed, can be centrally managed, very easy to use and will provide our customers with a valuable addition to their existing portfolios."

Sphinx will launch Netintelligence on 9th November, 2005.

Level 3 and Cogent Reach Agreement on Equitable Peering Terms

Level 3 Communications and Cogent Communications today announced that the companies have agreed on terms to continue to exchange Internet traffic under a modified version of their original peering agreement. The modified peering arrangement allows for the continued exchange of traffic between the two companies' networks, and includes commitments from each party with respect to the characteristics and volume of traffic to be exchanged. Under the terms of the agreement, the companies have agreed to the settlement-free exchange of traffic subject to specific payments if certain obligations are not met.



The modified arrangement is designed to mitigate any impact to customers' Internet connectivity as it sets forth an agreed process to protect customers upon the expiration of the peering relationship, or upon violations of the agreement that are not remedied in accordance with the revised agreement. Those protections include advance written notice to the customers of each party upon termination of the agreement, as well as terms assuring the continued exchange of traffic for a reasonable transition period.



The specific terms of the agreement are confidential.

As part of today's joint announcement, Level 3 and Cogent underscored their common view that the implementation of their modified peering agreement, effective immediately, serves the best interests of both companies' customers. As a result of the agreement, Level 3 will not proceed with disconnection on November 9, as previously announced.

Verizon-MCI Merger Cleared by Justice Department

Verizon Communications Inc. and MCI, Inc. today announced they have received clearance from the U.S. Department of Justice for Verizon's acquisition of MCI.

Final closure of the transaction, which the companies anticipate will occur later this year or early in 2006, is subject to approval by the Federal Communications Commission. International approvals are already complete, as are the majority of necessary state-level regulatory reviews.

The FCC announced it has scheduled its vote on the Verizon-MCI combination on Friday (Oct. 28).

"We appreciate the hard work of the Department of Justice staff in bringing this merger to resolution," said John Thorne, Verizon senior vice president and deputy general counsel. "The consent decree will result in no disruption to MCI customers. We are eager to begin offering the benefits of this new combination to customers as soon as possible."



Paul Eskildsen, MCI senior vice president and deputy general counsel, said, "MCI is pleased with today's clearance by the Department of Justice of its merger with Verizon. This development represents another significant milestone in the regulatory approval process."

The DOJ filed a consent decree for approval by a Federal court that includes stipulations agreed to by

8 Verizon and MCI. Under the

decree, Verizon and MCI will lease dark (unused) fiber connections to 356 buildings in several states in the Verizon footprint on the East Coast.

Fiber currently being used by MCI to serve its customers will not be affected.

The consent decree follows an eight-month, comprehensive study by the DOJ staff of every aspect of the Verizon-MCI merger. Verizon, MCI and other parties supplied millions of documents and volumes of market data to the DOJ staff. "We proved that the transaction is pro-competitive and will not lessen competition in any market," Thorne emphasized.



The Verizon-MCI combination, part of the continuing evolution of the industry driven by customers and technology, will capitalize on the complementary strengths of each company and create one of the world's leading providers of communications services.

The merger will enable Verizon to better compete for and serve large-business and government customers with a full range of services, including wireless and sophisticated Internet protocol-based services.

It will benefit consumers and businesses by creating a supplier with the financial strength to maintain and improve MCI's extensive Internet backbone network.

The Verizon-MCI combination was announced on February 14, 2005..

Synergetics USA, Inc. Responds to IRIDEX Lawsuit

Synergetics USA, Inc. received notice that IRIDEX Corporation filed suit against it for infringement of the IRIDEX Patent No. 5,085,492 entitled "Optical Fiber with Electrical Encoding" covering its laser probe technology. IRIDEX alleges that Synergetics' Quick Disconnect Laser Probes and Adapter infringe its patent.



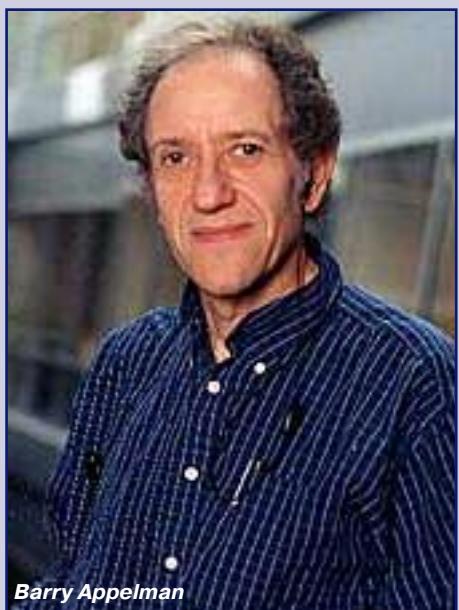
From 1999 to 2002, IRIDEX made general suggestions that Synergetics' Quick Disconnect Laser Probes and Adapter infringed its patent. These products have been sold by Synergetics since mid 1999. In response to IRIDEX's unsubstantiated allegations, Synergetics, in 2002, filed a "declaratory judgment" lawsuit to have the court declare that its products do not infringe the IRIDEX patent and further that IRIDEX's patent is invalid. IRIDEX chose to withdraw its patent infringement charge at that time and agreed that any future litigation would be filed in Missouri. Since 2002, Synergetics has continued to openly market its Quick Disconnect Laser Probes and Adapter and has also obtained two patents to cover its technology.



"It is unclear why IRIDEX waited over six years to file a patent infringement lawsuit if it truly believed that Synergetics' products infringe its patent," said Gregg D. Scheller, president and chief executive officer of Synergetics. "Given the time that has lapsed, we assumed this issue was resolved long ago, and I am very surprised that IRIDEX has chosen this course of action. We will vigorously defend our intellectual property position."

Goodmail Systems Announces Plans to Launch CertifiedEmail Service for AOL and Yahoo! Customers

In an effort to combat the effects of phishing and spam, Goodmail Systems today announced plans to deploy its Goodmail(TM) CertifiedEmail service with America Online, Inc. and Yahoo! Inc., the leading global providers of email services. The Goodmail CertifiedEmail service will provide a safe and reliable class of email that will help shield AOL & Yahoo! Mail users from spam, fraud and identity theft (online identity theft is often called "phishing"). CertifiedEmail messages will be marked with a trust symbol in the inboxes of AOL and Yahoo! customers. The CertifiedEmail symbol assures the message is safe and from an accredited sender – not from someone faking the email address and domain.



Barry Appelman

A recent study conducted by Outsource Research Consulting shows that the fear of online identity theft has had a significant impact on consumer trust of commercial email, with 95 percent of US email users fearing they will fall victim to email fraud. A study by Epsilon Interactive and Roper ASW determined that the best solution to instill confidence is a visible trust symbol in the email user interface to certify that a message is safe and from a trusted sender. Eighty-nine percent of respondents said they would like their ISP/email provider to include a trust icon indicating that an email message comes from a legitimate organization and can be safely opened.



"Continuing AOL's unparalleled success at fighting spammers and scammers, we believe this new layer of protection will widen the gap between the amount of good email we want our users to get and the dwindling amount of bad emails they might get," said Barry Appelman, senior vice president and chief web strategist, AOL. "Spam on the AOL service has now declined by over 85 percent since its peak in 2003 – but more work needs to be done. Goodmail's CertifiedEmail service takes email protection to the next level – by giving AOL, CompuServe and Netscape members, and AIM Mail users a new way to identify wanted mail from trusted senders. Our partnership with Goodmail demonstrates AOL's strong, ongoing commitment to keep AOL Mail as spam-free, scam-free, virus-free, and worry-free as possible."



"Yahoo! is committed to protecting the inbox. In working with Goodmail, we are continuing our multi-faceted approach to ensure our users have a safer and more secure email experience through the use of enhanced technologies. Goodmail's CertifiedEmail service will be a fine complement to the safeguards we already have in place including SpamGuard and DomainKeys," said Andy Spillane, vice president of Yahoo! Mail. "By highlighting transactional messages such as bank statements and receipts, as 'certified' in Yahoo! Mail, we'll make it easier for our users to determine which messages come from trusted businesses."



Andy Spillane

"Today's email users view incoming email from familiar commercial sources with uncertainty and doubt. Our objective is to restore safety and reliability to this critical communications medium," said Richard Gingras, chairman and CEO of Goodmail Systems. "We are very pleased to work in partnership with AOL and Yahoo! as they become the first online services to offer this powerful capability, extending their leadership in providing the best possible email experience for their customers."

Every message that is sent through the Goodmail CertifiedEmail service is embedded with a cryptographically-secure token. These tokens must be detected by participating Internet service providers (ISPs) before the message can be delivered to a recipient's inbox identified as a CertifiedEmail message. The email is clearly labeled with a CertifiedEmail symbol in the user's inbox indicating that the message can be opened with confidence and that it is from an authentic and trusted sender. As a result, Goodmail's CertifiedEmail service improves the consumer email experience, provides greater benefits to legitimate senders and enables mailbox providers with a secure platform to provide premium delivery services to qualified businesses that increasingly rely on electronic communications to service their customers.

GoodmailSystems™
Bringing Safety and Reliability to Email

Goodmail also announced that leading email infrastructure providers support Goodmail CertifiedEmail and are embedding Goodmail technology into their products. Only Port25 Solutions, Inc. and StrongMail Systems, Inc. will offer a tested and approved Goodmail Imprinter Appliance, a self-contained solution to certify a stream of email messages from Goodmail-accredited senders. Additionally, StrongMail, Port25, Sendmail, and ColdSpark will be integrating Goodmail functionality into their families of high-performance email delivery products and services.



AOL and Yahoo! will begin supporting Goodmail's CertifiedEmail service as part of their strategy to protect customers' inboxes from spam, phishing and email fraud. AOL and Yahoo! expect to complete implementation in the coming months.

CEO of Valtech Technologies Brings 'The IT Apprentice' to the IT Industry

The Association of Information Technology Professionals, Dallas Chapter (AITP Dallas) announced today that Valtech Technologies, Inc., an IT consulting and educational services company, has accepted their challenge to provide a real job to the winning candidate in their educational program, "The IT Apprentice". AITP Dallas will present the IT version of the TV hit, The Apprentice, on November 16, 2005 at the Hotel Intercontinental in Addison, Texas. Curtis Hite, CEO of Valtech North America, is known as a strong supporter of the ever changing IT industry. Mr. Hite donated an IT Project Manager position with his company worth an annual salary of \$90,000 to \$110,000 and is waiting for the winning candidate to join his team of more than 1,200 people worldwide.



"We are excited to partner with AITP Dallas and be a part the formative IT Apprentice program," said Mr. Hite. "Valtech strongly believes in the development of our employees as well as the positive and healthy development of the IT industry. This program is an opportunity for Valtech to support the IT industry as well as gain a valuable new member for our North American team."

In partnership with AITP Dallas, Valtech and Robert Half Technology will be handling the screening of applicants. The candidates will be

selected by a panel of IT executives from three prominent Dallas/Ft. Worth businesses: Ted Layne, VP-Technical Services of Michaels Stores, Inc., and his two advisors, Ann McCool, Sr. Director, Sales Channels Systems of RadioShack and Andy Laudato, Sr. Vice President & CIO of Pier 1 Imports, Inc. The executives will test candidates on their ability to use best business practices and professional skills while completing a real-world project, and narrow them down until they find ... The IT Apprentice.



The program is open to the public and the audience will participate in the excitement throughout the evening, which will include using wireless interactive audience response technology provided by Tamer Partners Corporation, a consulting firm in Southlake, TX to vote for the candidates. Drawing giveaways throughout the evening have been donated by Culminis, a not-for-profit organization chartered with supporting the successful growth, development, technical education, community service, and influence of IT Professional User Groups.

Applications are now being taken and instructions for applying are located at <http://aitp.org/region3/ApprenticeApplicationPkg.pdf>. You do not have to be a member of AITP to apply. Contact AITP Dallas at aitpdallas@comcast.net or call 972-682-0501 for more information.

Optima Technology Responds to Court's Decision in Case SAVC 03-1776 JVS (anx)

Optima Technology Corp is deeply disappointed by today's decision by Judge Selna in which he disregarded his own rulings in the Markman hearing that the company clearly won last year. At that time Optima thought the Judge showed a reasonably good understanding of the technical issues involved.



However, today's ruling clearly demonstrates the limited ability of the court to fully grasp highly technical intellectual property cases such as Optima's. Last year's Markman ruling in the case against Napster, Roxio, (NasdaqNM: NAPS), and Sonic Solutions, (NasdaqNM: SNIC), affirmed the definitions Optima used in the patent. Optima will continue quickly moving forward to the Federal Court of Appeals and will request the following in regards to the decision by Judge Selna:



1. A stay on the recent decision by Judge Selna, and to have the decision overturned.
2. A temporary restraining order barring Napster, Roxio and Sonic Solutions from again merging and/or selling parts of their companies as is currently planned.

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The CEO of Optima, Robert Adams, said, "We feel this is a prime example of how a judge can make a mistake by not following his own prior rulings which lay out the ground rules related to terms in Intellectual Property cases. For a judge to simply adopt terms not laid out in his own Markman ruling is senseless. Our team is committed to seeing this through to the end unlike various insiders at Sonic/Roxio/Napster who have been steadily selling off their stocks."

Optima feels that Judge Selna's decision to base his decision on incorrect statements provided by Roxio versus that which were laid out in his own Markman ruling clearly demonstrates that his recent decision was flawed.

Adams further states, "If Judge Selna did not feel up to the legal and technical challenges of our case, he should have had it assigned to another Judge instead of kicking it upstairs for the Court of Appeals to deal with. This further clogs our courts and appeals systems."

Founded in Irvine, California in 1990, Optima is a worldwide leader in software, services and Internet technologies for personal and business computing. The company offers a wide range of products and services designed to empower people through great software or hardware – any time, any place and/or on any device. www.optimizech.com.

Innovative Files \$200 Million Suit Against Rural Telephone Finance Cooperative and Officers-Directors as Individuals

Innovative Communication Corporation today filed a lawsuit for more than \$200 million against the Rural Telephone Finance Cooperative of Herndon, Va., and two of its officers and directors as individuals. The suit accuses them of maliciously using the courts for improper purposes with an agenda of destroying one of its borrowers in good standing and current on all loan payment obligations.



The lawsuit named Steven Lilly, senior vice president and chief financial officer, and John J. List, senior vice president, in their personal and official capacities and accused them of personally supervising and approving the alleged malicious abuse of the court system.

"The RTFC has turned from being our major lender to a predator seeking to destroy us," said Sen. Holland L. Redfield, II, Innovative's vice president of corporate affairs. "The RTFC has loaned Innovative more than \$650 million. Until they filed their baseless case against us and seized \$61 million of our equity without justification, we always made every payment. We have been a member of the cooperative for more than 15 years and have consistently been one of its largest borrowers."



"This is an extraordinary case in which a lender filed claims against one of its best borrowers when it knew the charges had no merit and the only purpose was to ruin Innovative by publicizing allegations to prevent it from disclosing the RTFC's mismanagement and possible fraud," said Lanny J. Davis of Orrick, Herrington & Sutcliffe, attorneys for Innovative.



ORRICK

"Because of clear evidence of malice by RTFC and the individual officers named, we are seeking at least \$200 million for compensatory and punitive damages," Davis added. "When Innovative informed the RTFC that it had uncovered mismanagement and improper diversion of profits, on March 13, 2003, RTFC retaliated with a lawsuit. Not only did RTFC's complaint allege 31 defaults, it maliciously publicized this information to the news media and Innovative Telephone's public regulators."

"RTFC's voluntary dismissal of 16 claimed defaults, only after Innovative moved for the dismissal of these claims as being baseless and frivolous, is evidence that some counts were baseless and added only for publicity," Davis continued. "RTFC repeatedly told the news media and testified to Innovative regulators, falsely inflating the number of defaults in its original case. The withdrawal of 16 alleged defaults because they were totally baseless is strong evidence of the malice and improper purpose of the complaint by the RTFC and these officers. These are the subject of this lawsuit."

"When someone gets a mortgage to buy a home there is an implied covenant that the lender will act in good faith and not take hostile action to cause the borrower to default so the bank can foreclose and take over ownership of the home," said Redfield.

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September/October 2005

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Business

Comcast and RadioShack Announce Comprehensive Broadband and Video Services Retail Agreement

Comcast Corporation, and RadioShack Corporation, today announced a comprehensive retail agreement spanning both high-speed Internet and digital cable services. This agreement adds more than 1,800 RadioShack retail locations immediately to Comcast's already sizeable retail footprint. It also allows RadioShack to provide a robust broadband and video solution to its customers in those markets.



"Our announcement with RadioShack further supports our continuing efforts to offer Comcast services to consumers at a time and place that's convenient for them. There is a neighborhood RadioShack within an estimated five minutes of where 94

percent of all Americans either live or work," said Bob Faught, senior vice president of retail sales for Comcast Online. "Consumers can visit their local RadioShack, sign up for Comcast High-Speed Internet, for example, bring home a self-install kit, and connect to the Internet later that same day."

"Comcast is also setting a new standard for the broadband/cable industry - now with an expanded retail presence spanning nearly 5,000 retail locations nationwide," Faught continued.

"By offering Comcast's leading products and services in more than 1,800 RadioShack stores, we are continuing our tradition of providing consumers with the best selection of products and services to fulfill their con-

sumer electronics needs," said Jim Hamilton, senior vice president, chief merchandising officer for RadioShack Corporation. "Comcast is a natural fit, and we're thrilled to have them as our partner."



Jim Hamilton

According to Hamilton, customers can easily work with RadioShack's knowledgeable sales associates to check service availability, choose between a self-install kit or a professional installation, and order Comcast High-Speed Internet Service and Comcast Digital Cable in each participating store.



Business

For a limited time*, customers who sign up for Comcast High-Speed Internet through RadioShack will receive the flagship 6Mbps Internet service for \$19.99 for the first six (6) months. They will also receive a free self-install kit, with a mail-in rebate and a free cable modem. Customers will have immediate access to Comcast.net, Comcast's award-winning broadband portal where they can quickly and easily check their e-mail, send Video Mail messages, access their photos, news, entertainment, sports scores, kids' features, online games, and more.



With Comcast Digital Cable, customers can enjoy more than 250 channels including dozens of commercial-free premium movie channels including multiple channels of HBO, Showtime, The Movie Channel, Cinemax, STARZ! and Encore, as well as dozens of music channels - from jazz to country to classical to rock - commercial-free, 24-hours a day. In addition, customers have access to ON DEMAND, a growing library of 3,800 programs available any time, with 95-percent available at no additional charge.

Comcast Digital Cable also features an interactive, on-screen program guide and remote that lets viewers choose movies and shows by time, category or channel, and parental controls to help customers manage the programs their families watch. Comcast's High-Definition Television service offers HDTV programming from local and national broadcast networks, national cable networks and regional sports networks. With digital video recorder service from Comcast, customers can digitally record and store their favorite television programs as well as pause and rewind "live" television. Comcast offers easy installation with local customer service and no expensive equipment to buy.

VeriSign and Infineon Collaborate to Increase Usability of Trusted Computing Solutions



VeriSign Inc. and Infineon Technologies AG, today announced they are jointly working to further extend the security level of personal computers at home and abroad by collaborating to increase levels of trusted computing solutions for end-users. Under terms of the cooperative effort, VeriSign will certify Infineon's Trusted Platform Module (TPM) Certification Authority with its Trusted Computing Root Certification Authority, enabling the secure creation and use of digital certificates on all computing systems powered by Infineon's TPM solution.

To establish the basis for trustworthy communication and strong authentication, the Trusted Computing Group has introduced the concept of an Endorsement Key (EK) certificate as the only way for a TPM to prove its legitimacy. The EK certificate is an integral component of the Trusted Computing Environment, containing information that identifies an operating

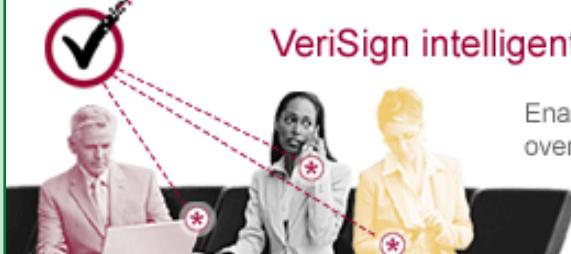
platform as TPM-legitimate. In the chip manufacturing and production stage, Infineon will create and digitally sign an EK to confirm the authenticity and integrity of their TPM. VeriSign will then cross-sign the Infineon TPM Certification Authority with its own Trusted Computing Root Certification Authority backed by their industry leading and well-established Certificate Policies and Practice Statement.



Additionally, Infineon will securely embed The VeriSign Class 3 Primary CA certificate into its TPM 1.2. This will provide a trust anchor for secure authentication services and encryption for networking applications, as well as a strong industry-wide PKI practice. By doing this, customers using Infineon TPM-enabled systems can maximize



VeriSign intelligent infrastructure at work.



Enabling and protecting interactions over voice and data networks.

Business

the legitimacy of their connection to, and data received from, another computing platform.

"The secure use of credentials is a major component of the TCG specifications. The Endorsement Key Certificate is a crucial component in the Root-of-Trust concept, underscoring the need for there to be the highest levels of trust during its creation and certification," said Jim Ward, President of the Trusted Computing Group. "The secure implementation of the root of trust will be important to future network services."



"The use of PKI-based digital certificates has become an underpinning of digital interactions across today's global, digital networks. People take for granted how important digital certificates are to encrypting and protecting sensitive data," said Nicolas Popp, Vice President, Authentication Services, VeriSign. "Through our work with Infineon, which will see VeriSign certificates embedded in the very heart of a computing environment, we can maximize the legitimacy of operating platforms."



"Infineon, as a leading provider of TCG solutions, has put strong emphasis on the secure handling of key material," said Thomas Rosteck, Senior Director and head of the product line Trusted Computing at Infineon Technologies AG. "The cooperation with VeriSign provides trustworthy use of credentials which does bring benefits to PC manufacturers, system administrators and end users."

Infineon is the world's only supplier to offer their own comprehensive hardware and software solutions compliant with the TCG's 1.1b and 1.2 specifications. Its TPM security solution features a secure chip hardware, a complete suite of embedded security and TPM system management utilities, as well as application software which simplify data protection through file and folder encryption protected with hardware-based key generation and storage. PC manufacturers benefit from Infineon's TPM offering since it secures all core components of a security subsystem used for authenticity, integrity and confidentiality of data stored.

More information on Infineon's TPM solution is available at www.infineon.com/tpm



Level 3 To Acquire WilTel Communications

Level 3 Communications, Inc. today announced that it has signed a definitive agreement with Leucadia National Corporation under which Level 3 will acquire WilTel Communications Group,



LLC. Level 3 will pay 115 million shares of Level 3 common stock and \$370 million cash. The agreement provides that Level 3 will not acquire certain assets and liabilities of WilTel. Closing is expected to occur in the first quarter of 2006, subject to customary closing conditions including receipt of state and federal regulatory approvals.



Based in Tulsa, Okla., WilTel delivers a comprehensive suite of voice, data, video and IP services over a next-generation fiber-optic network. The acquisition includes all of WilTel's communications business, including a multi-year contract with SBC and WilTel's Vyvx video transmission business. The acquisition does not include



WilTel's headquarters building or the assumption of any of WilTel's outstanding debt or mortgage obligations. The parties have agreed that WilTel will have at closing \$100 million in cash for which Level 3 will pay an additional \$100 million in cash. Additional details regarding the financial aspects of the transaction are described below.

Business

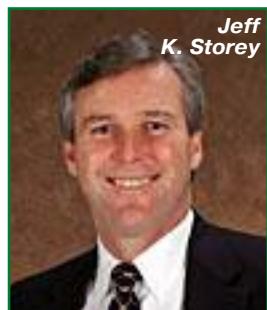


**James
Q. Crowe**

"There is a unique and compelling fit between WilTel and Level 3," said James Q. Crowe, chief executive officer of Level 3. "Both companies are experienced providers of optical and IP-based services, and both serve similar customer bases."

"We believe this transaction brings together the two premier providers of communications backbone services and that our customers will benefit significantly from that shared institutional excellence. We also believe the combined technical and service capabilities will help support and advance our customers' transition to IP technology and Voice over IP," said Crowe.

"WilTel has a reputation based on consistent delivery, operational excellence and proven customer satisfaction, and we believe that Level 3 has a similar reputation and shares our vision of the future of IP communications and technology convergence," said Jeff K. Storey, president and chief executive officer of WilTel Communications.



**Jeff
K. Storey**

Expected synergies

"We expect to achieve substantial synergies through this transaction," said Kevin O'Hara, president and chief

operating officer of Level 3. "We plan to combine and optimize the Level 3 and WilTel networks. The merged network will reach 50 new markets and include 3000 new route miles compared with Level 3's pre-acquisition facilities. We expect to migrate substantially all of WilTel's IP, optical and voice transport traffic to the combined network."



**Kevin
J. O'Hara**

SBC contract

The transaction includes the contract between WilTel and its largest customer, SBC. In January 2005, SBC announced its pending merger with AT&T and its intention to migrate the services provided by WilTel to the merged SBC and AT&T network. In anticipation of the successful completion of the SBC and AT&T merger, the contract between WilTel and SBC was amended.



The amended SBC agreement runs through 2009 and provides for a purchase commitment of \$600 million from January 2005 through the end of 2007, and \$75 million from January 2008 through the end of 2009. Only purchases of on-net services count toward satisfaction of this purchase commitment. Originating and terminating access charges paid to local phone companies are passed through to SBC in accordance with a formula that approximates cost. Additionally,

the SBC agreement provides for the payment of \$50 million from SBC if certain performance criteria are met.

"SBC is an existing and important customer of Level 3, and we look forward to expanding our relationship with them," said Crowe. "We are committed to working hard to ensure a smooth transition for SBC throughout this process."

"We have had a long and mutually beneficial relationship with WilTel Communications and Leucadia National Corporation and their management teams," said James S. Kahan, senior executive vice president of corporate development for SBC. "We are supportive of the transaction with Level 3 and look forward to working with the Level 3 team as we have on numerous occasions in the past."

Vyx video business

As a part of the transaction, Level 3 will acquire the WilTel subsidiary, Vyvx, LLC, the industry leader in gathering and distributing broadcast quality live and non-live video for the media and entertainment industry. The company delivers nearly 250,000 fiber and satellite video feeds, and more than 5 million ads and promotional media content around the world each year.

"We recognize the importance of Vyvx's customers and are committed to ensuring they receive the highest quality service without disruption," said O'Hara.

"We believe that Vyvx's expertise in transporting video combined with its strong brand and customer relationships may create some additional opportunities for Level 3 as the video transport market evolves."



For additional information, visit their respective Web sites at <http://www.softwarespectrum.com/> and <http://www.i-structure.com/>.

Business

Susquehanna Pfaltzgraff

Comcast Corporation Agrees to Buy Susquehanna Communications from Susquehanna Pfaltzgraff

Susquehanna Pfaltzgraff Co. and Comcast Corporation announced today that they have signed a definitive agreement to sell Susquehanna Communications (SusCom), the cable television and broadband services division of Susquehanna Pfaltzgraff, to Comcast, the nation's leading provider of cable, entertainment and communications products and services. Susquehanna Pfaltzgraff announced earlier this year that it would sell the business, citing changes in corporate and family circumstances.



"We are extremely proud of the state-of-the-art systems and exceptional customer care that SusCom and its outstanding people deliver to the marketplace today," said Louis J. Appell, Jr., chairman of the privately owned Susquehanna Pfaltzgraff Co. "We were a pioneer in cable television 40 years ago and have continually sought to provide our customers with leading-edge communications services."

William H. Simpson, president and chief executive officer of Susquehanna Pfaltzgraff, said, "Technological innovation is occurring rapidly in the cable and telecommunications industries, providing the ability for large companies like Comcast to cost-effectively deliver more traditional cable channels, as well as advanced services like

Video on Demand and Voice over Internet Protocol telephony."



William H. Simpson

Comcast Chairman and CEO Brian L. Roberts said, "These cable systems have been well run and are very complimentary to Comcast's service areas. We look forward to introducing Comcast's advanced suite of broadband services in these markets soon."

Comcast owned approximately 30% of SusCom prior to today's announcement. SusCom serves 225,000 basic cable subscribers primarily in Pennsylvania, New York, Maine, and Mississippi, many of which are in close proximity to systems already served by Comcast. Consumers in these markets will bene-

fit from the accelerated deployment of advanced video, high-speed data, and voice services.

The total transaction value is \$775 million and will result in Comcast consolidating the operations of SusCom for a net cash investment of approximately \$540 million or \$440 million after taking into account certain tax benefits. The transaction is expected to close in the first half of 2006 subject to various regulatory and customary closing conditions.

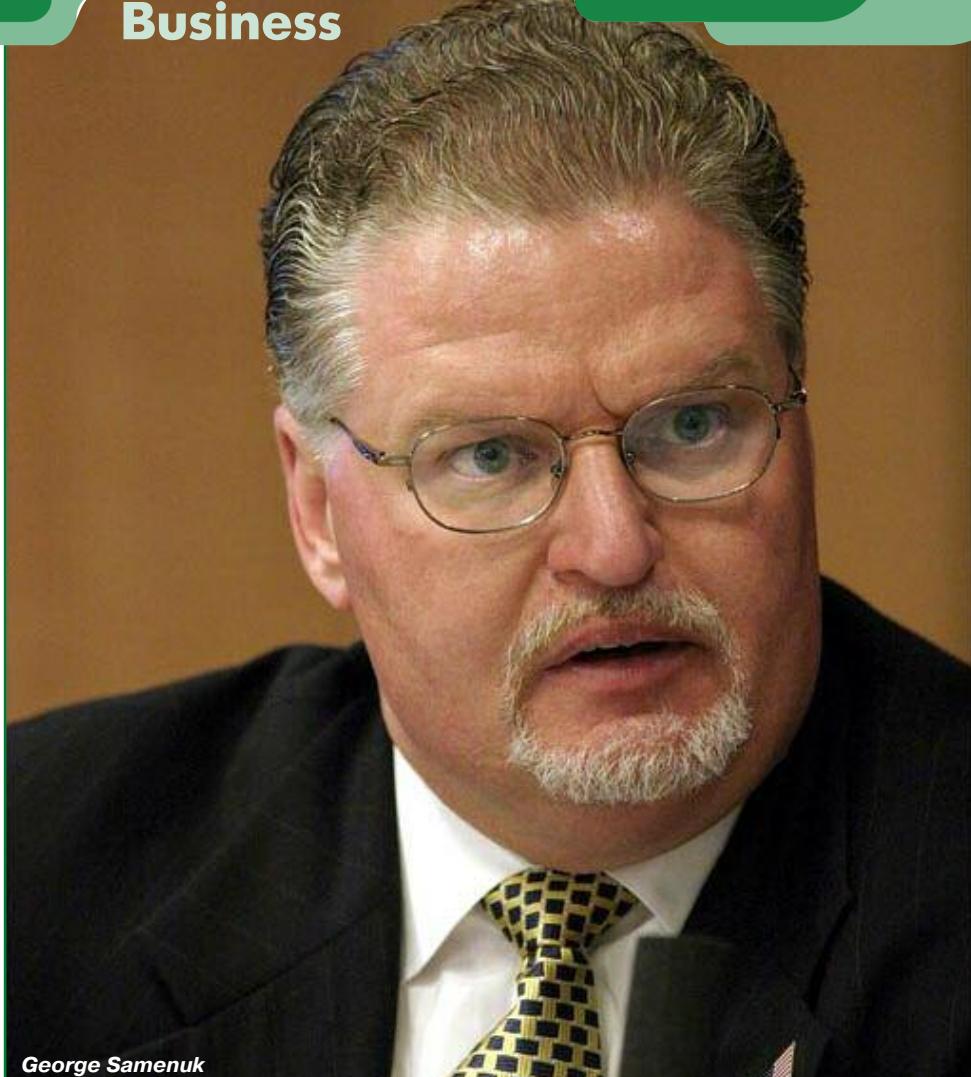


UBS Investment Bank acted as exclusive financial advisor to Susquehanna Pfaltzgraff Co. and Goldman, Sachs & Co. acted as exclusive financial advisor to Comcast Corporation. Separately today it was also announced that Susquehanna Pfaltzgraff agreed to sell Susquehanna Radio's operations to a partnership led by Cumulus Media, Inc.



Brian L. Roberts

Business



George Samenuk

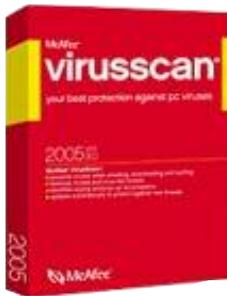
McAfee, Inc. Reports Third Quarter Revenue of \$253 Million



McAfee, Inc. today announced that for the third quarter ended September 30, 2005, consolidated net revenue was \$253 million. On a GAAP basis, McAfee's third quarter net earnings were \$23 million, or \$0.13 per share – diluted. On a non-GAAP basis, third quarter net earnings were \$63 million, or \$0.37 per share – diluted. Pro-forma operating margins for the third quarter improved to 30.3% year over year and GAAP operating margins were 6.1% for the quarter.

"2005 has been a year of exceptional growth for McAfee, across all

technologies and market segments," said George Samenuk, chairman and chief executive officer of McAfee, Inc. "We continue to hear positive feedback from our customers and partners about our market-leading technology and the strong results demonstrate the success of McAfee's focus on providing proven security solutions for users of all sizes."



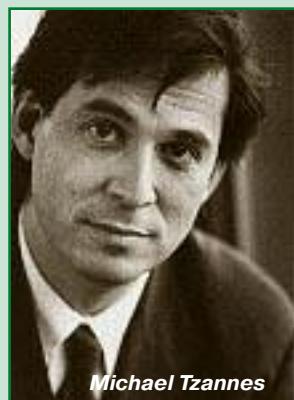
Aware, Inc. Reports 2005 Third Quarter Financial Results

Aware, Inc., a worldwide leader and innovator of broadband intellectual property, today reported financial results for its third quarter ended September 30, 2005.

AWARE

Revenues for the third quarter of 2005 were \$5.1 million compared to \$4.6 million for the same period last year. Net income for the third quarter of 2005 was \$0.6 million, or \$0.02 per share, compared to net income of \$0.2 million, or \$0.01 per share, for the year-ago period.

For the nine months ended September 30, 2005, revenues were \$12.0 million compared to \$11.9 million in the same period last year. Net loss for the nine months ended September 30, 2005 was \$1.3 million or \$0.06 per share, compared to a net loss of \$1.8 million, or \$0.08 per share, for the year-ago period.



Michael Tzannes

Michael Tzannes, Aware's chief executive officer commented, "Events in the industry and interactions with existing and prospective customers continue to build our confidence that our products and product developments are well positioned. The markets we are addressing are going through significant changes and we are optimistic that we can capitalize on these changes. Please join us on our conference call today where we will elaborate on the transitions that are underway in the DSL and biometrics industries and why they are positive for Aware."

Business

Trusted Data Secures \$6 Million in Series A Funding to Develop New Storage Technology



Trusted Data, an emerging technology company developing a new class of storage for the non-technical computer user, today announced it received Series A funding to advance the company's product development.



Leading venture firms, Greylock Partners and RRE Ventures, have invested \$6 million in Trusted Data's technology.



Aneel Bhusri

"Trusted Data is breaking from traditional conventions to make storage simple and straightforward enough for a non-technical audience," said Aneel

Bhusri, general partner at Greylock Partners. "This new technology will let the average computer user effortlessly protect and grow their data."



Networked storage has traditionally been the purview of the enterprise, but the storage market for small businesses and the networked home is projected to equal the enterprise storage market by the end of this decade. This rapidly growing market requires storage that is safe and expandable yet simple enough for anyone to manage, regardless of technical knowledge or

expertise. Yet, the storage industry continues to repackage complex technologies such as RAID, NAS, and SAN – with limited success – for this market's predominantly non-technical users.



"We are proud to have the confidence and financial commitment from Greylock and RRE Ventures. Through a strong understanding of the storage requirements of everyday people we will provide a new class of product designed to meet their needs rather than another derivative of enterprise RAID or NAS," stated Dr. Geoff Barrall, chief executive officer of Trusted Data.



Prior to launching Trusted Data, Dr. Barrall founded several other successful companies, most recently BlueArc Corporation. Currently, he serves as an



executive consultant for Brocade(R) Communications Systems, sits on the board of directors for Tacit Networks, and the board of advisors for Data Domain and NeoPath Networks.



Data Domain®



Business

Siemens Acceleration Invests in GlooLabs, Inc.



GlooLabs, Inc. today announced that Siemens Acceleration in Communications has invested in GlooLabs, Inc. GlooLabs' software technology, called GlooNet™, is a Java-based platform that allows digital media stored on a home computer to be accessed remotely through any Internet-enabled computer, mobile phone, or PDA. The funding will allow GlooLabs to expand its product portfolio and ramp-up operations for large-scale customer deployments.

VISIT
SIEMENS ACCELERATION
IN COMMUNICATIONS
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EXHIBITION 2005
16-18 NOV. HONG KONG

GLOOnet

Seamless access to personal media and other data has become considerably important in the converging computing and home entertainment environments. GlooLabs' architectural approach overcomes the current gap of desktop and browser based solutions by allowing end users to retrieve media files stored on various mobile devices and view or play them on any other connected device. GlooLabs' modular platform enables fixed line operators, wireless operators, handset and set top box manufacturers to rapidly bring a wide variety of new products and services to market under their own brand.



Using GlooNet, consumers can access their home audio collection

while at work, select pictures stored on their home PC from a print shop kiosk or share pictures and videos with friends and family without sending bulky email or waiting for lengthy uploads. Additionally, GlooNet includes features for enabling mobile phones to be used as wireless MP3 players without the need for significant local storage capacity.

GlooNet is currently being deployed in several markets in the United States, Asia and Europe. A public GlooNet demonstration site is available at <http://www.gloonet.com/>. Siemens Acceleration will showcase GlooLabs and four other portfolio companies at the 3G Congress in Hong Kong from November 16 -18, 2005.



Dr. Dietrich Ulmer

"GlooLabs has a very unique position in the crowded field of multimedia services and solutions," said Dr. Dietrich Ulmer, CEO of Siemens Acceleration in Communications. "Their approach has received immediate, positive response from both the market and the fixed network unit of the Siemens Communications Group. I am confident our strategic investment will greatly benefit both parties."

"The rapid growth of personal media, broadband networks and the desire to access one's photos, music, videos and documents anywhere and at any time has created a tremendous opportunity for GlooLabs," said David Arfin, CEO of GlooLabs. "We're excited to have Siemens, a strong global player in the world of communications, as an investor and partner."

EXPLORE YOUR OPTIONS

Exclusive PC World rebate at
www.alienware.com/explore

Alienware recommends
Microsoft® Windows® XP.



Area-51® 3500



Operating System
Microsoft® Windows®
XP Home Edition

Processor
Intel® Pentium® 4 Processor
520 with HT Technology

Memory
512 MB DDR
PC-3200 at 400 MHz

Hard Drive
80 GB 7200 RPM
SATA with 8 MB Cache

Primary Drive
16X Dual Layer
DVD±RW Drive

Starting at
\$999

Sentia™



Operating System
Microsoft® Windows®
XP Home Edition

Processor
Intel® Pentium® M 725 Processor

Memory
256 MB DDR PC-2700
at 333 MHz

Hard Drive
10 GB 5400 RPM ATA 100

Optical Drive
24X CD-RW / 8X DVD Combo Drive

Display
12.1" Wide-XGA LCD Display with
Clearview® Technology

Starting at
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Data bits

MSN is working with the Open Content Alliance to bring millions of publicly available print materials worldwide to the Web.



MSN Search today announced its intention to launch MSN(R) Book Search, which will support MSN Search's efforts to help people find exactly what they're looking for on the Web, including the content from books, academic materials, periodicals and other print resources. MSN Search intends to launch an initial beta of this offering next year. MSN also intends to join the Open Content Alliance (OCA) (<http://www.opencontentalliance.org/>) and work with the organization to scan and digitize publicly available print materials, as well as work with copyright owners to legally scan protected materials.



"With MSN Book Search, we are excited to be working with libraries worldwide to digitize and index information from the world's printed materials, taking another step in our efforts to better answer people's questions with trusted content from the best sources," said Christopher Payne, corporate vice president of MSN Search at Microsoft Corp. "We believe people will benefit from the ability to not just view a page, but to easily act on that data in contextually relevant ways, both online in the search experience and in the applications they are using."

MSN will first make available books that are in the public domain and is working with the Internet Archive (<http://www.archive.org/>) to digitize the material. MSN will then work to

extend its offering to other types of offline content. The digitized content will primarily be print material that has not been copyrighted, and Microsoft will clearly respect all copyrights and work with each partner providing the information to work out mutually agreeable protections for copyrights.



MSN Book Search will help address the fact that over 50 percent of people's online queries go unanswered today on search engines, according to internal Microsoft(R) research. This effort will enrich people's search experiences, allowing them to access and interact with previously unavailable digitized data in contextually relevant ways, such as facilitating book club interactions or informal family reading, indexing images, or using graphics, keywords and other features to allow for better and faster retrieval of information.



Christopher Payne

The volume of information to be made available is tremendous. From offline sources, including radio, television and books, almost 800 megabytes of information is produced per person, per year in the U.S., according to "How Much Information," a University of California, Berkeley study.

The OCA represents the collaborative efforts of a group of cultural, technological, nonprofit and governmental organizations from around the world that are helping to build a permanent archive of multilingual digitized text and multimedia content.

"The goal of the OCA archive is to digitize and make available globally sourced digital collections, including multimedia content, representing the creative output of humankind," said Brewster Kahle, digital librarian and founder of the Internet Archive. "We are proud that MSN is working with the OCA in the shared vision of creating a better, more relevant search experience for people around the world."

Microsoft will be collaborating with organizations, educational institutions and libraries throughout the world to build a rich index of information, which it believes will foster the delivery of trusted content from the best sources, not just Web pages. While MSN Book Search will begin with books, Microsoft expects the initiative to branch out to include all types of offline content.

"We are committed to working with various institutions to combine our technology and software innovation to deliver rich, treasured content that is not broadly available today," Payne said. "By combining our deep software investments in advanced reading technologies, productivity- and community- based applications, such as MSN Messenger, and new capabilities in the Windows(R) platform will combine to make a powerful book search experience that will help people access new information and interact with it in entirely new ways."

Data bits

How Much Security is Enough? The First in a New Series of e-Signature Whitepapers from Silanis

Silanis Technology, the industry's most experienced electronic signature provider, with more than two million consumers and users in business and government, today released a new whitepaper through its online resource center. Entitled "Security in Electronic Documents and Signatures", the whitepaper addresses one of the greatest sources of confusion for organizations tasked with assessing their electronic signature requirements - identifying the appropriate level of security for the targeted business process.



"The main reason why organizations move their document signing processes into an electronic environment is to make them more efficient; however, the exact opposite sometimes occurs," says Michael Laurie, co-founder and vice-president of Silanis Technology. "Some companies end up making the electronic process even more complex and difficult to use because they set a higher standard for security than is normally required with paper."

The reason for this, according to Laurie, is based on a common misconception that electronic signing increases the risk of fraud and therefore requires more security.

"Organizations have the tendency to focus their electronic signature initiative on implementing technologies that authenticate users, when in reality they already have most, if not all, of the security measures in place to establish the identity of its signers," says Laurie.

The whitepaper defines the many forms of user authentication that exist today, such as personal information verification (PIV) and credentials, while emphasizing that they are not necessarily methods of electronic signing.

"Signing is the expression of intent to approve, authenticate or agree with the information in a document. It requires a specific action, such as clicking on a button or entering a password," explains Laurie. "An electronic signature solution must reliably capture and reproduce that intent, while ensuring compliance with applicable laws, regulations, standards and policies."

The whitepaper also addresses security as it applies to documents, signatures, transactions, information privacy and authoritative copies. The whitepaper can be accessed by visiting Silanis' electronic signature resource center located at:

http://www.silanis.com/site/resource_center/index.php or
<http://www.silanis.com/site/corporate/whitepapers.php>

Automated Analysis of Security-Sensitive Protocols

The sheer number and variety of security protocols for Internet applications under development makes it difficult to be sure that any one protocol is 100 per cent secure from attack. Now an automated tool can systematically validate these security-sensitive protocols and applications.

"The AVISPA software tool enables a security protocol designer to input the protocol and the language he/she wishes to use, then feeds back information on this protocol including any known bugs or security weaknesses," says Professor Alessandro Armando of the University of Genoa's Artificial Intelligence Laboratory (DIST) and coordinator of the IST programme-backed Future and Emerging Technologies project AVISPA. "Previously such protocol designers had no automated support to help them in their design role - that is the purpose of the AVISPA tool."

Secure protocols are a vital element in carrying out safe online interactions between a user's Web browser and a company Web server, for example a bank's Web server in an online banking application. Though such protocols might look simple, they can often be extremely difficult to get absolutely right, such as with no bugs or weaknesses in the protocol.

Data bits



Armando quotes the classic example of the Needham-Schroeder public-key protocol, which was first published in 1978 as a means of mutual authentication between two parties using public-key cryptography. The protocol was eventually found to be vulnerable to simple attacks in 1996, eighteen years later!

AVISPA participants aimed to develop a push-button, industrial-strength

technology for the analysis of such security-sensitive Internet protocols and applications. The project finished in July 2005 with the release of the AVISPA tool, which is a simple software application that runs on a PC or via a Web interface. It can be accessed online, and offers both a Basic and an Expert mode.

The consortium partners believe that this new tool will help speed the development of the next generation of

security protocols, and improve their security in the process.

Project partner Siemens has already discovered a weakness in one of its own protocols using the tool, and has revised the protocol and issued a new patent accordingly. The partners have also been joined by SAP and submitted the AVISPA results for inclusion into a potential new IST project AVACOSS which will analyse more complex security-sensitive applications.

AVISPA
Automated Validation of Internet
Security Protocols and Applications

Mode
 Basic Expert

Protocol

```
%% PROTOCOL: (MS-)CHAPv2
%% Challenge/Response Authentication Protocol, version 2
%% PURPOSE:
%% Mutual authentication between a server and a client who share a password.
%% CHAPv2 is the authentication protocol for the Point-to-Point Tunneling Protocol
%% suite (PPTP).
%% REFERENCE:
%% \cite{RFC2759}
%% MODELER:
%%\begin{itemize}
%%\item Haykal Tej, Siemens CT IC 3, 2003
%%\item Paul Hankes Drielsma, ETH Z\"urich
%%\end{itemize}
%%
%% ALICE_BOB:
```

Edit File **Save File**

Tools	Files
HLPSL HLPSL2IF IF OFMC ATSE SATMC TA4SP	None <input type="button"/> Load File <input type="text"/> Browse... <input type="button"/> Load File

Edit the loaded file or choose a tool

Data bits

WiMAX Forum(TM) Extends Board of Directors With New Member - KT Joins WiMAX Forum Board of Directors



Indicative of the increasing commitment by operators to deliver WiMAX services on a global scale, the WiMAX Forum(TM) today named KT Corp., the leading provider of high-speed wireless broadband in Korea, to its board of directors. As a networking company



that has been preparing next-generation mobile communications, home networking, media, IT and digital content services as new future growth engines, KT plans to launch WiBro service in Korea using mobile WiMAX technology in 2006.

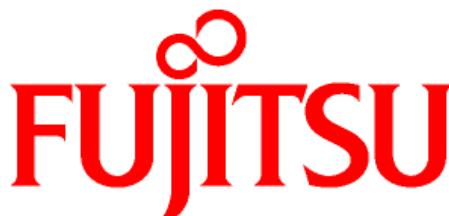


Ron Resnick

"We've continually been able to develop our board with those leaders that can guide the Forum to the next phase of market success," said WiMAX



Forum President Ron Resnick. "The addition of KT to our board of directors further validates the work by the WiMAX Forum and our collective commitment to serving the interests of operators to ensure delivery of true broadband services to subscribers around the globe."



Representing KT on the board is Jong-Seog Koh, Ph.D., vice president of KT's Mobile Internet Business Group. Koh comes to the board with more than 16 years of experience in the telecommunications industry and has been a member of IEEE for more than 20 years.



"From the beginning, the WiMAX Forum takes the necessary steps to educate the market and work with the industry to motivate suppliers and



operators to promote the faster worldwide adoption of wireless broadband," said Koh. "At KT, we are working with



ny, we work diligently to assure that WiMAX services and value-added applications will meet the growing demands of users for years to come."



Currently, the WiMAX Forum board members comprise executives from Airspan Networks Inc., Alvarion, Aperto Networks, AT&T, BT, Fujitsu, Intel Corporation, Samsung, Sprint, Wi-LAN, ZTE Corporation, and the



newest addition, KT. The WiMAX Forum continues to grow, with a current membership of over 325 companies. Under the WiMAX Forum umbrella, these companies collaborate to



help spread wireless broadband globally and make mobile WiMAX the next frontier for personal broadband.





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Mobile Evolution Unveils Mobile Credit Card Processing with "Approve-Anywhere" Technology

Merchant services specialist Mobile Evolution announces a new suite of mobile credit card processing solutions including ccFone, ccWeb, and ccVoice. Until now, credit card authorization was reserved for big companies or those willing to pay astronomical transaction fees. In a financial climate where no one carries cash and taking checks becomes riskier all the time, Mobile Evolution has changed the scene. The new mobile credit card processing solutions allow transactions to be quickly and inexpensively approved over digital wireless phones, a simple Web interface or voice lines.



"More and more people are providing products and services outside traditional offices and retail spaces," explains John Oberg, Mobile Evolution president and CEO. "Mobile Evolution fills a merchant services void for small and mid-sized businesses in a wide range of industries – from plumbers and electricians to direct sellers, artists and web designers. In many cities, a taxi driver who accepts credit cards through their cab company is likely to pay an extra 10% fee. We process credit cards for a fraction of that."



Mobile Evolution's three core products, ccFone, ccWeb and ccVoice make up the mobile credit card processing solutions, as well as ccChoice, which provides subscribers access to all three platforms. Of the three, ccFone appears to have the broadest appeal, employing a step-by-step approval interface directly on the screen of a digital wireless phone.



For a minimal one-time software licensing fee and low transaction costs, Mobile Evolution opens the door to increased sales and greater financial protection for sole proprietors, home-based businesses, and anyone in the service industry. In fact, a survey by PriceWaterhouseCooper suggests that credit card processing capabilities can as much as triple some marketers' revenues. In an economy where not accepting credit cards can be a financial liability, Mobile Evolution offers an easy-to-use, economical solution. What's more, Mobile Evolution offers 24/7 customer support and ensures state-of-the-art security.



"Our system was designed using robust, open-source programs by leading technology and financial services partners. In addition, we use 128-bit encryption – the same level of security used in online banking – to ensure the protection of all sensitive information," adds Oberg.



Mobile Evolution began beta testing the ccFone, ccWeb and ccVoice suite in 2004, and has recently rolled out the first full release of its mobile credit card processing solution to more than 100 subscribers. For more information about Mobile Evolution's merchant services, visit them on the web at www.mobilevolution.com or call 1-877-783-4676.

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FEATURES

David vs. Telephony Board Goliaths - Part Two

Uniqall today released the first major overhaul of its flagship Gridborg HMP Server, their voice, fax and conference board replacement software.



HMP (Host Media Processing) is a concept rising in popularity among telephony board vendors over the past year – boosted by VoIP and Moore's law. Both network connectivity and media processing issues can be resolved by a software solution, freeing the developers of computer telephony applications from the inconvenience and cost of specialized hardware parts.

Of the numerous improvements and added features in Gridborg HMP Server 1.1, the most far-reaching is the opening of Gridborg Protocol, which will give computer telephony developers much more freedom. While the old version raised significant interest, due to the closed specification of its control protocol only a small percentage of developers, those using Envox, were able to use it through the Envox driver supplied by Uniqall.

"This time the Gridborg HMP Server's control protocol is open and well documented. It is ASCII-based, simple, and easy to use. One can use C/C++, VB.NET, Java, Python or virtually any other programming or scripting language," said Borko Jandras, lead developer of the Gridborg HMP 1.1. "Also, vendors of other CT tools are welcome to join the party. Now they can make Gridborg HMP drivers themselves, or contract us to do it for them."

Another major new feature is the ability to originate and terminate faxes on IP networks over T.38 FoIP (Fax over IP) protocol. This will appeal to those fax server and unified messaging vendors who wish to future-proof their products by moving them to IP networks, or simply find the least expensive building block option.

Conferencing also went through a complete overhaul, with three features showcased. The first is the ability of each port to carry out continuous sound energy detection and trigger

asynchronous active talker notification events on each significant change of sound energy detected. There's also the ability of each audio source resource to send multiple, differently pre-processed, instances of the same audio stream in different directions and each audio sink resource's ability to seamlessly mix all audio streams that come in its direction.

The number of "conferences" and "conferencing parties" created through these last two features can scale to the host processor's raw processing power. Taken all together it is clear why the Gridborg HMP Server's conferencing abilities will easily spur the imagination and find a warm audience among developers of conferencing, collaboration, and contact center applications.



Boris Pavacic

"It took an enormous amount of hard work. But when we look at the product we had a year ago, and then again at the one we have today, it was worth the effort," said Boris Pavacic, CTO of Uniqall, Inc. "With T.38 fax written from scratch now behind us, SIP is the only major part of the task that is still currently missing. And since we build on top of open source VoIP protocol stacks, we are going to address this sooner than many expect."

On a dual-processor 1.6 GHz (single core) Opteron server the Gridborg HMP Server 1.1 is able to handle up to 240 G.711 voice, or 60 T.38 fax sessions, with a simple client application running from another computer. If sharing a server with client applications, or if client applications are complex, lower port counts may be more realistic. However, it should be taken into account that 1.6 GHz Opterons are hardly state of the art these days. At

present, 2.6 GHz single-core and 2.2 GHz dual-core Opterons are available.

Unlike products from most competing vendors the Gridborg HMP Server 1.1 lacks copy protection, thus simplifying management for those running mission-critical applications. Everyone who has experienced the failure of a dongle or of a hardware component that software-based copy protection locks to, followed by frantic midnight attempts to get a dongle replacement or a new software key, will appreciate this feature.



Without a background in the telephony board business, and accordingly without hardware-based revenues to protect, Uniqall has priced its Gridborg HMP Server 1.1 in sharp contrast with competing HMP solutions – on a per processor basis. The price is \$490 per processor, or \$20 per concurrent port – whichever is lower. In both cases all resources are unlimited. According to the license, the use of multi-core processors or server virtualization technologies does not affect the price. All existing customers may upgrade to version 1.1 free of charge.

It is worth noting that the Gridborg HMP Server 1.1 is free to developers for development purposes, as well as for educational and other non-commercial use within educational institutions. Following registration, all interested parties may download it from Uniqall's web site.

Although this release is focused around Gridborg Protocol, Envox users are not forgotten. The Gridborg HMP Envox driver is also updated including T.38 Fax, AGC and Transaction Recording capabilities, and works with Envox versions 5.1, 6.0 and 6.1.

The Gridborg HMP Server 1.1 is available for Windows and several Linux distributions, with an Open Solaris (x86) version following within the next few weeks. Support for other operating systems and processor architectures is planned for subsequent minor releases.

FEATURES

Shenick Proves the Quality of Redback Networks Products in Triple Play Subscriber Rollouts

"What we have is the ability to emulate individual subscriber traffic from thousands of households with a triple play mix of Internet TV viewers, VoIP calls and high speed internet traffic" says Robert Winters, co-founder and CMO of Shenick Network Systems.



"A triple play service provider can have hundreds of thousands of customers using the system in various ways, 24 hours a day. The quality of experience the users enjoy has always been a major concern and it is even more so, now that progressive telecom companies are offering triple play services - high-speed Internet, video (IPTV) and voice applications, such as delay-sensitive VoIP. Redback Networks of San Jose, California, provides the industry with the highest quality edge routing and broadband subscriber management infra-



structure, and I am happy to announce that they are now using Shenick's diversifEye as a prime quality of service, experience and proof of concept testing tool."

Essentially, diversifEye offers thousands of triple play broadband users in a box. That is, it can emulate an almost infinite variety of user traffic scenarios, with IPTV, high-speed internet, voice applications, streaming and other services all running simultaneously.

It can show how a system under test responds to everything from one IPTV viewer's experience all the way up to the endless traffic variations generated by millions of Internet users. Accordingly, diversifEye provides a highly granular test tool,

in that it gives the testers a close look at one grain of sand or the entire beach in every imaginable circumstance. No other testing tool in the industry has this one-to-millions scalability.

"We offer broadband subscriber management systems that must perform under a variety of scalable operational conditions and usage scenarios and at the end of the day, triple play's all about the user's quality of experience" says Arpit Joshipura, Redback's Vice President, Product Marketing and Management. "There is zero compromise, when it comes to issues such as IPTV subscriber quality, and Redback required a highly granular, realistic perspective on service and performance, right down to the triple play subscriber household level and the individual users therein"

Using diversifEye, Redback has created a highly sophisticated array of tests. For example, they can measure and compare the quality of service received by an IPTV viewer who changes channels every few minutes and one who thumbs the remote every few seconds; and, of course, thousands of users with differing change rates can be built into a test, as well.

"And it doesn't stop there," says Shenick's Robert Winters. "diversifEye is stackable, so if two chassis are connected, you'll double the number of emulated users, and so forth. It can also emulate household subscriber usage which is a very important component in testing Redback Networks SMS product line. Worldwide, telecom companies are already delivering triple play broadband services. So, it's essential for Redback to be able to create and test household subscriber usage profiles, in which, say, one person is on the Web, one is using the phone and others are watching TV, and diversifEye gives them that capability, too."





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RealNetworks Announces Third Quarter 2005 Results

RealNetworks(R), Inc., the leading creator of digital media services and software, today announced results for the third quarter ended September 30, 2005.

Third Quarter Highlights

- Revenue of \$82.2 million, an increase of 20% from the prior year
- Net income of \$11.2 million
- Increased total paid subscribers to more than 2.2 million



For the third quarter of 2005, Real reported quarterly revenue of \$82.2

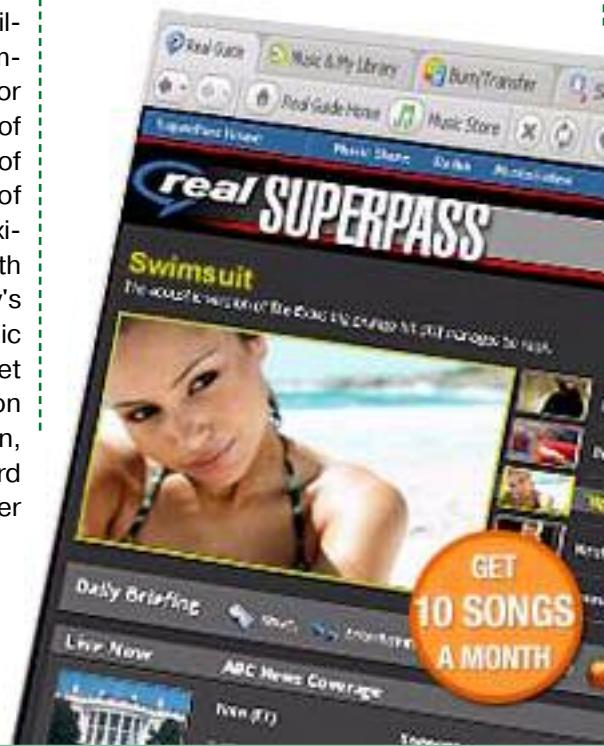
million, up 20 percent from \$68.3 million in the third quarter of 2004. Real reported GAAP net income of \$11.2 million, or \$0.06 per diluted share, compared to a net loss of \$7.0 million, or (\$0.04) per share, in the third quarter of 2004. The results for the third quarter of 2005 include an after-tax gain of approximately \$8.4 million, or approximately \$0.04 per share, associated with the sale of a portion of the Company's equity investment in a Japanese public company. Non-GAAP adjusted net income, excluding antitrust litigation expenses of approximately \$3.5 million, or \$0.02 per diluted share, for the third quarter was \$14.7 million, or \$0.08 per diluted share.

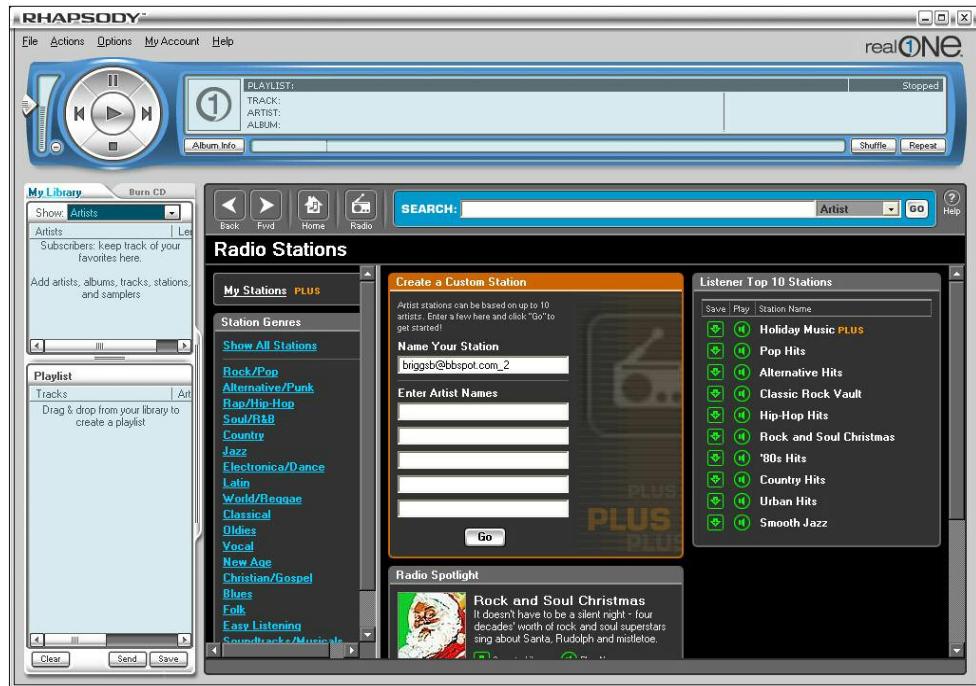
EBITDA (Earnings before Interest, Taxes, Depreciation, and

Amortization) was \$16.0 million compared to a loss of \$3.9 million in last year's third quarter. Absent antitrust litigation expenses, EBITDA was \$19.5 million for the third quarter of 2005, up from a loss of \$1.0 million in the comparable period during 2004. A reconciliation of non-GAAP EBITDA and EBITDA less antitrust litigation expense with GAAP net income is provided in the financial tables accompanying this release.



"We continue to make great progress with strong year over year revenue growth, increased profitability and a base of more than 2.2 million paid subscribers, including 1.3 million paid music subscribers," said Rob Glaser, chairman and CEO of RealNetworks. "We continue to expand our growing list of blue chip partners with new relationships with Sprint, Cingular Wireless and, most recently, Microsoft. Together with our partners we're continuing to expand our ability to offer digital music, video and games to consumers wherever and whenever they want them."





Earlier this month, Real announced a series of agreements with Microsoft worth at least \$761 million which settled all antitrust disputes worldwide and also include collaboration agreements around digital music and games. Real received \$460 million in cash associated with the antitrust settlement and technology assurance agreement and will receive another \$301 million in cash scheduled to be paid quarterly over 18 months related to the music and games agreements. Microsoft can earn pre-determined market rate bounties for delivering Rhapsody subscribers to Real, which will be netted against the scheduled quarterly cash payments. The music partnership provides for the integration of Real's leading digital music subscription business, Rhapsody(R), throughout MSN Music, MSN Search, MSN Messenger and Windowsmedia.com properties. Under the games agreement, Real is developing a subscription games service to be promoted throughout MSN Games and also will develop a series of titles for Xbox Live Arcade.

Financial Overview

Real continued to see year over year revenue growth driven by its consumer segment, including Music and Games products and services. Third quarter revenue from the Consumer Products and Services segment grew 28 percent to \$71.8 million, up from \$56.0 million in the third quarter of 2004. In the third quarter, Music revenue grew 39 percent to \$25.0 million, up from \$18.0 million in the third quarter of 2004. Games revenue grew 62 percent to \$14.7 million, up from \$9.1 million in the third quarter of 2004. Media Properties revenue, which includes advertising, increased 59 percent to \$8.4 million, up from \$5.3 million during the same quarter last year. Video, consumer software and other revenue was \$23.6 million, flat in comparison to the same period a year ago.

Real's Business Products and Services generated \$10.5 million in revenue in the third quarter of 2005, compared to \$12.3 million in the prior year's third quarter. The decline was primarily based on a \$1.4 million revenue decrease related to a previously disclosed expiring legacy systems license agreement.

The Company's gross margin improved to 70 percent in the third quarter of 2005, as compared to 64 percent in the third quarter of 2004, due primarily to a shift in revenue mix to higher margin products as well as a reduction in content costs associated with certain products and services.

Operating expenses, including antitrust litigation, were \$57.7 million for the quarter compared to \$49.7 million in the third quarter of 2004 due to higher marketing costs and headcount. As of September 30, 2005, Real had approximately \$347 million in cash, cash equivalents and short-term investments, which includes the proceeds from \$100 million of convertible debt. In addition, the Company had approximately \$47 million in public equity investments.

At the close of the third quarter of 2005, Real had over 2.2 million paid subscribers to its premium digital media services, up from over 1.55 million for the same quarter in 2004. Of the total paid subscribers, Real had more than 1.3 million paid music subscribers at the end of the third quarter of 2005, up from more than 625,000 for the same quarter in 2004. The music subscriber counts include Rhapsody on demand services, premium commercial-free radio services and, in 2005, Rhapsody radio registrations bundled with broadband internet service providers.

Last quarter, the Company announced that the Board of Directors had authorized the repurchase of up to \$75 million of its outstanding stock. Real entered into a Rule 10(b)5-1 plan in order to facilitate the repurchase. As of September 30, 2005, Real had spent \$29.3 million on the repurchase of approximately 5.5 million shares.

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Domain Roundtable Conference Announced For April 2006



From Name Intelligence, the innovators of the popular Whois.sc domain search technology, comes an unparalleled domain name industry event, The Domain Roundtable.

Back by popular demand, Name Intelligence will be hosting the second annual Domain Roundtable Conference April 18-21, 2006.



The conference focus is the Domain Name and Web Traffic Industry, and will be valuable to attend for anyone who works with domain names and web sites.

35

The Domain Name Aftermarket, Auction Models, Valuation and Appraisal, Search Engine Ranking and Optimization, and Traffic Revenue, along with information about new Top Level Domains and trends in the industry.

Last year, the successful Domain Roundtable Conference in Seattle brought together a most diverse demographic, including search engine insiders, domain industry insiders (i.e. ICANN accredited registries, registrars, resellers), intellectual property interests (i.e. large corporations, trademark and IP attorneys), and domain entrepreneurs (i.e. affiliate

revenue, online advertising, domain search engine optimizers, auctioneers, domain aftermarket and large portfolio holders). The focus this year will be the same, but on a much vaster scale, bringing together professionals from the very far reaches of the globe.

The Domain Roundtable conference will act as a conduit for network facilitation within the industry, putting many professionals in one place at the same time, offering a platform of immense opportunity to discuss, debate, and deliberate on such topics of concern as search engine perspective on the industry, particularly SEO and improving engine capabilities and data retrieval, registration renewal and market trends, and so on. Additionally, issues regarding Whois privacy and the prevention of domain hijacking will be discussed.

DOMAIN ROUNDTABLE

The Domain Roundtable will provide sponsors with booth space, exhibiting opportunities, and speaker/panelist opportunities. The conference will be held at the new Bellevue Westin Hotel. This beautiful facility is centrally located in Downtown Bellevue and accommodations for attendees will be available in the host hotel. In addition to domain name industry conference sessions, there are special keynotes and local networking events during the dates of the conference for interested parties. Information about the conference and activities can be found at the domain-roundtable.com website.

For more information on The Domain Roundtable Conference, contact us at 206.838.9035, extension 8 or by email april2006 at domainroundtable.com.

Whois Source

Name Intelligence, Inc.

Hosting & Domains

National Arbitration Forum Issues Decision on Football Great Emmitt Smith's Web Address

The National Arbitration Forum announced today that a ruling has been issued in favor of former Dallas Cowboy and all-time NFL rushing yards leader Emmitt Smith regarding the rights to emmittsmith.com.



The National Arbitration Forum received an electronic complaint on September 8, 2005 from Emmitt Smith III, represented by John A. Thomas, of Glast, Phillips & Murray, P.C., asserting legal rights to the domain name emmittsmith.com. The address was registered by the Respondent, EMMIT-SMITH.com c/o Whois IDentity Shield, of Vancouver, British Columbia, on May 17, 2001. It redirected Internet users to a commercial website featuring links to third-party businesses unrelated to Emmitt Smith.

National Arbitration Forum arbitrator Tyrus R. Atkinson, Jr. ruled in favor of Emmitt Smith. The arbitrator determined that Smith possesses common law rights in his name based on the fame and reputation associated with his NFL career, and that the Web address emmittsmith.com was "confusingly similar" to Smith's name. Atkinson also found that the Respondent did not have legitimate rights to, or interest in, the disputed

36 Web address and was using the

address in bad faith presumably earning commissions for redirecting Internet traffic to third-party commercial sites.



During the course of the proceedings, the Respondent's registration of the domain name emmittsmith.com was either deleted or expired, prompting Smith to redeem the domain name under the new Expired Domain Deletion Policy (EDDP) of the Internet Corporation for Assigned Names and Numbers (ICANN). This was the first decision issued by the National Arbitration Forum utilizing the EDDP.

The National Arbitration Forum hears thousands of disputes every year that are similar to that of Emmitt Smith. The domain name dispute process is a popular alternative to lengthy and expensive trademark lawsuits.

The National Arbitration Forum website provides a copy of the decision, Emmitt J. Smith, III v. EMMIT-SMITH.COM c/o Whois IDentity Shield, at:

<http://www.arb-forum.com/domains/decisions/555486.htm>

FileFront Offers Unlimited Free File Hosting on FileFront.com

FileFront ushers in a new era in file hosting by announcing the unprecedented availability of free unlimited file hosting on FileFront.com. Users may upload any legal files to their personal space on FileFront.com and make the files available as free downloads to anyone, anywhere in the world. Registration is free, transferring files is easy, and there is no limit to the number of files that users can store on FileFront.com.

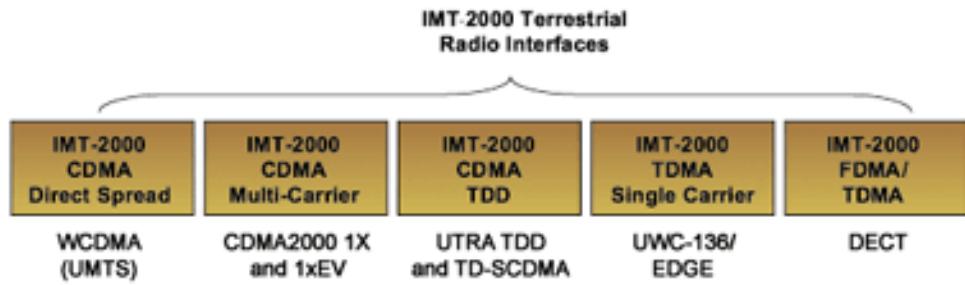
Users are able to store their files remotely and allow public or private access to any or all of their files. FileFront's service also permits unlimited uploads, unlimited downloads, unlimited bandwidth usage, and unlimited storage space. FileFront has been rapidly implementing new feature requests and, in the future, users will also be able to fully customize the look and feel of their own personal file page. For more information and to try it out yourself, visit <http://www.filefront.com/>.



"We wanted to offer a service to our users that is unique and virtually unprecedented in the industry. Gamers always seem to have an abundance of screenshots and videos that they want to share with their gaming friends, but web hosting and FTP services usually cost money. Our free file hosting service makes it easy for gamers to make these kinds of files available for their friends to download," said Chris O'Brien, Chief Technical Officer for FileFront.

International

International 450 Association Promotes the Success of CDMA2000 at 450 MHz

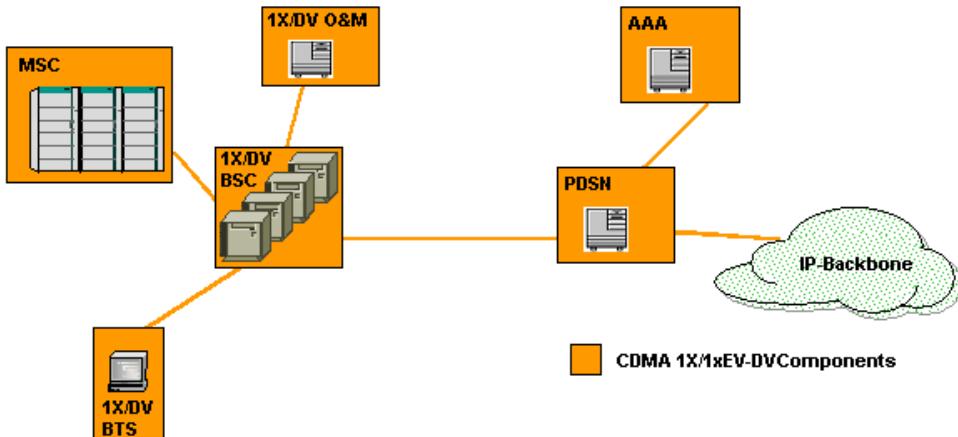


The International 450 Association held its 4th Plenary Meeting last week in conjunction with the 450 Digitalization Conference organized by Informa. Both of these events demonstrated the growing success of mobile cellular and fixed wireless networks operating in the 450 MHz band using CDMA2000® (also known as CDMA450).



Over the past 12 months more than 15 new networks have been brought into commercial service and licenses to operate CDMA450 networks have been issued in more than 10 countries bringing the total number of CDMA450 operations to 30. Growth is particularly strong in Asia and South America, and CDMA450 networks are also being established in Africa and the Middle East.

CDMA450 is a very spectrally efficient technology which allows the introduction of high capacity voice and fast data mobile services in frequency spectrum less than 1.8 MHz. Using the excellent propagation properties of this frequency band CDMA450 networks can cover large areas with a minimum of base stations giving a relatively low capital outlay when building and expanding a CDMA 450 network. This allows truly affordable high capacity voice and high speed data services to be delivered to both urban and rural communities for the first time.



The 450 Digitalization Conference showed the diversity of services which CDMA450 can offer. From low cost voice, to the provision of universal high speed data services, delivering data speeds of up to 2.4 Mbits/second using CDMA2000® EV-DO. The cost of both voice and data terminals (fixed and mobile) are falling due to the rapid increase in subscriber numbers and the choice of terminals are increasing with more manufacturers bringing CDMA450 products to market.

At the exhibition associated with the Conference a number of manufacturers exhibited CDMA450 products. Four major manufacturers are currently selling infrastructure products for CDMA450 networks together with a number of other manufacturers selling individual network components. Another 7 companies are supplying Mobile, Data and Fixed Wireless Access terminal products for CDMA450.

The next big step for the evolution for CDMA450 will be the introduction of CDMA 2000 EV-DO rev A which will result in the increase in downlink and uplink data speeds up to 3.1 Mbits/second and 1.8 Mbits/second respectively, which will give the option of using Voice over IP (VoIP). The introduction of CDMA 2000 EV-DO Rev A is planned for the second half of 2006 and will enable remote subscribers to receive even more enhanced broadband data services in remote locations or whilst on the move.

International

Avnet ASIC Israel Selected as a MIPS Technologies Approved Design Center



MIPS Technologies, Inc., a leading provider of industry-standard processor architectures and cores for digital consumer and business applications, today announced the selection of Avnet ASIC Israel, Ltd. (AAI – www.avnet-asic.com), as a MIPS Technologies Approved Design Center. AAI is a subsidiary of Avnet, Inc., one of the world's largest distributors of semiconductors, electromechanical components, enterprise network and computer equipment, embedded subsystems and design services.

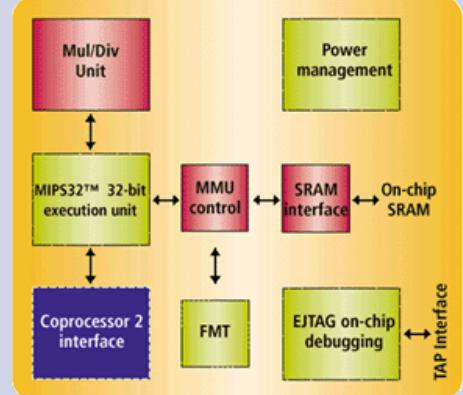


AAI has already worked on a variety of complex SoC designs for MIPS Technologies licensees worldwide. Adimos, a leading provider of wireless multimedia connectivity solutions for consumer appliances, used the MIPS32(R) 4KEp(TM) core in the company's Wireless Video Module(TM) (WVM) design, enabling high quality multimedia transmissions over a wireless channel between any multimedia source (DVD, VCR, Set-Top Box and Media Servers) and a multimedia display (Plasma TV, LCD TV, home projectors or projection TV).

BroadLight licensed the MIPS32 4KEc(R) processor core for use in its BL2000 GPON (Gigabit Passive Optical Network) and BPON (Broadband Passive Optical Network) SoCs. By incorporating the 4KEc core, BroadLight was able to significantly reduce development cost and speed time to market with the industry's first complete end-to-end GPON solution.



Nadav Ben-Ezer

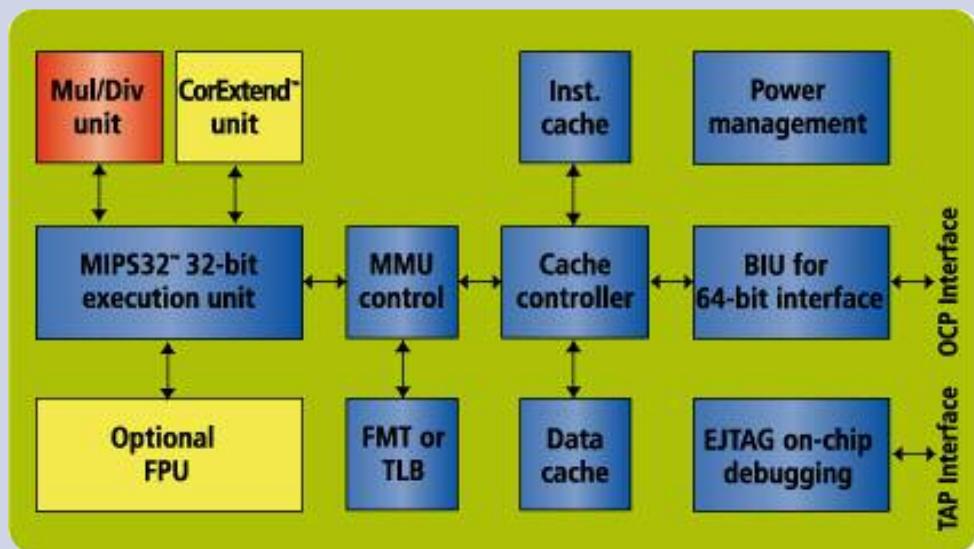


"Our services allow semiconductor companies and OEMs to better manage their engineering resources, get to market faster and keep costs down," said Nadav Ben-Ezer, Managing Director, AAI. "We are delighted to have the opportunity to work with MIPS Technologies and its customers."



Jack Browne

"AAI combines deep industry knowledge with a proven track record for helping our customers take their designs from concept to market quickly and cost-effectively," said Jack Browne, vice president of marketing, MIPS Technologies. "We are pleased to welcome AAI as Israel's first MIPS Approved Design Center, and look forward to collaborating on many more leading-edge designs."



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FEATURES

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- Prints up to 2.3" wide labels
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- PC and Mac compatible
- System requirements: Windows 98/ME/2000 or XP, Mac OS 10.2.8 or later

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Personal Finance

Overlooking Getting Your Free Credit Report Can Be Risky and Result in More Expensive Credit

Free credit reports for consumers finally became available nationwide in September 2005.

The free credit reports are a new feature of the Fair and Accurate Credit Transactions Act (FACTA), which amended the Fair Credit Reporting Act (FCRA) in 2003. The new FACTA also provides new protections and rights for consumers who are disputing inaccuracies and, in addition, there are several new provisions aimed especially at victims of credit and identity theft.

zTelligence®

There is a disconnect among consumers and small business owners however, when it comes to understanding the impact of FCRA/FACTA. According to some estimates, only about twenty five percent of the nation's adult consumers have taken advantage of their free credit reports, citing unfamiliarity as the number one reason. The same is true for small business owners according to zTelligence/ MarketTools, Inc. and Fellowes Inc. (the latter are the people who make shredders). Their survey showed small business people still unfamiliar with FACTA and the significant impact it can have on their business. This is crucial because FACTA requires all business owners to properly dispose of personal information that is derived from consumer reports. Anyone that does not comply could be subject to penalties if found liable. The results were from an online poll taken in July of 2005 of over 500 small businesses. It found very few businesses are aware of FACTA. When asked what

acts or regulations they had heard of, FACTA was recognized by only 13.1% of respondents.



The risk increases for the consumer and the liability rises for the small businessman, almost daily. Recently, ICFE received a call from a concerned consumer who had hired a home remodeling firm. She was shocked to find her entire credit card number and expiration date on a sub-contractor's clipboard. She wanted to learn more about what the new FACTA law had to say about credit card truncation rules for merchants before she called the contractor to complain. Truncation of credit card numbers results in only displaying last four digits on a sales receipt. It is now law under the revised FACTA and offenders could be subject to penalties if found liable.

Fellowes

It can be both risky and costly to people who ignore looking at their credit reports. For instance, many consumers, even though they have never been denied credit, may be paying more for their credit because of a lower than deserved credit score. Their credit score could be hurt by a timed-out negative account, which still appears on their credit report - even though the law says they are supposed to drop off seven years after the delinquency was first reported. The lower credit score may also result in their paying more for credit. An inaccurate late-pay appearing on a report, as

another example, could cause a universal default clause to be enforced, resulting in higher interest rates and higher fees, coupled with a lowered credit limits.

It is certainly risky for active credit users to avoid looking at credit files because about three quarters of a million more people will become victims of credit and identity theft in 2005. About 50% of them will make the discovery on their own, when they are reviewing their credit report. Those who don't discover it on their own usually get a shocking letter or telephone call about a new - and likely unpaid - account they had never even opened.

Consumers and those who are also small business owners have a lot at stake given the rapid growth rate of credit and identity theft in America. Too many consumers will look at their credit reports and unfortunately will discover they have become a victim of crime. Some look at their credit reports and see unfamiliar entries and may think nothing more about it, whereas a trained credit report reviewer would spot it as suspicious activity and alert the consumer about what precautionary steps to take.

Despite many attempts by Congress to streamline the credit reporting process, untold millions of individuals will need motivation to look at their free credit files. Others will also need help in understanding report means, and perhaps more important, how it's affecting their financial lives. If there are some inaccuracies, people may also need help and education on the do-it-yourself credit file correction process.

This lack of understanding and confusion by consumers about credit reports translates to having little or no sense of urgency about looking at a credit report, unless or until a problem arises. Researchers at Rutgers

Personal Finance

University discovered in the preliminary results of an on-line survey, about credit and identity theft, that residents of states which had mandated-by-law free credit reports were no more inclined to get their free credit report than consumers who resided in states where there is a cost. An industry observer estimated about 50 percent of the American people who get their credit reports are paying for them as part of some credit monitoring service with a monthly fee.



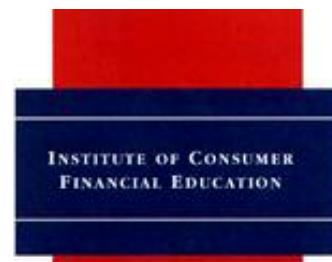
Some credit union members, military service members, clients of financial services professionals, including financial planners, insurance planners, debt and credit counselors are now taking advantage of a new service being made available by individuals in their communities who have become trained and certified by the award winning ICFE as Certified Credit Report Reviewers (CCRRs). The ICFE has certified over one thousand professionals nationwide.

Several credit unions have also had some of their counselors and lenders become ICFE Certified Credit Report Reviewers. Among the credit unions who are now offering credit report reviews and identity theft prevention tips to their members are; Navy Federal Credit Union, American Airlines Federal Credit Union, Newport News Shipbuilding Employee's Credit Union, ABNB Federal Credit Union, to mention a few.

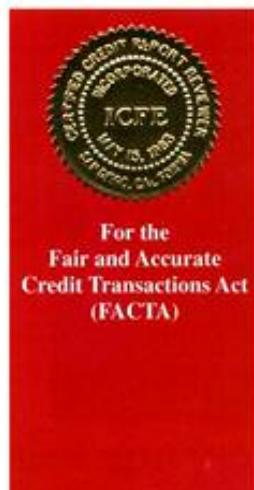
Pioneer Services, a financial services firm used by many service members, has a requirement that all their

field personnel must be ICFE Certified Credit Report Reviewers. Additionally many of their personnel are also ICFE Certified Identity Theft Prevention Specialists. About 150 Pioneer Services representatives have been ICFE certified since 2004.

Military command financial specialists and personal financial management specialists from all branches of the armed services have also become certified and now offer credit report reviews through the Army Community Service, the Fleet and Family Support Center, and the Air Force Family Support Centers in addition to individual counseling and review sessions. The ICFE is an Official Partner with the Department of Defense's Financial Readiness Campaign.



Certified Credit Report Reviewer Independent Study Guide



FEDERAL TRADE COMMISSION Protecting America's Consumers

Certified Credit Report Review applicants complete an educational study program on the new FACTA law and learn the playing rules the Federal Trade Commission has established about credit reports, delinquency reporting, fraud alerts, credit and identity theft prevention steps and resolution procedures and much more.

After passing a written examination, they become certified by the ICFE.



The Credit Report Reviewer Certification program, which is being considered for college credit, is endorsed by the International Association of Registered Financial Consultants (IARFC) and also awards 10 continuing education (CE) credits to its members who become certified. The CCRR program is also accepted for CE credits by the CFP Board of Standards and Practices and the National Association of Certified Credit Counselors and several other national professional organizations. It is also endorsed by Springboard, Nonprofit Consumer Credit Management (credit.org).



Credit report reviews are latest weapon against identity theft and it's also a good method to maintain the highest credit score possible. Credit report reviews should be conducted annually for the average consumer, semiannually for active credit users - those paying on three or more credit cards and/or loans per month..

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THE POSSIBILITIES ARE INFINITE



New Book, Advantage "IP," Tells Entrepreneurs and Established Companies How to Protect and Profitably Exploit Intellectual Property Assets

The creators of Teenage Mutant Ninja Turtles, SpongeBob SquarePants, PlayDoh, Hotmail, Snugli and Curves all made smart moves regarding intellectual property that ensured long-term profits and a competitive advantage. A new book by business attorney Jean Sifleet, "Advantage 'IP': Profit from Your Great Ideas", analyzes these and many not-so-successful examples for useful lessons on how to protect innovative ideas and turn them into revenue.



Jean Sifleet

"Too often, I've seen companies and individuals wake up to the gold mine that their intellectual property represents after employees have run off with their formulas or competitors have legally created a knock-off of their product," says Sifleet, a business

attorney, CPA and three-time entrepreneur. "Taking the time to protect trade secrets and appropriately use copyrights, trademarks, patents and non-disclosure agreements pay off big in the long run."

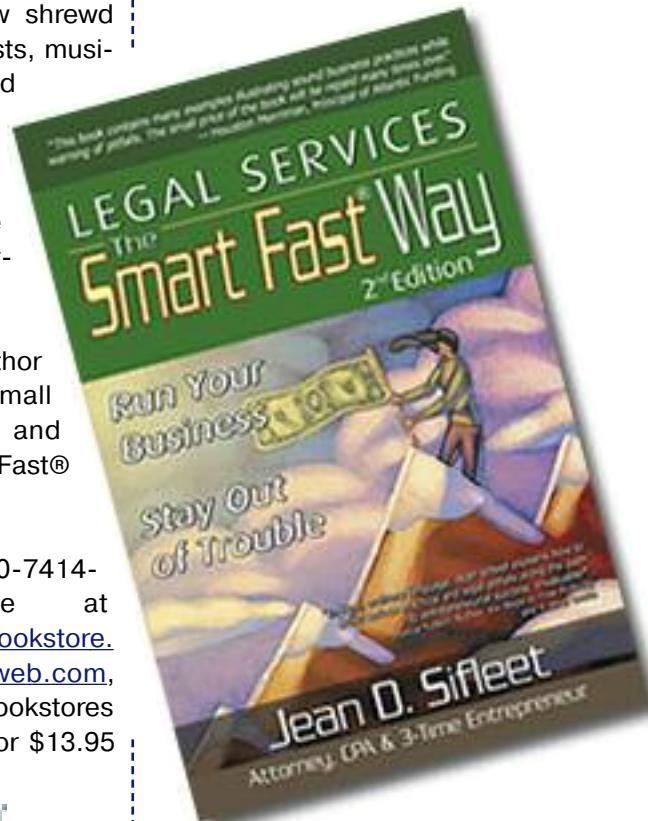
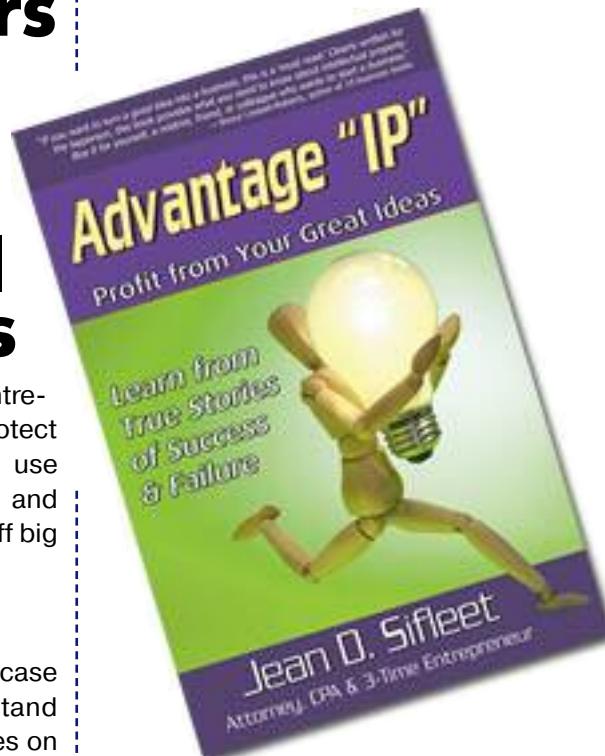
SMART FAST

"Advantage 'IP'" provides vivid case studies and easy-to-understand charts, explanations and resources on when, why and how to use intellectual property protection measures. Anecdotes and strategic principles make it clear not only how shrewd businesses and creative artists, musicians, photographers and business owners can prevent legal problems regarding their ideas but also gain the maximum return from the value of their ideas in the marketplace.

Jean Sifleet is also the author of "Beyond 401(k)s for Small Business Owners" (Wiley) and Legal Services - "The Smart Fast® Way" (Infinity).

"Advantage 'IP,'" ISBN 0-7414-2708-7, is available at <http://www.smartfast.com/bookstore.html>, www.buybooksonttheweb.com, as well as at popular online bookstores such as www.amazon.com for \$13.95 US.

amazon.com



Striata and PeerConnect Partner for Secure eMail Billing Regulatory Compliance with the USPS Electronic Postmark Service (EPM)

PeerConnect and Striata partner to bring groundbreaking technology to Electronic Bill Presentment & Payment (EBPP).



"Regulatory compliance is an essential requirement to enable ebilling paper turn-off. The Striata PeerConnect partnership brings Peerconnect's groundbreaking, patented technology and the legal protections of the USPS® Electronic Postmark® to the Electronic Bill Presentment & Payment (EBPP) industry", says Garin Toren, Chief Operating Officer of Striata North America.

eBilling using securely encrypted email drives significant customer adoption. The challenge is in realizing dramatic cost savings through paper turn-off. Regulatory compliance is achieved through the use of digital postmarks. Striata secure email bills can now include a United States Postal Service Electronic Postmark (USPS EPM). The 'Striata ePostmark' combines the digital signature of the sender with a unique official digital signature and timestamp issued by the USPS. The ePostmark is embedded cryptographically inside a USPS branded graphical postmark certifi-

cate which is then embedded within the message.

'Striata ePostmarks' bring together for the first time in a single solution, all the attributes of complete email authentication.

Says Jason Curtis, CEO of PeerConnect, "We are very pleased to announce our first strategic partnership in the ebilling sector. Striata is an energetic, fast moving partner focused on delivering industry-leading technology solutions. As such they have recognized the tremendous potential of the Electronic Postmark for opening up new sectors where compliance concerns have stymied electronic adoption."



Under the ESIGN law (Public Law 106-229), government regulatory bodies require companies and corporations to comply with security standards that utilize auditable time stamps, digital signatures and hash codes, thereby allowing a third party to verify the authenticity of the electronic content. The USPS Electronic Postmark is a trusted method for proving content authenticity and security. The United States Postal Service offers the EPM as a digital security service that combines trusted time stamps with content

authentication.

"Based on the legal backing of an Electronic Postmark (EPM) from the USPS embedded inside the Striata service, we provide proof that your secure email bill / invoice was sent at a specific time and date, that it was safely received only by the intended recipient, and was not tampered with in transit.

These patented technologies preserve the integrity and security of the email bill from sender to the intended / authorized recipient. Without compromising confidentiality, we aggregate information about your electronic transactions - the content, the authenticated sender, and the authorized recipients - creating a 'digital fingerprint' of the entire transaction. We then apply an EPM from the USPS, and send a copy of the fingerprint to the sender, the recipients, and to a trusted third-party repository to support non-repudiation." says Toren.

The Striata ePostmark provides a variety of mechanisms aimed at verification: the customer can choose to "forward to verify" or "click to verify" the message. This solution provides secure electronic billing content protected by numerous U.S. federal statutes and state laws that apply to electronic transactions.

Says Michael Wolf, CTO of PeerConnect, "Striata's best-of-breed technologies for secure e-billing can now be combined with the unique legal strength of the EPM to provide secure e-billing for customers where compliance is a key concern, including financial institutions, utilities, government agencies, and health care organizations. The United States Postal Service has a long history of providing for the trusted communications for the people of the United States. Together with Striata, we are now bringing this trust to securely encrypted email billing.

DataHub Scripting Puts Live Data into ODBC Databases

Cogent Real-Time Systems, providers of real-time connectivity software, announced today ODBC support for their Cascade DataHub, providing a direct link from live data feeds or the factory floor to any ODBC-compliant database anywhere on a corporate network.



"There's no need to be working with stale data anymore," said Mr. Andrew Thomas, president of Cogent. "Today's successful executive gets his information and makes decisions on what's happening right now—not 10 minutes or an hour ago—especially in the financial trading and manufacturing sectors."



While some aspects of a business might not need this kind of immediate data update, more and more companies are realizing its value. For financial

companies it's obvious, with applications like automated trading, straight-through processing and trading group coordination. In industry, designers of manufacturing execution systems (MES) have been wishfully eyeing process data for years, but haven't been able to get it into their ODBC databases without a lot of effort. There were connectivity problems, sluggish performance, and proprietary software protocols to deal with.

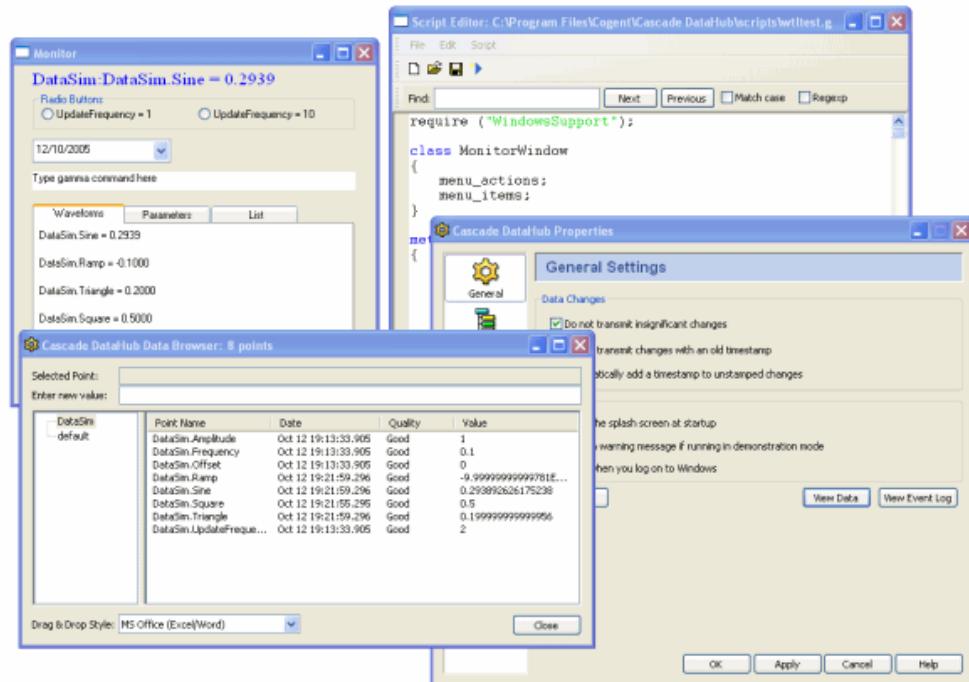
The Cascade DataHub with built-in ODBC scripting solves those issues. It can pick up data from any machine on

the factory floor using OPC or DDE, and feed it directly into an ODBC database as fast as the database can handle it. This same data can also be used to generate live reports and custom dashboards, or be fed into other applications.



"What we are looking at here," said Mr. Thomas, "is a freer flow of information. Our customers know from their own experience that they move their business forward most quickly when they have the best, the most up-to-date information."

The Cascade DataHub lets users share real-time data among any number of applications using standard protocols and an easy-to-implement, scalable technology. With ODBC connectivity, the Cascade DataHub now brings that data into the heart of the enterprise.





InstallAware First (and Only) Installation Toolkit to Support .NET 2.0 Installations: One Click Deployment for Microsoft .NET Framework 2.0 Applications

 PackageAware for InstallAware

Welcome to PackageAware.
Use PackageAware to migrate a legacy setup into an installation powered by InstallAware technologies.

3. Click Here to Generate Setup Project

- o You have successfully completed pre and post system scans.
- o You may create a setup project now, encapsulating the delta of the two scans.

To re-scan for changes, click here.

- o Re-scan for changes if you forgot some setup steps.

To re-create your baseline scan, click here.

InstallAware Software Corporation has shipped a plug-in update pack for InstallAware, adding support for deploying Microsoft .NET Framework 2.0. Microsoft .NET Framework 2.0 was released less than a week ago, and InstallAware is the only installation toolkit at this time to provide support for installing the new version of the framework.

"InstallAware has taken the lead. We're the first to support the new breed of Microsoft technologies, including .NET Framework 2.0 and SQL Server 2005," says Sinan Karaca, President of InstallAware Software Corporation. "For over two years now, InstallAware has been offering the only viable alternative to InstallShield's line of installation development tools. With this latest update to InstallAware, made available in less than 24 business hours after the new Microsoft technologies were released to manufacturing, we are championing the next generation Windows Installer based setup development tool."



InstallAware dramatically simplifies deployment of applications and technologies based on Microsoft .NET Framework 2.0. InstallAware installs the framework, along with its pre-requisites, in a single pass - all as an integral part of the main application installation. Additionally, InstallAware reduces the size of the framework (and its required runtimes) up to 1/3rd the original size. "We first eliminate the redundant compression layers in the original files," says Agustin Berge, Director of Development at

PRODUCT NEWS

InstallAware Software Corporation. "We then process the resulting data through filters optimized for executable code, and finally pass them through our superior compression algorithm. The result is an installer that is three times smaller than what the competition delivers!"

InstallAware also supports deploying the .NET Framework 2.0, and other required runtimes such as Windows Installer 3.0, on the web separately from the main application. End-users still download a fully self-contained installer that runs without requiring an Internet connection – something traditional web deployment cannot do, but InstallAware's partial web deployment can. The partially web deployed runtimes (and optionally, rarely used application features) are downloaded on-the-fly only when needed.

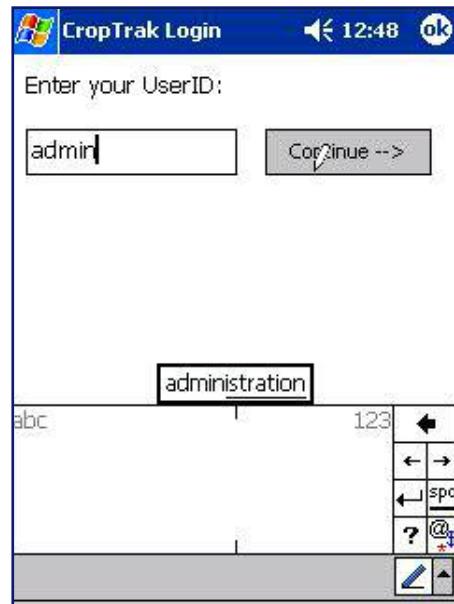
Thus, InstallAware not only streamlines the installation of .NET Framework 2.0 based applications, but it also reduces the actual size of the .NET Framework 2.0 package, and trims the fat off of the main setup file by stripping the optional runtimes from the main download.



InstallAware 2005 is available in Express and Studio editions, with prices starting at US\$199. A time limited trial and more information is available at <http://www.installaware.com/>. The plug-in update pack is available free of charge, for both trial and licensed users, at <http://www.installaware.com/forum/viewtopic.php?t=307>.

CropTrak™ Software adds Enhanced Support for Wireless Smart phones and GIS to Deliver Cost Savings and Productivity Gains

ScanControl, a global provider of data collection solutions that "put crop management in the palm of your hand," announced enhanced scalable support for smart phones, Wireless devices, GIS, and barcode technologies in CropTrak™ software, providing vineyards and diverse agricultural businesses with on-demand, cost saving crop sampling and field operation reporting.



CropTrak's new "Sync over Cellular" wireless synchronization eliminates delays in field data collection by connection through cellular networks to instantly enter and remotely synchronize field data. The benefit of on-demand reporting of crop status and field operations is automatically obtained through immediate updates to databases and spreadsheets, without the time, cost, and labor of returning to the office to manually enter new information.

Newly scalable connectivity to PDAs and Wireless devices, meets the needs of growing agricultural businesses and globally distributed opera-

tions. These new CropTrak enhancements enable one server to economically manage multiple crop sampling and field data processes from a variety of sites, as well as support scalable connection of hundreds of handheld devices used by field personnel. Barcode integration delivers the means to track equipment use, maintenance, and other field resources, or tie specific growing operations to a particular code or location.



Interactive Mapping through direct GIS integration solves the challenge of linking and correlating data to specific growing operations. CropTrak equips users with the ability to easily configure data collection and operations management for single or multiple crops, at one site or multiple growing locations. GPS integrated smart phones pinpoint and correlate data collection to particular locations, and then visualizations are presented in an internet-based digital map format. Trends in growth, crop quality and use of field and labor resources are immediately displayed providing the capability to identify quality assurance challenges, and measure operational performance. Ultimately, GIS based graphical visualization leads to faster, more informed decisions and actions by vineyard personnel, agribusiness managers and executives, resulting in improved product quality, and productivity.

"Many growers and agribusinesses are seeking improvements to enhance

PRODUCT NEWS

their bottom line. These newly announced enhancements effectively place CropTrak software as the value leader in crop data collection, and grant growers an efficient and economical solution for crop management." Said ScanControl CEO, Rob Wood. "Our clients gain an instant understanding of cost and quality variables, as well as rapid identification of market timing opportunities that were previously difficult to manage."

Users of CropTrak software have found that their operations are more responsive to business partners, such as distributors, vintners and other customers dependent on crop timing. This enhanced ability to manage market timing, control quality, and improve processes through faster information results in reduced waste and substantial decreases in operational costs. After implementing CropTrak, one grower reported cost savings greater than \$100,000, due to a 30% reduction in seasonal labor costs. In addition, most CropTrak™ installations deliver ROI within three to four months.

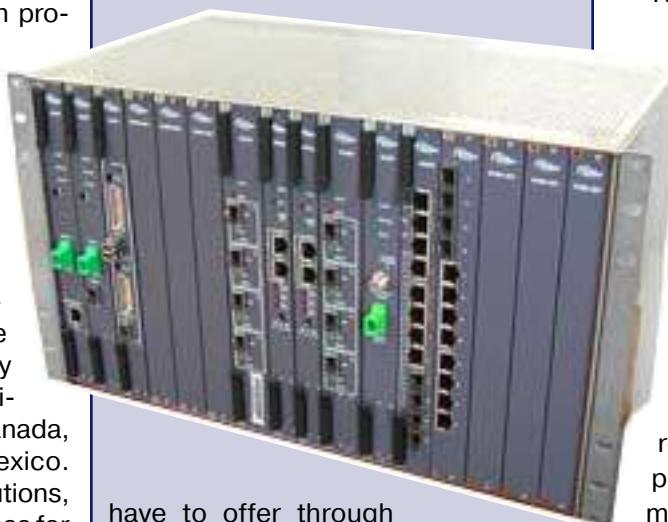
For additional information about this release, contact Rob Wood. A crop management system that provides in-field sampling of crop quality, by marrying handheld technology to server database reporting, CropTrak has established itself as the leader in providing value solutions to agriculture and other land management industries. Users of the CropTrak system, use PDAs in the field to collect crop data, such as sugar sampling for wine grapes, and then update information through synchronization. CropTrak with support for wireless devices and GIS is available internationally, and is currently deployed in vineyards, and agricultural businesses in the US, Canada, Portugal, Australia and Mexico. Centrally hosted Enterprise solutions, and customized integration services for GIS/GPS, barcode and OBDC-compliant applications are available by contacting ScanControl, Inc. Installations by clients with global operations have proven the worldwide accessibility and appeal of CropTrak™ software.

Nayna Networks Delivers New FTTP Features & Performance

Nayna Networks, Inc., a provider of next generation network solutions, is pleased to announce the E06 firmware upgrade set for Nayna's flagship ExpressSTREAM Fiber-To-The-Premise (FTTP) Optical Line Terminals (OLTs).



The rapid advancing pace of development for broadband access networks predictably leads to new product releases. In light of these recent rapid advances, Nayna is determined to demonstrate our appreciation for service providers who have deployed ExpressSTREAM solutions by delivering the most recent technology we



have to offer through firmware upgrades. Due in January 2006, E06 aims to put into service our recent technology developments and thereby strengthen our customer's competitive position.

Raptor Networks Technology, Inc. Announces RaptorWare (TM) Release 2.3.3 to Commence Shipping on 15 November

Raptor Networks Technology, Inc., today announced the completion of RaptorWare(TM) Release 2.3.3, which will significantly enrich the feature sets available on the entire family of Raptor Networks core switch products.



The feature improvements represented by this new software release make the Raptor value proposition to target markets all the more compelling. New capabilities in software include enhanced Quality of Service (class of service Queue mapping, color aware QoS) and differential services (enhanced QoS and COS mapping, L2 and L3/L4 ACL integration, and per-port egress rate limit-

ing), enhanced routing features (IP multi-netting, proxy ARP, and traceroute), enhanced switching (IGMPv3 snooping per VLAN, port mirroring (many-to-many and many-to-one, port security), static multicast streams, full IP multicast protocol suite and secure web management and full SNMP solution to name just a few. Additionally, Raptor's proprietary RAST interconnect capability will be improved in the conduct of dynamic traffic management.

Tom Wittenschlaeger



"The addition of these new feature sets to our already compelling price-performance proposition in distributed network switching is expected to open new market segments for Raptor products and services," noted Tom Wittenschlaeger, Chief Executive Officer of Raptor Networks. "In particular, the addition of IGMPv3 support makes Raptor Networks much more attractive in digital cable transport and emerging applications such as IPTV."



PayKiosks Introduces Low Cost Wi-Fi Internet Terminal

PayKiosks Internet Terminals has introduced the Caf? Pro, an inexpensive Internet terminal designed to be the perfect cost-effective solution for locations that do not need all the features of their fully loaded Internet Anywhere terminal.

The Caf? Pro is essentially a scaled down version of PayKiosks popular Internet Anywhere terminal. According to Scott McInnes, President of PayKiosks Internet Terminals, "Our mandate with the Caf? Pro was to produce a low cost, feature rich terminal without compromising quality. The results are outstanding."

The Caf? Pro will offer PayKiosks customers all of the same revenue generating features that are found on the Internet Anywhere but does away

with extras such as a touch screen, camera, and microphone. As well, a wireless hotspot, standard on the Internet Anywhere, will be optional on the Caf? Pro.

PayKiosks has traditionally focused on placing Internet terminals in large hotels, airports and resorts. The low cost of the Caf? Pro means that locations such as laundromats, cafes, and marinas would now be suitable for a terminal. "We get a lot requests from types of locations that might not be suitable for our fully loaded Internet Anywhere terminal. All of a sudden, with a cost-effective solution like

our Caf? Pro, these locations start to make sense to our owner operators", said Scott McInnes.

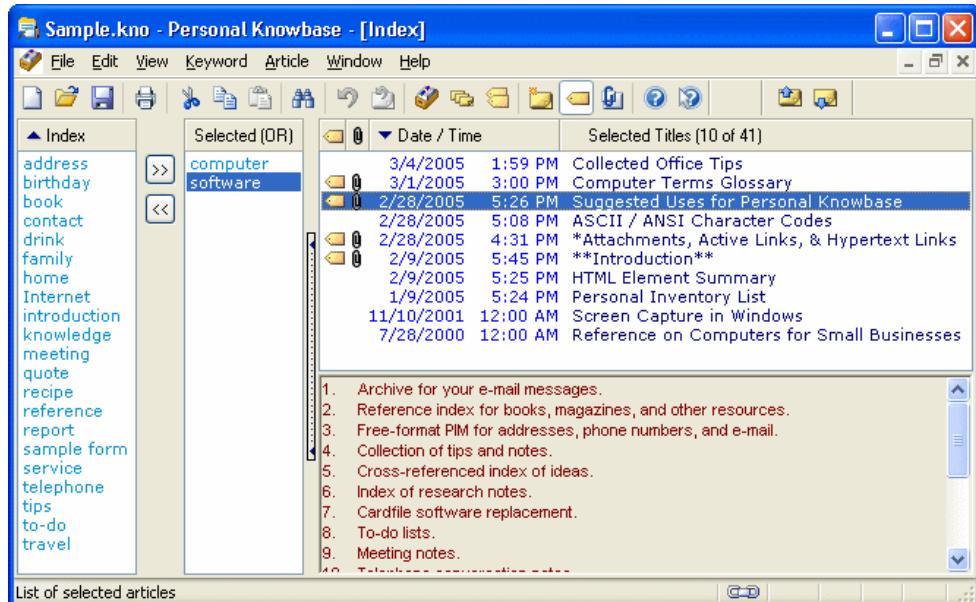
The low-cost terminal has been introduced at the request of PayKiosks owner operators as well as locations that want to offer Internet access to their patrons. PayKiosks views these terminals as a means to massively expand their footprint within the United States and has launched the Cafe Pro with aggressive introductory pricing in order to jump start the program. By significantly reducing the capital necessary for an Internet terminal owner operator to get started PayKiosks has not only made this business much more affordable but also opened up the possibility of many more types of locations. Scott McInnes believes that these terminals will be popping up everywhere. "For our owner operators it's all about the ROI and we're now at a price point where it makes sense to place a terminal in locations that wouldn't have previously been viable."

PayKiosks Internet Terminals is expanding through a unique distributorship program in which a local operator will place a Wi-Fi enabled Internet terminal in a location at no charge to the establishment.



For more information, visit
<http://www.paykiosks.net>

Personal Knowbase Note Database Software Handles Large Amounts of Information Easily



Bitsmith Software has released Personal Knowbase version 3.0, a Windows application for managing free-format information. Personal Knowbase is a note management system that makes it easy to control the large amounts of information that cross our desks – and our computers – every day.

Personal Knowbase's intuitive keyword-based system organizes notes in a natural way without a complex interface. Using keywords gives you more control over how you store and retrieve your notes. Because you can assign

any number of keywords to each note, your information is never forced into a single category as it is with tree-based systems.

Personal Knowbase is a serious note management database, beneficial to researchers and other users with lots of information to organize. Unlike tree-based systems, in which large numbers of notes become difficult to navigate as category trees become deeper and deeper, Personal Knowbase's system handles thousands, or even tens of thousands, of notes as easily as a few. By using key-

words to filter notes all at one level, you can retrieve related data together and keep important information at your fingertips. Combining keywords in queries using logical operators such as AND, OR, and NOT, you can precisely pinpoint the information that you need.

The new release has an updated look and adds many new features which were requested by users. Dragging any block of text from other Windows software directly into Personal Knowbase's main window now automatically creates a new note with that text.

Personal Knowbase 3.0 includes password protection for added security. Users can now feel safe in storing private information such as account passwords, financial information, diaries, and confidential notes. You can set a password for an entire data file or only for selected notes.

The new version also includes hypertext linking from note text. You can link any arbitrary text in a note to any target Internet address or a local disk file or folder, allowing for handy access to external resources. You can also create hypertext links to other Personal Knowbase notes, making it straightforward to cross-reference your stored materials.

Bitsmith
Software™

Personal Knowbase 3.0 costs \$39.95 for a single-user license and runs on Windows 98/Me/2000/XP. Volume discounts are available. A fully functional 30-day trial of Personal Knowbase is available at <http://www.bitsmithsoft.com>. For more information, contact Bitsmith Software, P.O. Box 84, Pinole, CA 94564-0084, USA. Phone: (510) 724-1821 E-mail: e-mail protected from spam bots Web: <http://www.bitsmithsoft.com>

Personal Knowbase
unique free-form notes management software

WysDM Introduces WysDM for Backups and WysDM for Fileservers: Delivering Data Protection Management for the Enterprise

WysDM Software, Inc., a leading provider of innovative Data Protection Management (DPM) solutions, today announced WysDM for Backups(TM) 3 and WysDM for Fileservers(TM) 3. These two advanced solutions are the newest members of WysDM's family of DPM software for the enterprise. WysDM's adaptive architecture and patent-pending Cross-Domain Correlation(TM), combined with advanced service level reporting and predictive analytics ensure the health and state of critical backup and recovery environments.



"Schedule-based backup applications have added additional complexity to the point that many enterprises have dangerously poor insight, or control over their backup infrastructure, let alone the recovery of that data," said Brad O'Neill, a senior analyst and consultant at the Taneja Group. "DPM solutions, when deployed with existing backup architectures, allows the IT manager to gain levels of visibility and command over their environment that just wasn't possible until now."

"Reporting is not enough," said WysDM CEO Alan Atkinson. "Our com-

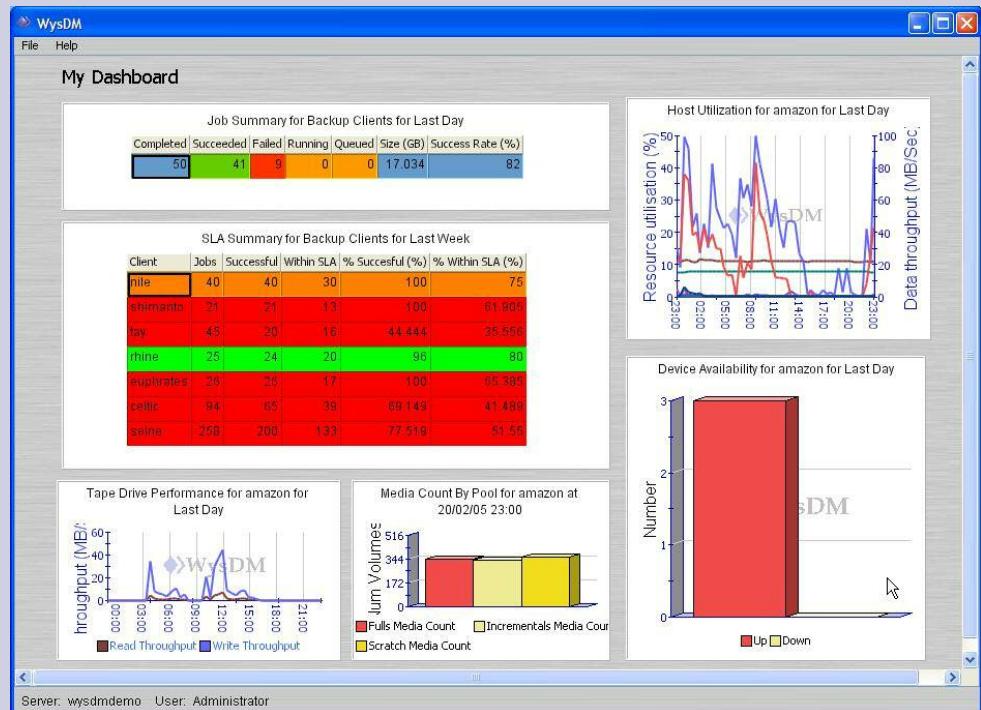
petitors offer outdated platforms that can only report if a backup was completed or not, but DPM goes much further than that, understanding business policies as well as additional technical constraints, to ensure that data is truly protected. WysDM moves far beyond reporting with its Predictive Analysis Engine, environment-wide Data Protection Management, and an architecture that adapts to any business requirement without customized programming. No other DPM product comes close to matching WysDM's capabilities."

TANEJA GROUP TECHNOLOGY ANALYSTS

WysDM for Backups 3 – Delivering DPM

Today's backup environments are large and complex, and support some of the highest data throughput demands of any enterprise system. WysDM for Backups provides the global view to understand even the largest and most complex of backup environments. WysDM's data protection intelligence platform obtains data from all major components of the network environment including servers, storage and applications and provides a comprehensive set of reports on all aspects of backup operations, from service level agreements to regulatory compliance to per-device performance.

WysDM enhances backup reliability by continually monitoring the environment for faulty configurations, inefficiencies and anomalies, and alerting to any of these conditions before they contribute to backup failure. WysDM's analytic monitoring enables capacity planning, optimizes the backup environment, and ensures compliance by utilizing policies for retention periods and backup schedules. WysDM can report on compliance and issues compliance risk alerts.



MTI Technology Integrates WysDM Data Protection Solution



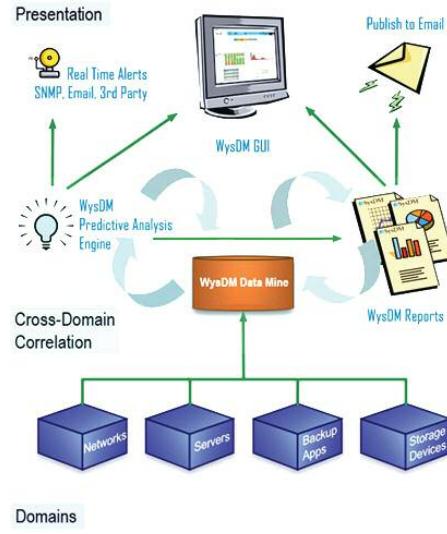
MTI Technology Corporation, a leading multi-national total storage solutions and services company, is now offering WysDM's Data Protection Management (DPM) software to its clients, addressing the growing demand for comprehensive reporting and predictive analytics surrounding backup, recovery and compliance. In addition, MTI has integrated WysDM's DPM solution into its unique MTI Insight professional service offering, further enhancing this fixed-scope service that enables clients to gain in-depth knowledge of their storage environment on an ongoing basis.



"We chose WysDM's DPM solution because its sophisticated reporting and predictive analysis features allow our customers to proactively protect their data and dramatically reduce compliance risks," said Lance Broell, director of marketing for MTI. "MTI's Professional Services group has a

great deal of expertise around backup and recovery, and we believe that this addition will allow us to offer a more complete infrastructure management solution to our customers."

As part of its MTI Insight, WysDM's DPM software combines detailed backup reporting with business rules, including service level agreements, internal and external regulatory requirements, and chargeback policies, enabling IT administrators to efficiently manage their backup environment and dramatically reduce exposure to risk. The WysDM data protection intelligence platform obtains data from all major components of the backup environment and provides a comprehensive view of all aspects of backup operations, from service level agreement (SLA) compliance to per-device performance. WysDM optimizes DPM process intelligence by



coupling data protection processes with cross-domain, predictive, and adaptive operations. This provides end-users with a holistic view of the entire data protection environment, offering the most comprehensive insight into past, present and future data protection reliability, performance and compliance.



Alan Atkinson

"MTI is a recognized leader in deploying comprehensive data storage and backup solutions across its multi-national customer base," said Alan Atkinson, president and CEO of WysDM. "Their deep domain expertise, top industry talent and quality of service make MTI an ideal partner as we expand our reach to deliver the most extensive data protection management solutions that provide real customer value by slashing backup management costs and ensuring compliance."



MTI also offers the WysDM's DPM solution outside of MTI Insight, as part of a standard backup assessment professional services engagement.

Grisoft Announces at Invex IT Fair the Launch of AVG Anti-Virus 7.1 of Its Award-Winning AVG Platform With Support for Windows XP 64-bit Edition

Grisoft, a world leader in personal protection software solutions announces at Invex IT Fair on Oct. 24, 2005, in Brno, Czech Republic, a new version of its industry leading AVG solution with the launch of AVG Anti-Virus 7.1. The new version of the company's hugely successful AVG Anti-Virus platform provides individual and business PC users with additional benefits and features such as support for Windows XP 64-bit Edition based PC systems with a simple-to-use integrated solution that protects them from the threats of computer viruses, worms, data thieves and computer hackers.



"In our efforts to fulfill the security needs of SMB customers and individual computer users, Grisoft is pleased to announce the launch of the next stage in the evolution of our award-winning AVG platform through the release of AVG Anti-Virus 7.1" commented Peter Lipa, President of Grisoft Inc. "Looking at the current and future needs of our customers, we have launched AVG 7.1 which has added support for the new Windows 64-bit operating systems, providing all consumers with a comprehensive product that protects them regardless of the operating platforms or systems they are using now or in the future."



AVG 7.1 Functionality and Benefits

The primary benefit of AVG 7.1 is that it has been designed to make it as simple as possible for the customer to use by providing enhanced protection from viruses and other forms of malicious code, while also improving the speed of scans and flexibility in defining the scanning criteria. With AVG 7.1, Grisoft continues to provide customers with a simple interface from which to manage their protection, as well as making some routine features like database updates seamless and less time consuming to the end user.

For more information, visit <http://www.grisoft.com/>.

FinePoint's Digital Pen Technology is In Play With New Convertible Notebooks

FinePoint Innovations, a newly acquired subsidiary of InPlay Technologies, Inc. (NASDAQ:NPLA) announced today that its new, digital pen technology has launched as the computing pen and digitizer for a major computer manufacturer's new product line of convertible notebooks.



FinePoint has received additional purchase orders of \$2.0 million, for a total of \$3.1 million to date. FinePoint's patented technology is the computing pen and digitizer for 3 models of convertible notebooks, aimed at the enterprise, small business and consumer markets with a suggested retail price as low as \$1099. FinePoint shipped approximately \$700,000 of the initial purchase order as of September 30, and expects to ship the majority of the current purchase orders before the end of the year.

FinePoint's digital computing pen technology consists of a digitizer and digital writing pen. The pen is an active RF digital pen versus the older analog pen technology used with previously launched tablet PC systems. The FinePoint configuration enables very low power consumption of the notebook battery, and superior performance by using a digital RF communication path.

PRODUCT NEWS

"Our digital technology means greater accuracy and true pen-on-paper look and feel," said Stephen Caldwell, president, FinePoint Innovations. "It was important that the human interface, the computing pen, match with the high performance, feature rich design of this product."



"This computer manufacturer has made a number of innovations in its established 20-year history and the next generation of convertible notebooks is no exception. We are excited that they included the technological advantages that our digital pen brings, both short term and for enhanced capability in future generations," Caldwell continued.

Convertible notebooks and tablet PCs expand on the functionality of traditional notebooks by employing user-friendly pen input devices in addition to a full keyboard. Pen computing allows users to take notes, draw diagrams and edit documents in electronic form. Standard forms can be filled out using these devices and can be easily electronically transferred as needed. Specific target markets include insurance, medical, real estate and education.

FinePoint designs, develops and commercializes innovative pen-input solutions for builders of tablet PCs, computer peripheral products, POS terminals and kiosks. Driving future innovation, FinePoint's digital technology is uniquely positioned to meet expanded functionality and performance needs.

Visit www.inplaytechnologies.com for more information.

Private Post(TM) Small Business Edition Enables Private Communication Channels Between Businesses and Customers

Identum, developer of the Private Post PRO email encryption software tool for consumers, is to release a Small Business Edition through retail outlets. It will offer 5, 10, 25 and 50 user licences. An Enterprise Edition will follow.

Private Post Small Business Edition is particularly easy to deploy: it is either installed centrally or, because it is so easy to install, can be implemented by individual users who can start using it immediately.



Karl Feilder, CEO of Identum, says the biggest advantage Private Post offers to business is the ability for them to establish private communication channels with their stakeholder communities, including customers, suppliers, investors and employees.



Karl Feilder

"At the moment every email you send can be easily intercepted as it travels across the Internet via public networks," said Feilder. "With Private Post you can rest assured that all your private communication is just that: private."

He urged companies to think about how much of their email contains sensitive data. "Private Post also encrypts attachments so if you're mailing a financial spreadsheet, for instance, you can keep it between you and the recipient," he said.

For enterprise-wide deployments, the Private Post configuration tool enables IT departments to maintain and enforce control over individual usage of Private Post. It can be configured to meet specific requirements to conform with internal policies for management and governance of email content.

Private Post is also a valuable tool in assisting companies to comply with data protection regulations. "Governments are encouraging companies to implement policies that prevent fraudulent access to information held in their care, particularly information about their customers," said Feilder.

"Today company directors can be held liable for putting sensitive information at risk. A host of laws and regulations exist to protect data, among them the Data Protection Act, the Regulation of Investigatory Powers Act, the Computer Misuse Act, and Basel II. By keeping confidential information confidential, Private Post helps enterprises comply with such laws and regulations."

Private Post was nominated for the best software award at RetailVision Fall 2005 in Dublin last week.

AGAMBS Announces the Release of AGAMBS Partitioner 1.1 for Oracle

AGAMBS announces the release of AGAMBS Partitioner 1.1 for Oracle.



AGAMBS has utilised the expertise of its consultants in performance tuning and high availability design of EMC Documentum solutions to produce AGAMBS Partitioner 1.1 for Oracle.

AGAMBS Partitioner 1.1 for Oracle, is a packaged script which improves performance of large EMC Documentum Repositories running on Oracle 9i.

Partitioning allows your growing Repository to scale to very large sizes with minimal degradation in performance.

Until now the usual way to achieve this involved loss of service while your system was rebuilt. This causes difficulties for Production environments, where downtime for maintenance is limited.

AGAMBS Partitioner 1.1 for Oracle keeps your system up & running, and fully accessible to users during the partitioning work which is safely executed using the latest fully supported Oracle redefinition packages.

The benefits of using AGAMBS Partitioner:

- Major performance improvement on large repositories
- Transparent to the Documentum Repository.
- No loss of service
- Fully tested and supported code
- Rollback code generated automatically
- Can be phased (i.e. one table at a time)
- Access to AGAMBS consultancy should this be required.
- A repeatable solution

- Built upon standard Oracle Packages

- Minimum to no downtime, sometimes required for presentation of disks to Oracle

Why does AGAMBS Partitioner allow your repository to scale and improve performance?

EMC Documentum is an application that is database intensive. AGAMBS Partitioner directly addresses the speed of access to the data stored in the database. In addition the performance of an EMC Documentum system is dependent on or can be affected by its architecture, capacity, customised code, customised data model, configuration, the size of repository and the networks capacity and latency.

AGAMBS Partitioner for Oracle addresses directly the impact of the size of the repository. It has a significant impact on the affects of the data model and configuration and pushes back the time when deficiencies in custom code, architecture and capacity need to be addressed. The network affects on performance are not addressed by Partitioner.



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With its vivid color screen and backlight, iPod Photo displays crisp, clear photos both indoors and outdoors, so users can take their digital photo collection wherever they go and easily share their memories with family and friends. iPod Photo creates an entirely new iPod experience in full color for viewing album artwork, calendars, contacts and games, adding even more excitement to iPod.



iRiver H320

Price: (40GB) is USD \$429.99
 Web Address: www.iriver.com

The sleek and compact iRiver H300 series plays MP3, WMA, WAV and OGG formats, stores up to 1,200 hours* of digital music and allows digital image viewing on a color display. Compared to leading competitors, the iRiver H300 has longer battery life (16 hours), a sharp color display, an FM tuner, built-in MP3 encoding and voice recording. The iRiver H300 also features a new intuitive navigation system and color interface that makes it effortless to find any song. The iRiver H300 allows recording, encoding and storing MP3s or uncompressed WAV files from a variety of sources.



iriver

Creative Zen Vision

Price: \$399.99
 Web Address: www.creative.com

the Zen Vision™ MP3 player with a 3.7-inch SharpPix™ high-resolution 640x480 262,144-color screen for photo viewing and digital video playback. Featuring a transreflective screen that provides excellent image and video quality even in bright sunlit conditions, the 30GB Zen Vision carries up to 15,000 songs, tens of thousands of photos, or up to 120 hours of video. Available in either pearl white or black, the Zen Vision measures 4.9 by 2.9 by .8 inches and weighs only 8.4 ounces. It is available today for pre-order at us.creative.com for only US\$399.99.

CREATIVE



Archos Gmini XS202

Price: \$249.95
 Web Address: www.archos.com

Music fans can fill their ARCHOS Gmini XS 202 with up to 10,000 songs from their own CD collections or tracks downloaded from the Internet. As a member of the Microsoft PlaysForSure program, tracks can be purchased from such online music stores as MSN Music, Napster, Musicmatch and Wal-Mart Downloads. The Gmini XS 202 will support the Microsoft PlaysForSure subscription services with a firmware update in the fall of this year. Microsoft PlaysForSure support also ensures easy integration with Windows Media Player 9 or 10, and the ability to play protected Windows Media Audio files.



ARCHOS™



Rio Carbon

Price: *Rio Carbon 5GB \$249*

Web Address: www.digitalnet-worksna.com

Sporting an ultra-thin and tapered design, and with 20 percent more memory than the iPod mini, this tiny MP3 player, about the size of a business card, will slide into any pocket virtually unnoticeable. The Rio Carbon is capable of holding up to 80 hours of MP3 (160 hours WMA) music⁵, and with up to 20 hours of battery life on a single charge, music lovers need not worry about running out of juice. Supporting USB 2.0 and a host of file formats; users can download music efficiently and easily from most of their favorite online music sites. The Rio Carbon also includes voice recording and provides seamless integration and support of both the PC and Mac platforms.



Rio



Dell Pocket DJ

Price: *The Pocket DJ starts at \$199*

Web Address: www.dell.com

Dell tuned into music enthusiasts who like more style with their music players. The company's two new DJs, enabled by Texas Instruments' Digital Audio processors, sport a sleek silver and black design and trimmer form factors. The [4.4-ounce⁶](#) Pocket DJ is smaller than a deck of cards but with enough storage for [2,500 songs⁷](#). Dell also updated the interface on the [20GB⁸](#) model for the music enthusiasts who want to load and easily play their entire music collection, or even books, on a digital music device.



DELL



MobiBlu DAH-1200

Price: \$109.99
Web Address: <http://www.mobiblumerica.com>

The DAH-1200 comes with a unique docking cradle that makes it easier to connect with a desktop PC and eliminates cable clutter, and comes in Pearlescent White (128 and 256 Megabyte) and Polished Black (512 Megabyte). The docking cradle also has Neon Blue lighting around cradle docking edge.



mobiBLU

SanDisk SANS A m200

Price: \$199.99
Web Address: www.sandisk.com

the SanDisk Sansa™ m200 series of MP3 music players that use embedded flash memory to store many hours of digital music. The new players support Microsoft® Windows Media® Player 10 and feature PlaysForSure support for portable music downloads and subscription services such as Rhapsody To Go®, Napster To Go™ and Yahoo! Music Unlimited. Music download and subscription services are an increasingly popular way for consumers to instantly and economically access millions of digital songs and either download and pay for each song individually or download an unlimited amount of music for a flat monthly subscription fee.

SanDisk The SanDisk logo consists of the brand name in a bold, red, sans-serif font, followed by a stylized lightning bolt graphic made of three diagonal lines.



Benq Joybee 130

Price: **\$149.95**
Web Address: www.benq.com

The Joybee 130 offers expandable memory up to one gigabyte (1GB) through a secure digital (SD) card, a tiny memory card used for portable storage. An SD card features a high data transfer rate and low battery consumption, both primary considerations for portable devices. It uses flash memory to provide non-volatile storage, which means that a power source is not required to retain stored data. The Joybee 130 can also be powered by one AAA battery, freeing the user from carrying a bulky charger.



Web Week MAGAZINE TOP 10 MP3 PLAYER 2005 AWARD

benQ

Walkman Bean™ MP3 Player

Price: **\$ 149.95**
Web Address: www.sonystyle.com

'Bean', so-named because of its unique shape, features a direct 'pop-up' USB jack, which can be inserted in to a PC to transfer music with complete convenience.

Walkman Bean features a bright 1-line OLED display making navigation through track listings simple, up to 50-hour playback from a Lithium-ion Rechargeable Battery and a super high-speed charge facility, which provides the user with 3 hours play from just a 3-minute charge.



Web Week MAGAZINE TOP 10 MP3 PLAYER 2005 AWARD

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.net	\$8.75	\$8.75	\$8.55	\$7.95
.org	\$8.75	\$8.75	\$8.55	\$7.95
SALE! .biz	\$4.95	\$5.95	\$5.95	\$5.95
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.name	\$9.75	\$9.75	\$9.75	\$9.75

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Product spotlight

Appro Accelerates Enterprise High-Performance Computing With XtremeServers



Appro, a leading provider of high-performance enterprise computing systems today introduced the APPRO 1U XtremeServer(TM) and the APPRO 3U XtremeServer(TM). Both are available with single-or dual-core AMD Opteron(TM) processors, each Xtreme Server accelerate server performance and throughput via integrated processor and memory optimization. The APPRO 1U XtremeServer allows up to 64GB of on-board memory while the APPRO 3U XtremeServer permits up to 128GB. These servers configured with Dual-Core AMD Opteron processors deliver performance equal to servers with up to double the number of CPUs. Appro

XtremeServers combine leading edge, innovative server technology with outstanding performance and reliability with unparalleled memory scalability for compute and memory intensive applications.

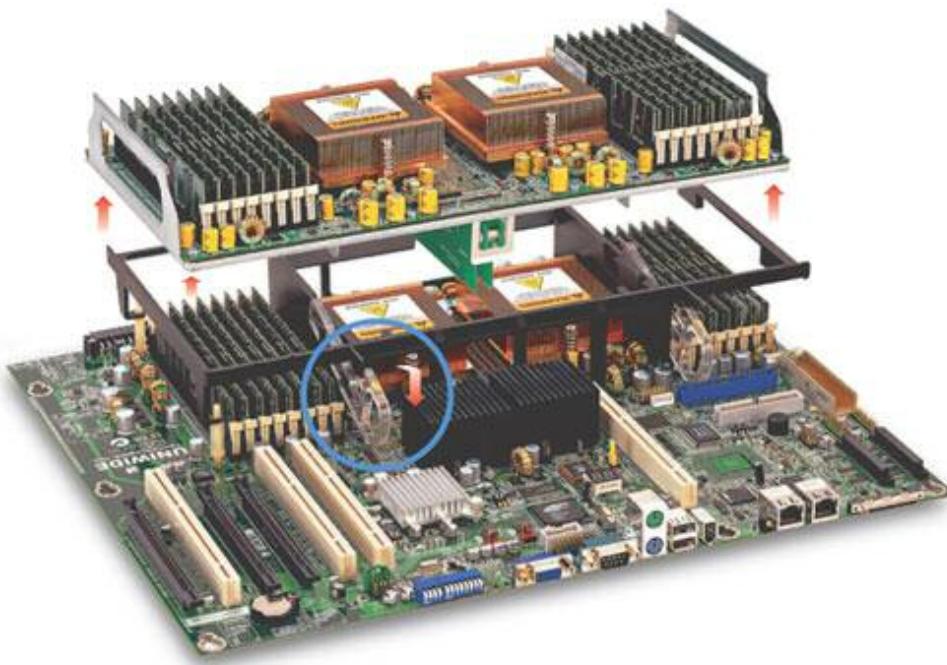
APPRO 1U XtremeServer

Designed with enterprise HPC in mind, the new APPRO 1U XtremeServer delivers superior performance through a flexible scalable design. The server features up to two Single- or Dual-Core AMD Opteron processors and eight DIMM sockets per CPU – providing up to 64GB of memory per server. In addition, the

APPRO 1U XtremeServer allows for up to 800GB SATA or 292GB SCSI hot-swappable drives, one PCI-X, and one PCI Express x16. The APPRO 1U XtremeServer is a perfect foundation for supercomputing clusters for customers who require a flexible density-optimized 1U server. Supported enterprise applications include Beowulf clusters, financial modeling, compute farms, digital rendering, seismic analysis, video streaming, web hosting, complex custom application development, or other applications requiring higher floating-point and memory bandwidth performance.

APPRO 3U XtremeServer

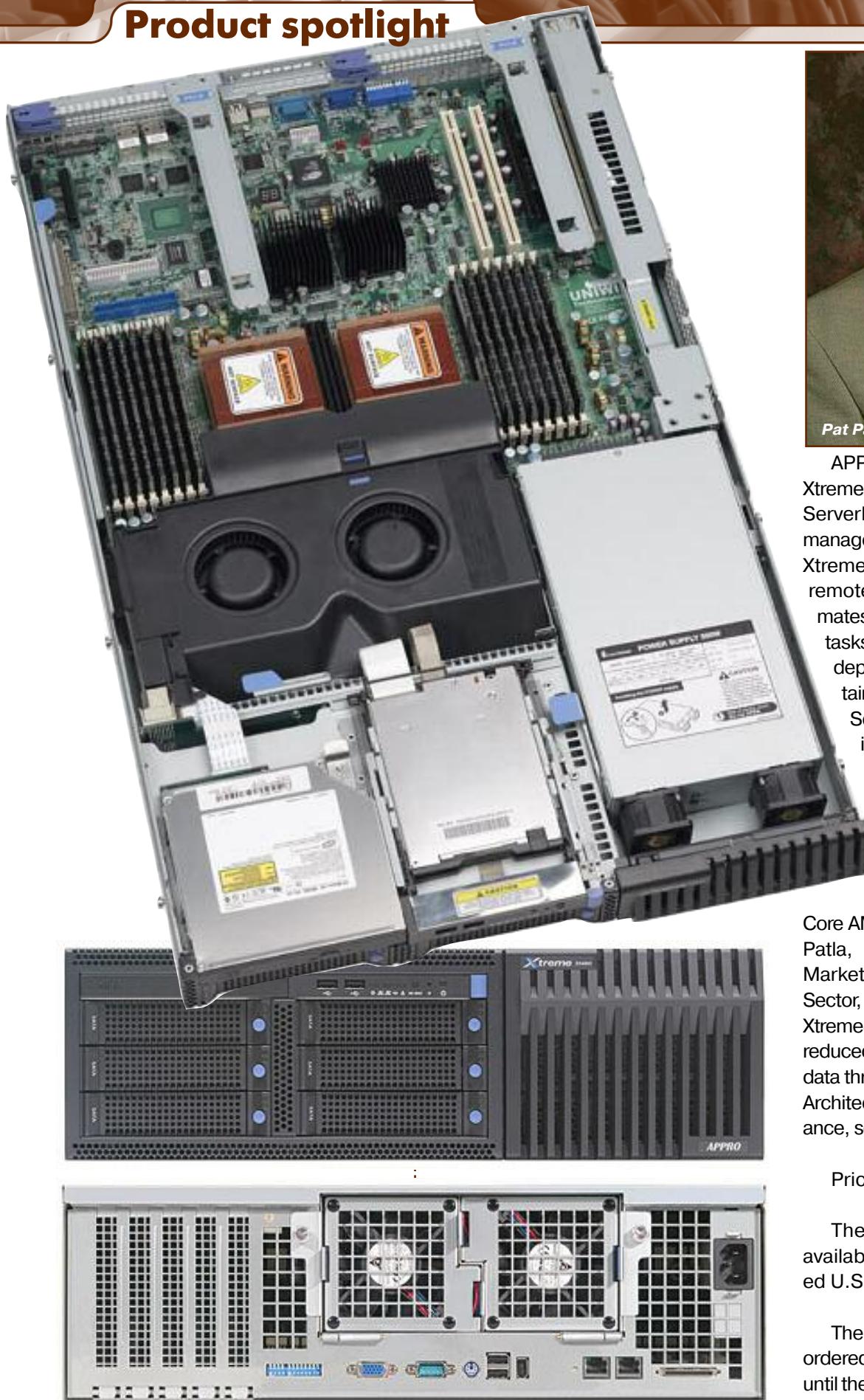
The APPRO 3U XtremeServer brings even more power, impressive memory scaling, and end-user flexibility. This server is ideal for large compute- intensive applications such as mechanical and engineering graphic simulation and rendering, computational fluid dynamics, scientific visualization, and digital content creation. The APPRO 3U XtremeServer features up to four Single- or Dual-Core AMD Opteron processors and eight DIMM sockets per CPU – providing up to 128GB of memory per server, up to 2.4TB SATA or 876GB SCSI hot-swappable drives, up to two PCI-X and two PCI Express x16, and redundant power supplies and fans. The APPRO 3U XtremeServer offers more flexibility, delivering best-in-class supercomputing performance and memory bandwidth.



"Appro continues to set itself apart by delivering superior server solutions that tackle our customer's ever-growing enterprise needs," said John Lee, Director of Product Marketing at APPRO. "XtremeServers were designed for customer's applications that require a lot of system memory. XtremeServers offer tremendous memory capacity providing excellent remote management capability, greater configuration flexibility at competitive prices.

Product spotlight

[Go to Contents](#)



APPRO ServerDome Provides XtremeServer Management The APPRO ServerDome provides remote server management for the APPRO 1U and 3U XtremeServers. APPRO ServerDome remote management software automates and simplifies IT and networking tasks, letting the system administrator deploy, configure, manage and maintain up to thousands of servers. The ServerDome Remote management is IPMI 2.0 compliant and works with either Windows or Linux.

"Appro's high-performance and enterprise customers benefit from the industry-leading performance per watt of Dual-Core AMD Opteron processors," said Pat Patla, director, Server/Workstation Marketing, Microprocessor Solutions Sector, AMD. "The new APPRO 1U and 3U XtremeServers take full advantage of the reduced memory latency and increased data throughput of AMD's Direct Connect Architecture - providing high performance, scalability and flexibility."

Pricing and Availability

The APPRO 1U XtremeServer is available today, starting at an estimated U.S. list price of \$2,610.00

The APPRO 3U XtremeServer can be ordered today but will not be available until the latter part of Q4/05, starting at an estimated U.S. list price of \$15,753.00.

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Product News



Thomson, senior product manager. "It is designed to maximize printer efficiency making hosting free and affordable print sharing available to all."

The USR5436 takes advantage of wireless compatibility with 54 Mbps performance. It is compatible with many USB printers, all 802.11b and g net works, and supports Windows 95/98/Me/NT/2000/XP, Macintosh (9.x or higher), and Linux operating systems. It is easily installed and managed through an easy-to-use HMI wizard or the Windows Administrative tool. Variable address options using DHCP Client and IP address assignment make the Wireless USB Print Server a hands-off printer sharing solution. Additionally, the USR5436 takes advantage of sophisticated security measures to ensure document privacy and network safety, including 64/128-bit WEP encryption, Wi-Fi Protected Access (WPA/PSK), and Open/Shared authentication support.

Available in August at major

Belkin G Plus MIMO Wireless Networking Line Delivers 1000 Feet of Range

Consumers searching for wider coverage can look to the first True MIMO™ products under \$100

(Compton, CA) August 1, 2005 - Belkin has introduced two routers and one wireless G line MIMO line, giving them wider wireless Internet coverage. Powered by Airgo Networks' True MIMO technology, Wireless G Plus MIMO is a smart radio technology that enhances the 802.11g wireless standard by providing multiple radios and antennas to transmit and receive wireless signals. It reaches a step further than other smart-antenna technologies by transmitting separate signals on each radio through multiple antennas. As a result, the Belkin G Plus MIMO products with True MIMO technology offer a robust wireless connection while providing a larger coverage area with the bandwidth and quality of service needed to run advanced applications, such as streaming video or VoIP over IP (VoIP).

Ideal for homes with multiple wireless-enabled computers, Wireless G Plus MIMO provides a wider coverage area for wireless access from the Internet, sharing photos, and gaming online. Its design helps combat distortion and interference, allowing the Belkin products to send data streams farther and more reliably.

The Belkin Wireless G Plus MIMO line includes:

- Router (F5D9230-4 - MSRP \$99.99)
- Notebook Card (F5D9010 - MSRP \$79.99)
- USB Adapter (F5D9050 - MSRP \$89.99) (Available December 2005)

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POWER NOTEBOOKS

we review five terrific new power notebooks

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Six Great Projectors To Make A Big Impression!

COMPUTER NEWS Product Reviews

Shared Storage Drive

Maxtor 300GB

The actual hard drive in the system has 16MB of buffer memory and a 7200 RPM spindle rate. It's a fast drive for that amount of storage when used in a computer.

Our take...

PROS: This is the point size for the type in this box and this is what it will look like when the information box is closed here and the option about the product is expressed.

CONS: This is the point size for the type in this box and this is what it will look.

Simple two line sentence that sums it all up on this unit

Overall *********

Contact: 1-800-555-5555
Web: www.myserverandnow.com
Retail Cost: \$495

tional storage devices, whichever you choose.

Installation was extremely fast by using the Quick

RPM spindle rate. It's a fast drive for that amount of storage when used in a computer. We did find that the more users there are on the network, the more multiple file transfers, the longer the process took. Our testing gave us an average 4MB/sec write and 6.5MB/sec read times. These times varied depending on the number and types of files we were using. And remember we were using a single user. Your results may differ.

Pricing the network hard drive on the internet has ranged a cost anywhere between \$302 and \$399, which roughly works out to a dollar per gigabyte. With all things considered, we feel that the Maxtor Shared Storage drive is an ideal storage device for home and small business uses.

So simple to setup and use, and a terrific value, this one gets our Editor's Choice Award.



COMPUTER NEWS MAGAZINE EDITOR'S CHOICE AWARD 2005

20 www.computernewsmagazine.com

Every month it has all the very latest news, reviews, features and trends for everything PC. You'll keep up to date and find the solution you need for the products you are seeking. They are all right here for you in reviews and articles written in easy-to-read, plain English. You don't need to be a techie to understand our reviews, they are end-user, out-of-box just for you!

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Regulatory Compliance Takes the Lead as the Most Important Driver of Information Security, Surpassing Worms and Viruses

Compliance with regulations has taken the lead as the primary driver of information security, for the first time surpassing worms and viruses, according to a survey released today by leading professional services provider Ernst & Young.

The sheer number of regulations and the consequences of not complying with them has escalated information security to the boardroom. Nearly two-thirds of survey respondents – representing 1,300 global companies, government and non-profit agencies in 55 nations – cited compliance with regulations such as Sarbanes-Oxley, the EU's 8th Directive or their equivalent as the primary driver of information security.

However, organizations are missing the rare investment opportunities that compliance offers to promote information security as an integral part of their business. "Compliance is proving to be more of a distraction than a catalyst for information security becoming strategically aligned within organizations," Edwin Bennett, Global Director of Ernst & Young's Technology and Security Risk Services, said. "One might assume that with the attention information security is receiving due to regulatory compliance, organizations' information security postures are improving and information security as a function is becoming more integral to their strategic initiatives. Unfortunately, this is not happening on a consistent basis. The gap continues to widen between the growing risks brought on by rapid changes in the global business environment and what information security is doing to address those risks. This pattern is consistent across organizations, regardless of size or location."

Business demands pushing the adoption of emerging technologies

The Ernst & Young survey found that business demands and the declining cost of wireless connectivity are driving the rapid widespread adoption of mobile technology. But with these devices leaving the safety of the corporate

control environment, the information assets and intellectual property they carry are increasingly becoming the responsibility of individuals to protect – a responsibility that many organizations have not yet fully accepted nor anticipated. "Less than half of organizations make provision for general users of information to be trained or made aware of the impact of information security issues with these technologies, and fewer still receive training on responding to security incidents," Bennett noted.



Other rapidly developing technologies such as voice-over IP telephony, open source, and server virtualization, which hold the potential of increasing organizations' competitive advantage are reported to be a significant security concern among fewer than 20% of organizations, despite the serious threats they bring with them. Organizations consider emerging technologies in general to be a growing security concern in the next 12 months. However, over a quarter of them have no plans to take action to address the concern during that time period or beyond.

Third party risk remains an issue

Outsourcing remains an information security threat as many organizations are

still not paying adequate attention to vendor risk management – the process of assessing and mitigating risks, including due diligence and regular reviews of practices and procedures supporting vendors' products and services. The survey reveals that one-fifth of respondents do not address the issue of vendor risk management at all, and one-third report they have only informal procedures in place to do so.



ERNST & YOUNG

"It is no longer enough for organizations to consider just their own information security issues and threats," Bennett said. "As the world becomes increasingly smaller, and with more and more information flowing between companies, all organizations need to consider the security of their business partners, outsourcing arrangements, suppliers and customers. Otherwise, the value created by these arrangements can quickly diminish or disappear due to perceived or real security, privacy, or identity breaches. Organizations should also consider demonstrating their own commitment to good information security by applying recognized standards or becoming certified."

Organizational alignment and execution

Although awareness about information security has risen as a critical issue among boards and executive management, they continue to focus information security activities on operational and tactical issues at the expense of addressing strategic concerns.

"With proper organizational alignment and execution, information security can make significant contributions to the organization's strategic initiatives and overall risk management," Bennett noted. "Organizations which employ information security in this way continuously involve business, IT, and information security leaders in identifying specific areas where information security can contribute to strategic initiatives, such as mergers and acquisitions and outsourcing of business operations. They apply recognized information security standards, leading practices and the appropriate resources."



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Tech news

Motorola and Trendsmedia Survey Reveals Predictions for Breakthrough WiMAX Applications and Keys to Adoption

WiMAX World 2005 – As interest continues to build for WiMAX, industry participants report that interoperability and last-mile data connectivity will be leading factors in accelerating the technology's widespread adoption. In a survey conducted by Motorola, Inc. and Trendsmedia, 45 percent of respondents predict that the ability to achieve seamless mobility through interoperability among various devices and networks will be the "tipping point" to WiMAX success. Motorola and Trendsmedia conducted the survey with attendees from WiMAX World, the largest-ever gathering of service providers, equipment manufacturers, operators and software makers meeting to further the understanding and advancement of WiMAX, the wireless broadband technology standard 802.16.

The survey also revealed that more than half of the respondents – 57 percent – believe that the principle reason a service provider would wait for 802.16e instead of deploying 802.16d or proprietary solutions is the technology's ability to support mobility as well as fixed or nomadic services.

According to the research and analyst firm Maravedis, WiMAX is one of the fastest growing emerging sectors within the world's telecommunications industry, with the global market for fixed and mobile broadband solutions estimated at up to US\$1 billion in 2007 and US\$4 billion by 2010.

To prepare for this growth potential, Motorola has deployed several

strategic initiatives. In addition to already being the second largest fixed wireless broadband equipment provider through its Canopy(TM) product line, earlier this year Motorola announced its focus on 802.16e with its MOTOwi4(TM) product line of fixed and mobile broadband solutions. This week the company announced both that it will team with Intel Corporation to advance the use of mobile WiMAX technology, based on the proposed IEEE 802.16e standard for both fixed and wireless broadband applications, and that the companies have committed to work together to ensure that network and device interoperability issues are addressed adequately.



MOTOROLA

"Service providers, component vendors and system manufacturers face several issues in bringing the promise of WiMAX technology – and seamless mobility – to businesses and consumers around the world," said Dan Coombes, senior vice president, Wireless Broadband Networks, and chief technology officer, Motorola Networks. "These survey results provide a view into the opinions of early adopters and others interested in WiMAX technology, and appear to support Motorola's drive to deliver 802.16e solutions that offer improved quality of service as well as fixed and

mobile wireless broadband."

More than 50 percent of survey respondents believe that the most attractive or breakthrough application that will drive this use of WiMAX will be last-mile data connectivity. Although it will be used to quickly bring Internet access to communities that are not yet served, WiMAX also will augment or replace existing cellular and wireline assets. Although some confusion exists on the role the technology will play within existing infrastructures, 63 percent anticipate that WiMAX will serve as a complementary technology to networks such as 3G and Wi-Fi.

The survey was conducted online with registered show attendees and included 424 respondents. Thirty-three percent of the participants were service providers, 19 percent component vendors, 18 percent system manufacturers, and 30 percent fell under other organization descriptions.



wiMAX

At WiMAX World 2005, Booth #103, Motorola is demonstrating the capability of its IMS solution to deliver Voice over IP (VoIP), end-to-end converged services and applications across today's broadband networks and emerging WiMAX access environments. Motorola, using its IMS core and market leading MOTOwi4 Canopy(TM) solution, will demonstrate IP-based voice, video, conferencing services, unified messaging, ringback tones, and other SIP-based applications on multiple devices including Motorola's Ojo(TM) Personal Video Phone. In addition, visitors can learn about Motorola's Mesh Networks technology and the role it will play in a WiMAX environment.

For more information:
<http://www.motorola.com/>.

Chunghwa Telecom Reports Operating Results for the First Nine Months and the Third Quarter of 2005



Chunghwa Telecom Co., Ltd. , today announced its unaudited operating results for the third quarter of 2005. All figures were prepared in accordance with US GAAP.



Net income figures listed below will be affected by the employee stock purchase plan that was granted as a part of the Company's privatization in August. According to US GAAP, the discount provided to employees for the shares to which they subscribed is considered compensation, and as such, needs to be accounted for as operating cost and expense over the lock-up period. Because the stock purchase plan was so well-received, the Company incurred a NT\$1.7 billion expense in the third quarter. The total amount does not affect the Company's cash position. Additionally, the dividend payout will be based on ROC GAAP financials, so it will be unaffected by the US accounting treatment of the employee stock purchases.

Summary

Total revenue for the first nine months of 2005 was NT\$138.4bn, which was flat compared to the

same period last year. Of this, 36.4% was from fixed-line services, 39.5% from wireless services and 22.4% from Internet and data services. The remainder was from other services. Revenue from the Company's mobile, and Internet and data services grew by 3.7% and 5.6%, respectively. Revenue for international long distance declined 4.8%, mainly due to competition. Domestic long distance revenue declined 7.8%, mainly because of mobile substitution and a decrease in transit revenue. Local call revenue

declined 7.1% YoY, again, mainly due to mobile substitution and a migration of subscribers to broadband from dial-up Internet access services.

Total revenue for the third quarter of 2005 was NT\$47.8bn, a 3.5% QoQ increase. Of this, 35.5% was from fixed-line services, 39.9% was from wireless services and 22.4% was from Internet and data services. The remainder was from other services.

Total operating costs and expenses for first nine months 2005 increased by 4.1% YoY, mainly because of the employee stock purchase plan that was mentioned at the top of this earnings release, and handset subsidies.

Total operating costs and expenses for the third quarter of 2005 were NT\$33.6bn, a 5.7% QoQ increase. This was mainly due again to the employee stock purchase plan.

The Company also disclosed its ROC financial results, based on which the dividend will be paid. For the first nine months of 2005, total revenue on ROC GAAP was NT\$136.9bn, total operating costs and expenses were NT\$90.5bn and net income was NT\$38.2bn, translating to earnings per share of NT\$3.96, a 2.8% decrease YoY.



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Inclarity Delivers IP Functionality for PBX Telephony Systems

Inclarity has announced improvements to its broadband telephony service that enable customers with private branch exchange (PBX) telephony systems to access the same level of functionality as those using full IP telephony services. The enhancements have been provided through a significant investment by Inclarity in its IP network, which now uses routers from OneAccess to offer the new services to customers with PBXs.

The new services now offered by Inclarity allow customers that want to retain PBX systems to extend their lifetime and usefulness through VoIP fea-

tures including: a single centralised telephone system for all premises with minimal configuration; seamless connection of home and remote workers; a flexible receptionist console; self-care management tools and automatic configuration.



Inclarity selected OneAccess' ONE 200 routers after extensive testing of carrier class products that would deliver the required quality of service and performance. OneAccess is rapidly

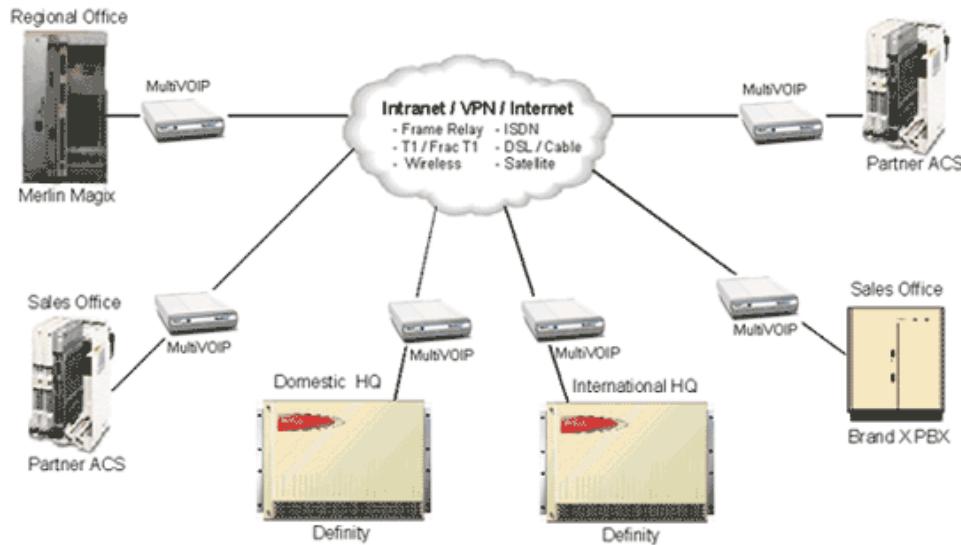
building market share in the UK VoIP market. Deployed at customers' premises, the ONE 200 is installed alongside the existing PBX system to provide IP-level functionality.



"These sophisticated new services answer the call from customers large and small that want to retain their existing PBX infrastructure but gain the sorts of features that full VoIP users experience," said Ahal Besorai, chief executive officer of Inclarity. "Inclarity's Broadband Telephony solutions now offer unrivalled flexibility and cover every step whether organisations are migrating progressively or immediately to IP telephony."



"OneAccess is experiencing enormous demand for more flexible and powerful VoIP solutions from all over Europe. Inclarity's decision to use ONE 200 routers to enhance its broadband telephony service means UK customers can now access a completely new grade of broadband telephony service, filling a gap in the market," said Bertrand Meis, chief executive officer of OneAccess.



SEARCH INSIDE!

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MCI's Private IP Service Now Delivers Even More Reach, Access Choices and Features

MCI, Inc. today announced service area expansions and enhancements to its Multi-Protocol Label Switching (MPLS) private network-based Virtual Private Network (VPN) service. These enhancements to MCI's flagship service, MCI Private IP, will help customers meet growing requirements for secure, reliable and flexible connectivity.



Virtual Private Network Consortium

Private IP is now available directly from MCI in Kuwait, South Africa, and Turkey and through additional partner agreements in Brazil, China, India and Mexico. Additionally, the service now features Ethernet Access in Belgium, France, Germany, Italy, Netherlands, Sweden, Switzerland, and the UK; and adds access via MCI's IP network across Europe, as well as new application awareness features and WAN analysis reporting.



One company benefiting from these enhancements is StorageTek, the leading provider globally of enterprise information lifecycle management solutions. MCI provided a fully-managed Private IP MPLS-based solution across Europe as part of a global migration from Frame Relay. "MCI's solution offered a fully resilient service with the ability to upgrade or change bandwidth easily and with minimal disruption. It also enables us to leverage future Voice over IP (VoIP) capabilities

and provides StorageTek with the ability to communicate efficiently within the 'any-to-any' global network cloud," said Kieron McGarry, IT Director, StorageTek.

Ethernet Access into the MCI MPLS network gives customers additional access flexibility and the adaptability to undertake easier upgrades and downgrades. The availability of MCI's Private IP Network Gateway across Europe enables customers to connect to MCI's Private IP network using public IP access via dedicated access or DSL. Private IP Network Gateway leverages MCI's points of presence in more than 2800 cities globally, providing an entry level solution for remote customer sites.



"MCI is committed to developing products and services that will enable customers to gain real competitive advantage from the next generation of communications technologies," explains Roberta Mackintosh, Senior Director, Products, Pricing and

Analysis for MCI Europe. "These enhancements address the growing demand to extend reach and offer scalable solutions and features that enhance the applications' awareness of the network."

Business applications put ever-growing requirements upon their WANs. To support this, MCI is adding two new features that enhance the application awareness of the Private IP Network.

A new VRF Lite (VPN Routing & Forwarding) feature allows for multiple VPN routing and forwarding features on a single edge router enabling customers to cost effectively segment their network, making provisioning and network management easier compared to a multiple customer edge router solution. MCI is also introducing a managed voice interface card for customers who want to move to a converged network at their own pace. Alternatively, MCI Advantage is available for customers that are ready to expand to a fully converged environment for both internal and external calls supported by voice specific SLAs and additional IP features.



Finally, MCI has begun offering WAN Analysis Reporting powered by Concord, providing customers with enhanced visibility into system efficiency and critical resource availability, as well as the ability to quickly identify network degrading conditions and proactively plan for network capacity. This capability is offered via a web tool which requires no additional CPE at the customer's premises.



For more information, go to <http://www.mci.com/>.

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