TechTalk

GALAXY

Lenovo Steps on the Acquisition Accelerator - x86 from IBM, Motorola Mobility from Google

Lenovo and IBM have entered into a definitive agreement in which Lenovo plans to acquire IBM's x86 server business. This includes System x, BladeCenter and Flex System blade servers and switches, x86-based Flex integrated systems, NeXtScale and iDataPlex servers and associated software, blade networking and maintenance operations. The purchase price is approximately US$2.3 billion, "This acquisition demonstrates our willingness to invest in businesses that can help fuel profitable growth and extend our PC Plus strategy," said Yang Yuanqing, chairman and CEO, Lenovo. "With the right strategy, great execution, continued innovation and a clear commitment to the x86 industry, we are confident that we can grow this business successfully for the long-term, just as we have done with our worldwide PC business."

On January 29th, Google stunned the smartphone industry when it announced plans to sell Motorola Mobility to Lenovo — less than two years after completing its own buyout of the American handset maker. Lenovo is paying $2.91 billion in cash and stock for Motorola, and the Chinese manufacturer has high hopes; it expects to sell 100 million smartphones within a year of finalizing the acquisition. If successful, the purchase will give Lenovo an immediate stake in the US smartphone market.

VMWare Buys AirWatch Expanding Mobile Reach

VMWare purchased AirWatch in a move that will expand the company's mobile reach. The deal was valued at $1.54 billion and is designed to give the virtualization company an increased presence in the mobile marketplace. AirWatch is a mobile device management company, and so while on the surface it may seem to be an odd purchase for a virtualization firm like VMWare, it does give them an access point to the mobile market. Another attractive aspect of AirWatch for VMWare is the security component. The technology and access provided by AirWatch will allow VMWare to provide security services to mobile devices under their management. This purchase by VMWare is likely to be well received by investors.

SAP rolls out personalized mobile retail app

SAP AG announced the launch of SAP Shopper Experience, a personalized retail mobile app that the company said transforms the entire consumer shopping experience with social media sharing, loyalty programs and a self-payment system for shoppers. Retailers can now offer consumers the ability to create collaborative shopping lists, redeem unique offers specific to a particular store and manage loyalty accounts. SAP also released the latest version of its SAP Retail Store Ops Associate mobile app, which allows store associates to execute core merchandising, inventory and customer service functions directly from the shop floor without leaving a consumer's side.

Intel Announces RealSense 3D Camera

At Consumer Electronics Show, Intel announced the RealSense technology to bring immersive, human interaction to devices. First products in the family include Intel RealSense 3D camera, the world's first and smallest integrated 3D depth and 2D camera module, and next-generation Nuance* Dragon Assistant designed for Intel RealSense technology. Both these will be shipping in various OEM devices from second half of 2014. This camera features a best-in-class depth sensor and a full 1080p color camera. It has the ability to detect finger level movements enabling highly accurate gesture recognition, facial features for understanding movement and emotions. It can understand foregrounds and backgrounds to allow control, enhance interactive augmented reality.

The Future is Now

GALAXY

The cop of the future

Will crooks have a chance against smart bullets, crowd-stun cannons and eyes everywhere ?

Criminals may not have a chance in 2025, when the cop of the future will be an imposing crime-fighting machine, able to see around corners in urban environments, identify suspects at a glance, safely pursue stolen cars and effortlessly bring unruly crowds under control. Police departments around the country are already testing technologies like Google Glass, lapel cameras and tracking devices that allow safer pursuit of fleeing suspects. But this is merely a glimpse of what's to come, according to experts contacted by FoxNews.com. They said increasing reliance on data mining, predictive analysis and all manner of gadgets will make getting away with crime harder than ever. One of the key aspects of the "digital revolution" already under way in the form of ongoing trials at

police departments in Los Angeles, London and Byron, Ga., is the use of body cameras. These lightweight devices offer increased accountability for officers and departments alike, providing real-time video evidence of interactions with the public. In the future, technologies like lapel cameras and Google Glass may allow officers and emergency responders to access live information feeds as they engage or pursue suspects on city streets or inside buildings. Looking forward, some shiny new gadgets could further propel those rates downward in the nation's capital and elsewhere. Crime-fighting tools tailored for crowd control, conflict management and improved safety for officers and citizens alike are now making waves among lawmen, including so-called GPS bullets and the Acoustic Warning Signal Projector, or A-WASP, which emits a "highly directional" beam of intense sound to stun a suspect in a less-lethal fashion than conventional methods. GPS bullets, meanwhile, allow officers to shoot tracking devices onto other vehicles to be monitored remotely and are already reportedly in use in four states. Civil liberties advocates say the technology should not present major problems if used the way they're intended, although usage of the technology should always require a warrant if used outside the "heat of a chase," according to Jay Stanley, a senior policy analyst at the American Civil Liberties Union. "For many technologies, the devil's in the details," Jackson told FoxNews.com. " ... There will absolutely be incremental changes, but my guess is that cops in 10 years will look quite similar to the way they do now, but what's most interesting is what the differences will be."

Supercomputer Takes 40 Minutes To Create Super-Detailed Model Of 1 Second Of Brain Activity

Futurists have long talked about the day when computers become as powerful and versatile as the human brain. A recent simulation shows that day is not exactly imminent. In one of the most accurate simulations of the human brain to date, a Japanese supercomputer modeled one second of one percent of human brain activity, a **task that took 40 minutes**, according to The Telegraph. The simulation was carried out by Japan's K computer, the world's **fourth most powerful** supercomputer, and replicated a network consisting of 1.73 billion neurons. There have been larger simulations before, although they took longer. IBM's SyNAPSE, for example, modeled 530 billion neurons in late 2012, as *Popular Science* pointed out in April of last year. That's more than the total number of neurons in a human's brain, which is about 86 billion neurons on average. That project took several hours.

The project allowed researchers to gather "invaluable knowledge that will guide the construction of new simulation software," The Telegraph reported. But it didn't really uncover anything new about the brain--the task was actually meant to " test the limits of simulation technology and the capabilities of the K computer."

Some have suggested that exascale computers, which could carry out one quintillion "floating point" operations per second (a common

way of measuring computing speed),would have the same processing power as the human brain. No such computer exists, but Intel has said that it aims to create such a computer by 2018. But other scientists don't think this will be possible before 2020 at the earliest.

Technology Focus

GALAXY

5 Big Tech Bets For Indian Banking

Until a few years ago, it was a common sight in India to see the bank customers stand in a queue either with a withdrawal slip in their hand or to get their passbook updated. The last 2-3 years has seen the banks coming up with the 'anywhere banking' concept that offers banking service at your doorsteps. The coming years will be even more decisive for the Indian banks that will embrace technologies from mobility, apps and social to cloud and big data to optimize operations and refresh their business models to make it more customer-centric, says a new study by IT services major Infosys.

Mobile: A game changer : Analysts believe mobile can be a game changer for the banking industry in the coming years. **"**If one has to enable financial inclusion in India, it has to be done through the mobile and not by opening more branches. It is cheaper for everyone, for regulators, customers and of course, banks. The question that strategy teams in banks should be asking is, do we have a better chance of growth, inclusive growth by distributing a million mobile phones than we would by starting 10,000 branches," said Brett King, the world's most renowned banking guru

Betting on Big Data : The Infosys study also observes that data use in the coming days will be more analytical in nature. "Instead of the hype-tech of big data, the focus will be more on the business outcomes it can deliver," said Maiya. He believes that the core banking data will now be effectively used to provide banking solutions to better understand and serve the customer.

Social media boom : Banks were earlier not much upbeat on social media. However, in the past one year or so, they are using social media such as Facebook, Twitter and YouTube to connect with the consumers, while at the same time, making them aware of their promotional offers and other activities. Infosys believes in the next one year, Indian banks will use social media platform for more inclusive purposes rather than having a Facebook page or a Twitter handle sending out press releases. The study forecasts a possibility of financial transactions through social platforms. In other words, it says that banks may soon start using social media for loan recovery and to get a better credit rating overall.

Banking on Cloud : Cloud is no longer an option for banking institutions today as in the very near future banks, big or mid-sized, will have to adopt the technology, whether for core-banking purposes or for allied services, says the Infosys study. According to Arindam Mukherjee, Vice-President - Sales (BFSI), Cisco India and SAARC, there will be three 'waves' of cloud adoption by Indian banks. Firstly more banks will move their non-core operations to the cloud which is already happening. In the second phase, banks will be more willing to incorporate single-tenant cloud solutions into their core banking activities and finally, Cloud-enabled digital wallets carrying a range of different services on smartphones is another high-potential area, although this will require agreements with various telcos over customer ownership.

Wearable tech, a reality : This will be one emerging area to look at. Although it will take a while for wearables to make a mark in the Indian banking system, Infosys researchers believe its foundations has been laid in the last one year with the emergence of Google Glass. By 2017, researchers predict this technology to become a part of the Indian banking system as wearable banking may enable a customer to shop through the device without the physical 'touch'. *(Reported by CXO Today)*

Tech News

Lenovo's new ThinkPad 8 is the best Windows alternative to the iPad mini Retina

Lenovo launched the 8.3-inch ThinkPad 8 today with a focus on power. Alongside the slight increase to the tablet's display size, Lenovo has opted for a 1920 x 1080 resolution. That makes it the first 8-inch Windows 8.1 tablet with a higher resolution than the standard 1280 x 800 that most OEMs, including Lenovo, originally opted for. It doesn't come close to the iPad mini Retina display resolution, but the ThinkPad 8 still has great viewing angles and good color reproduction. The big difference with the ThinkPad 8 over Lenovo's previous effort is the addition of a micro HDMI port. You can connect a monitor to turn this mini tablet into a workstation, and a micro USB 3.0 port also helps for hooking up additional accessories, or even monitors, through optional docks.

Intel Officially Announces Dual OS Support, Many Devices Running Both Windows And Android Coming In 2014

At Consumer Electronics Show, Intel officially confirmed their Dual OS project where they will officially support both Windows and Android on a same device. Intel's CEO Krzanich stated that Intel is the first microprocessor company to support devices that combine the best of Windows* and Android* operating systems in a single device. Also Intel is working to make the experience of switching between OS as a seamless one. With the push of a button, users will be able to switch to the other OS in few seconds. Asus even announced a new device called Transformer Duet that will have this functionality of running both the OS on the same device. Intel is expecting many such Dual OS devices throughout 2014 from various OEMs.

Information Stealing Virus Detected In Online Banking Space

Cyber security sleuths have detected a "black" private information stealing virus in the Indian online banking transactions space. The "severely" spreading virus of the Trojan family has been detected at the Point of Sale (POS) counters placed at retail terminals after the RBI made it mandatory in December last year for debit cards holders to punch in their PIN every time they make a purchase. The virus named "Dexter, black POS, memory dump and grabber" can acquire seven aliases when infecting a system and once it is successful in breaching the security protocols of a POS terminal, it steals confidential data like card holder's name, account number, expiration date, CVV code and other discretionary information which could lead to financially compromising and phishing attacks on the card at a later stage.

Special Focus

Newsletter Compiled by
Galaxy Office Automation Pvt. Ltd.
A-23/24, Ambika Towers , Ground Floor, Off Jijamata Road, Nr. Pump House, Andheri (E),Mumbai – 400093, India

Phone: 91-22-42187777
Fax: 91-22-421877760
E-mail: galaxyinfo@goapl.com

URL : www.goapl.com

GALAXY

"Listening to Business, Applying Technology"

VISION

"To become the most preferred technology solution partner by listening to our customers, anticipating their needs and providing reliability, flexibility, responsiveness and innovative products and services.
Achieving market leadership and operating excellence in every segment of our company."

MISSION

"Total customer satisfaction; through innovative insights, quality service and excellence in technology deployment."

VALUE PROPOSITION

"We understand the need of a common vendor for all your IT needs. Hence, we are committed to long-term partnerships by delivering on our commitments."

Endpoint Intelligence Solution Offers Increased Detection, UNIX/Linux Support, BYOD Management

Promisec, a leading provider of actionable endpoint management solutions, unveiled significant upgrades to its flagship product, Promisec Endpoint Manager, a fully automated enterprise-class agentless software solution that provides large organizations with full visibility and control of endpoints and servers. The new version, now provides increased automation and remediation across a wider range of endpoints, including UNIX/Linux and Windows 8. As technology becomes more advanced, the volume of endpoints and the variety of platforms that IT organizations need to not only manage, but keep up to date and secure, has grown dramatically. As a result, Promisec has expanded its capabilities to include the ability to inspect and provide intelligence on Unix/Linux systems, Mac and Android as it currently does for MS Windows systems. It also added the ability, through integration with Nmap Security Scanner, to detect the OS fingerprint of operating systems such as Microsoft, Unix/Linux systems, iOS, Android, VOIP, etc., and the solution will support Windows 8 and Server 2012.

Promisec also helps companies optimize existing investments, retire unproductive products, increase productivity, meet compliance requirements and more. It currently manages millions of endpoints across enterprises in myriad industries.

With this new release, Promisec Endpoint Manager now features:

Inventory Module: Organizes items that are recently introduced or changed in the network to provide IT managers' full visibility

Enhanced Compliance Intelligence: Detailed reporting capabilities that include PCI DSS reports, with plans to incorporate HIPAA, SOX and more standard industry functions

Automation Enhancements: To save time and money, automation enhancements allow IT managers to create commands and tasks.

BYOD Support: Through integrated fingerprint identification, organizations can now identify mobile devices that exist on their networks, allowing them to manage and enforce BYOD

About Galaxy

➢ One of the most respected Information Technology integrator of the best of breed products and solutions for Enterprise Computing, Storage, Networking, Security, Automation, Application Delivery, ERP and Business Intelligence.
➢ An ISO 9001:2008 organization , founded in 1987
➢ Committed team of over 200 skilled professionals
➢ PAN India presence
➢ Trusted IT services provider to more than a 1000 companies
➢ Experienced consultants certified on a wide spectrum of technologies
➢ The Galaxy Technology Innovation Centre, a state-of-the-art integrated hardware and software laboratory, allows customers a hands-on look at the latest storage, backup, security, application delivery and virtualization technologies.
➢ Customer list includes many of India's leading corporations, banks and government agencies
➢ Four business units collaborate to provide a full spectrum of services and ensure smooth projects. Together, they provide our customers with truly end to end professional IT Services.

Galaxy Business Solutions	Galaxy Technology Services
System integrators of best of breed technologies to deliver solutions to the problems and challenges that confront enterprises	Skilled pool of resources consistently maintains and delivers enterprise class service levels
Galaxy Network Solutions	**Galaxy BI Consulting Services**
One of India's most trusted active and passive networking specialists	Helps organizations to deliver and leverage business intelligence to create substantial business impact