



Cisco Networking Academy Program

## Market Research, July 2006

### Job Market / Technology Trends

#### **Market for 10-Gbps Modules to Surpass \$4.2 Billion in 2011**

**Communications Industry Researchers**

**July 27, 2006**

The market for 10-Gb transponder and transceiver modules used in data and telecommunications networks will top US\$4.2 billion in the year 2011, according to a market study by CIR. The analysts expect the 40-Gb market will start to gain traction in 2008 and generate revenues of close to US\$350 million in 2011.

<http://telecom.tekrati.com/research/news.asp?id=7509>

#### **Deployment of Corporate Weblogs Will Double in 2006**

**JupiterResearch**

**June 26, 2006**

Market research by JupiterResearch shows that 35 percent of large companies plan to institute corporate Weblogs this year. Combined with the existing deployed base of 34 percent, nearly 70 percent of all corporate Website operators will have implemented corporate blogs by the end of 2006.

<http://software.tekrati.com/research/news.asp?id=7353>

#### **Enterprises Favor SOA Suites and Enterprise Service Bus Technologies**

**AberdeenGroup**

**July 25, 2006**

A recent benchmark survey of 120 IT and business professionals provides new insights into the maturation of Service-Oriented Architecture (SOA) adoption —especially enterprise service bus (ESB) uptake —as of mid-2006. AberdeenGroup reports the overall enterprise adoption rate of SOA technology is very robust, with 90 percent of survey respondents saying they will exit 2006 with experience in SOA planning, design, or programming under their belts.


<http://software.tekrati.com/research/news.asp?id=7498>

#### **Certification and the great paper chase**

**Computerworld**

**July 24, 2006**

Certification continues to be among the primary demands in recruiting, and according to industry sources, this trend is not likely to change in the near future. At the same time, however, practical experience is equally well regarded (unless it covers an extremely broad range of tasks), but is unlikely to get you past the resume stage when applying for most jobs. For many IT professionals, however, this is precisely the reason



that they choose to invest the money and time required to get certifications—to earn that valuable piece of paper and the all-important initials for their business cards that validate their skills.

<http://www.computerworld.com.au/index.php/id:1269811610:fp:2:fpid:1>

### **Security Appliances Will Grow Steadily as Market Transitions to Services**

**In-Stat**

**July 25, 2006**

With the melding of security technology into networking equipment and the growth of managed services, the security market is transitioning from a product focus to a service focus, reports In-Stat. Despite this transition, the security appliance market is expected to grow steadily, reaching \$5.4 billion by 2010, says the high-tech market research firm. A recent In-Stat survey found the following:

- 52 percent of respondents plan to purchase security appliances to replace out-of-date equipment, as compared to 22 percent in 2004.
- Less than 10 percent of the respondents in companies with less than 100 employees have deployed integrated security appliances.
- Intrusion protection systems (IPSs) are increasingly being distributed at critical segments instead of being concentrated at network perimeters. Only 44 percent of the survey respondents reported using IPS technology inline at the perimeter; as compared to 74 percent in 2004.

<http://security.tekrati.com/research/news.asp?id=7499>

### **IT Security Spending to Stabilize as Operational Efficiency Improves**

**Gartner, Inc.**

**July 24, 2006**

The most efficient organizations—those that have reached a high level of IT security practice maturity—can safely reduce the share of security in the IT budget to between 3 and 4 percent by the end of 2008, according to research released by Gartner for its recent IT Security Summit in Sydney, Australia.

<http://security.tekrati.com/research/news.asp?id=7489>

### **Evans Data Corp Finds Growing Community of SOA and Web Services Developers**

**Evans Data Corporation**

**July 20, 2006**

Evans Data Corp released several highlights from its 2006 Web Services Development Survey:

- Use of Service-Oriented Architecture (SOA): 24 percent of respondents say that they currently implement SOA. That's an 85 percent increase from last year.
- Use of Web services: 30 percent of respondents will be using more than 20 services in the next year, a 58 percent increase from today.
- 25 percent of respondents are saying that the leading problem in implementation of Web services is changing services or lack of industry standards, a 67 percent increase from last year.

<http://software.tekrati.com/research/news.asp?id=7480>

## **Compliance Infrastructure Market to Pass the \$21 Billion Mark in 2010**

**IDC**

**July 19, 2006**

The compliance infrastructure market is expected to pass the \$21 billion mark in 2010, increasing at a compound annual growth rate of 18.4 percent from 2005 to 2010, a new IDC study reveals. Until 2007, services revenue will account for the largest portion of spending, as organizations continue to focus on the IT processes, configuration, and design of their IT infrastructure.

<http://cio.tekrati.com/research/news.asp?id=7462>

## **VPN and Security Services Markets to Reach \$37 Billion in 2009**

**Infonetics Research**

**July 19, 2006**

The VPN services market took in a whopping \$23 billion in 2005 and is expected to grow another 22 percent to hit \$29 billion in 2009, according to research by Infonetics on the VPN and security services market. The analysts say the managed security services market grew to nearly \$5 billion in 2005 and is forecast to jump 68 percent to \$8 billion in 2009.

<http://security.tekrati.com/research/news.asp?id=7463>

## **Enterprise IT Budget Increases Signal Continued Recovery of the Global IT Market**

**Datamonitor**

**July 17, 2006**

Forty-three percent of 200 enterprise IT decision makers surveyed in Western Europe and the United States indicated that they see their IT budget increasing in 2007, compared to 32 percent whose budget increased from 2005 to 2006. The percentage of enterprises that see their IT budget decreasing is likely to decline, from 21 percent in 2006 to 17 percent in 2007.

<http://cio.tekrati.com/research/news.asp?id=7457>

## **Open Source Software Will Grow Fastest in Government Sector**

**Government Insights**

**July 17, 2006**

Open source software will gain momentum faster within the government sector than it will in other markets. According to Government Insights, a 30 percent compound annual growth rate (CAGR) of open source software is expected as part of total IT spending through 2009.

<http://industry.tekrati.com/research/news.asp?id=7448>

## **TPI Index Cites Record Number of Business Process Outsourcing Contracts in 2006**

**TPI**

**July 17, 2006**

Midway into 2006, the global outsourcing market is slightly ahead of this time last year in terms of awarded total contract value (TCV), supported in part by a record-breaking 92 business process outsourcing (BPO) contracts signed during the first half of 2006, according to the latest TPI Index.

TPI says that this marks an increase of 58 percent year-on-year. The 92 contracts are valued at a total of US\$11 billion, a 20 percent gain in BPO TCV over this time a year ago.

<http://services.tekrati.com/research/news.asp?id=7454>

### **SMBs in Canada to Spend More than US\$17 Billion on IT in 2007**

**AMI-Partners**

**July 17, 2006**

In Canada, small and medium-sized businesses (SMBs)—businesses with 1 to 9999 employees—are on track to spend up to US\$17.1 billion on beefing up their IT infrastructure and applications by the end of 2007, up 8.14 percent over spending in 2006, according to AMI-Partners. The industry analysts estimate that 30 percent will go to IT services such as consulting, software support, IT management, and computing and network support. An estimated 22 percent will be spent on hardware purchases, including PCs, servers, printers, and peripherals.

<http://vendor.tekrati.com/research/news.asp?id=7440>

### **Training efforts often insufficient, companies say**

**Associated Press**

**July 17, 2006**

According to a recent study by Accenture, only 20 percent of respondents believed that more than three-fourths of their employees understood the company's strategy and what's needed to achieve success in the industry, while 40 percent said that less than half had such an understanding. Some of the problem stems from inadequate training. Only 36 percent of respondents said that their companies tailor human resource and training programs to support specific work functions, while 63 percent depend mostly on the same training and support for all employees.

<http://www.chicagotribune.com/business/chi-0607170114jul17.1.7997392.story?coll=chi-business-hed>

### **Grid Computing Edges into Mainstream of Telco IT Technologies**

**Insight Research Corporation**

**July 14, 2006**

Grid computing has penetrated well beyond the large research institutions that first developed the techniques required to virtualize computing resources and has entered the "early adoption" phase of mainstream commercial computing. According to market research by the Insight Research Corporation, worldwide grid spending will grow from \$1.8 billion in 2006 to approximately \$24.5 billion in 2011.

<http://computers.tekrati.com/research/news.asp?id=7432>

### **Retailers Poised to Take Advantage of Enterprise-wide BI Processes**

**AberdeenGroup**

**July 14, 2006**

According to a new AberdeenGroup research report sponsored by several IT vendors, 89 percent of retailers are using business intelligence (BI) processes, which includes advanced analytics, on an enterprise-wide basis. In addition, over two-thirds of retailers indicated that senior executives, including the CEO, are actively engaging in the use of business intelligence within their organization.

<http://software.tekrati.com/research/news.asp?id=7433>

## **Server Virtualization Is Transforming Enterprise IT**

**Yankee Group**

**July 12, 2006**

Server virtualization is a mainstream technology, with three out of four businesses already using or planning to deploy the technology, according to Yankee Group's 2006 Global Server Virtualization Survey.

<http://computers.tekrati.com/research/news.asp?id=7416>

## **Strong Interest by U.S. Businesses in 3G Service**

**In-Stat**

**July 12, 2006**

Nearly 5 percent of employees in U.S. companies report that they have already adopted 3G services, and an additional 15 percent to 20 percent would be likely to do so, according to In-Stat market research.

<http://telecom.tekrati.com/research/news.asp?id=7412>

## **Gartner EXP: U.S.-Based Companies Expect an Increase in IT Staffs and Salaries in 2006**

**Gartner, Inc.**

**July 11, 2006**

According to a survey of 188 U.S.-based organizations, approximately 61 percent of respondents have projected some level of increase in IT staff for the next 12-month period (March 1, 2006 to February 28, 2007).

<http://cio.tekrati.com/research/news.asp?id=7410>

## **Latest Edition of (ISC)2® Information Security Career Guide Released**

**BusinessWire**

**July 11, 2006**

According to the 2005 (ISC)2 Global Information Security Workforce Study, conducted by global analyst firm IDC and sponsored by (ISC)2, the number of information security professionals worldwide in 2005 was 1.4 million, a nine percent increase over 2004, and nearly twice the expected growth in the number of IT employees globally. This figure is expected to increase to more than 1.9 million by 2009, a compound annual growth rate of 8.5 percent from 2004.

[http://home.businesswire.com/portal/site/google/index.jsp?ndmViewId=news\\_view&newsId=20060711005387&newsLang=en](http://home.businesswire.com/portal/site/google/index.jsp?ndmViewId=news_view&newsId=20060711005387&newsLang=en)

## **79 Percent of Online Small Businesses Shop Regularly Online for Products and Services**

**JupiterResearch**

**July 11, 2006**

JupiterResearch reports that 79 percent of online small businesses conduct business-related online shopping regularly, making it almost as prevalent as the use of email among online small businesses.

<http://industry.tekrati.com/research/news.asp?id=7408>

## **Financial Services IT Executives Need to Better Secure Data**

**InfoTech**

**July 10, 2006**

According to a recent InfoTech survey from Ingrian Networks, a full 89 percent of respondents stated that regulatory and legislative compliance is elevating the requirement to encrypt sensitive information within their organization. More than sixty-two percent (62.3 percent) of respondents agree that their organizations are protecting data at the application level, while 26 percent disagree or strongly disagree. More than half (51.8 percent) of respondents agree that their organizations have proper database encryption, while 39.9 percent disagree.

<http://security.tekrati.com/research/news.asp?id=7401>

## **Wireless Laptops Motivate MI Students**

**Techweb**

**July 6, 2006**

According to a new study, more than 60 percent of students using wireless notebook computers in the classroom credit the devices with increasing their interest in learning.

[http://www.techweb.com/showArticle.jhtml?articleID=190300631&cid=RSSfeed\\_TechWeb](http://www.techweb.com/showArticle.jhtml?articleID=190300631&cid=RSSfeed_TechWeb)

## **Gender**

### **Lamar getting girls 'WIRED' for computer careers**

**Beaumont Journal**

**July 11, 2006**

In the last decade, less than 20 percent of computer-science bachelor's degrees awarded in the U.S. went to women.

[http://www.beaumontjournal.com/news/2006/0712/Accolades\\_announcements/](http://www.beaumontjournal.com/news/2006/0712/Accolades_announcements/)

### **Lamar gets girls WIRED for careers in computer science**


**Lamar News**

**July 7, 2006**

Thirty promising young students will come to Lamar University for "Girls WIRED for Computer Science," summer camps for young women in middle school through high school.

The goal is to teach girls that computers are cool—and not just for boys—and ultimately to prepare them to take their places in a profession in which women are under-represented and in which the number of women is inadequate to meet the demands of a growing industry. The acronym WIRED stands for Lamar's Women in REsearch Development initiative.

It is important to attract young women to computing because the United States faces a shortage of computing professionals. Lamar is active in the movement to change that, including efforts by LU WIRED, the university's award-winning team of female computer science students and faculty who perform research in autonomous robots. This group will work with the camp participants, helping them with hands-on activities.



According to the U.S. Bureau of Labor Statistics, computer occupations are expected to be among the fastest-growing occupations in the United States through 2014. Five of the 20 fastest-growing occupations in the United States are in computing. Career potential is diverse, with positions ranging from database administrator to computer hardware engineer, software engineer, Webmaster, systems analyst, and many more.

Most positions average \$44,000 to \$102,000 per year. But the number of computer science degrees awarded in the United States has decreased dramatically in recent years. In the last decade, less than 20 percent of computer-science bachelor's degrees awarded in the U.S. went to women.

[http://www.lamar.edu/newsevents/news/207\\_4455.htm](http://www.lamar.edu/newsevents/news/207_4455.htm)

## Cisco News

### **In Depth: How Businesses Can Attract the Next-Generation of IT Workers**

**InformationWeek**

**July 17, 2006**

The U.S. Bureau of Labor Statistics estimates that by 2014, the IT industry will create close to 1 million new jobs, and with retirements, have more than 1.3 million job openings. IT jobs account for six of the 30 jobs that the bureau predicts will grow the fastest, with increases around 50 percent over a decade. Yet the number of computer science majors departments that grant Ph.D. degrees has fallen by half in the last five years—from 15,958 in 2000 to 7,952 in 2005, according to the Computing Research Association. While a drop-off would be expected after the boom, the decline hasn't stopped: enrollment in 2005 was lower than 2004.

<http://www.informationweek.com/story/showArticle.jhtml?articleID=190400250>

### **Next-Gen IT Workforce: Computer Classes Seen As “Shop Class” At Many Schools**

**InformationWeek**

**July 17, 2006**

There are many reasons why there is inconsistency and a lack of computer science requirements in kindergarten through 12th grade. Schools face budget pressures, and regulations related to standardized testing and the federal No Child Left Behind program sometimes restrict the flexibility of schools in curriculum offerings. That has many districts cutting back electives.

Also, parents are focused on grade points and pleasing college admissions officials, says Gene Longo, who as senior manager of Cisco Networking Academy Program field operations, and works with districts across the United States and Canada to make sure Cisco's education programs meet various states' objectives for math, science, or language arts. One frequent issue: Cisco's networking courses often are taught through the vocational program, leading some parents to steer their children clear of these classes because of how it may look on high school transcripts. In some school districts, tech courses are part of the honors or advanced placement curriculum, helping make them more likely to be picked as an elective by a top student.

Many schools don't consider computer skills a core science that lower-grade students need. Schools also fight perceptions from parents that technology changes so fast that skills taught to kids today will be obsolete by the time they're in college and ready to enter the workforce, and that kids today have so much technology in their lives, they don't need it in school. What we need instead is an understanding that computer science is a building block for almost any field of scientific study—from engineering or medicine to the core sciences—as well as business.

<http://www.informationweek.com/news/showArticle.jhtml?articleID=190400250>

## **2010 “Information Blackout”**

**MyADSL.com**

**July 10, 2006**

According to a recent study around South Africa’s readiness to support the IT demands of hosting the 2010 World Cup, the country will be looking at a shortage of 113, 000 networking professionals.

To address the growing concern, Cisco Systems has developed a program in which students are taught to design, build and maintain computer networks. Once a student has completed the program, he or she obtains a qualification that is accredited by Cisco and recognized globally.

So far, there are 32 Academies in South Africa, with 3212 graduates and 2534 students currently enrolled in courses.

<http://www.mybroadband.co.za/nephp/?m=show&id=3470>

## **UAE: Shortage of Networking Skills Could Impact Economic Growth**

**Asharq Al-Awsat**

**July 9, 2006**

Dubai, Asharq Al-Awsat—Unless the networking skills shortage is addressed urgently, in only three years demand for networking skills in the United Arab Emirates will exceed supply by 27 percent. This finding comes from a new report on the demand for Networking Skills in the Middle East, part of a series from IDC, commissioned by Cisco Systems. The report also predicts a shortage of more than 19,000 skilled people required to help drive economic growth.

The UAE is experiencing impressive economic growth and has consistently maintained GDP growth levels. Over the past three years, the Middle East region has recorded some of the highest GDP growth rates in the world—the UAE's GDP increased at an average of 13.5 percent from 2001 to 2005.

IDC expects the ongoing economic expansion in the region to have a strong impact on demand for information and communications technology, including networking skills. As an example, IDC forecasts demand for IT in the Middle East to increase at a compound annual growth rate (CAGR) of more than 16.9 percent between 2005 and 2009.

<http://aawsat.com/english/news.asp?section=6&id=5570>

## **WANTED: Students for IT**

**Campus Technology**

**July 1, 2006**


In response to a U.S. Bureau of Labor Statistics estimate that demand for IT professionals will grow nearly 50 percent by 2012, Cisco Systems and the Cisco Networking Academy Program have announced a Promoting IT Careers initiative. A combination of “job shadow” days and recruiting events are raising awareness of the need for IT professionals and enabling students to further their educational and occupational goals.

<http://www.campus-technology.com/article.asp?id=18769>

## **ICT sector needs networking professionals**

**Express Computer**

**July, 2006**



Gartner predicts that the Indian information and computer technology (ICT) spending will surpass \$54.8 billion by 2008, and achieve a compounded annual growth rate (CAGR) of around 19 percent. With this growth, comes the challenge of growing shortfall of networking professionals in the country.

In February 2006, with the aim of bridging the demand-supply gap, Cisco Systems and Jawaharlal Nehru Technological University, signed a Memorandum of Understanding to provide the Cisco Networking Academy Program in nonprofit educational institutions across Andhra Pradesh. As per agreement, Jawaharlal Nehru Technological University Colleges of Engineering in Hyderabad, Anantapur, and Kakinada will be accredited as regional Networking Academies. These Academies will further identify and accredit 250 nonprofit educational institutions as local Networking Academies under them within a period of two years. The Academies will impart networking education to around 25,000 students every year.

<http://www.expresscomputeronline.com/20060731/technologylife02.shtml>

## Theater-Specific Information

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<http://www.expresscomputeronline.com/20060731/technologylife02.shtml>

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## Market Research, June 2006

### Job Market / Technology Trends

#### Converged Wi-Fi/Cell Phones Going Mainstream

In-Stat

June 26, 2006

Cellular handsets with embedded Wi-Fi are expected to make a big splash, reports In-Stat. By 2010, shipments of converged Wi-Fi/cellular handsets will exceed 132 million devices.

<http://ce.tekrati.com/research/news.asp?id=7356>

#### SMBs Worldwide Set to Spend US \$11.4 Billion on IT Security in 2006

AMI-Partners

June 26, 2006

Small and medium-sized businesses (SMBs) worldwide are poised to spend more than US \$11.4 billion on enhancing their IT security and infrastructure during 2006 to thwart increasing electronic threats, says AMI-Partners.

<http://security.tekrati.com/research/news.asp?id=7350>

#### Gartner Says Worldwide FC SAN Switch Revenue Increased 20 Percent in First Quarter of 2006

Gartner, Inc.

June 22, 2006

Worldwide Fibre Channel storage area network (FC SAN) switch market revenue totaled \$378 million in the first quarter of 2006, a 20.3 percent increase from the first quarter of 2005, according to Gartner, Inc.

<http://computers.tekrati.com/research/news.asp?id=7342>

#### High Speed Download Packet Access to Take Off in 2008

Ovum

June 22, 2006

The number of High Speed Download Packet Access (HSDPA) connections will reach 16.5 million by the end of 2008 in Western Europe, according to market forecasts by Ovum. The analysts say HSDPA will grow from a small base of half a million at the end 2006, as Universal Mobile Telecommunications System operators throughout the region start deploying this new high-speed wireless technology.

<http://telecom.tekrati.com/research/news.asp?id=7337>

## **Worldwide Antivirus Software Market Increased 13.6 Percent in 2005**

**Gartner, Inc.**

**June 22, 2006**

Worldwide antivirus total software revenue totaled \$4 billion in 2005, a 13.6 percent increase from 2004 revenue, according to Gartner. The market was relatively evenly split between the enterprise and consumer segments, with the enterprise segment at a 51.5 percent market share and the consumer segment with 48.5 percent of the market in 2005.

<http://security.tekrati.com/research/news.asp?id=7340>

## **Flexibility and Cost Savings Driving Enterprise VoIP Projects**

**TheInfoPro**

**June 21, 2006**

According to a networking market study from TheInfoPro, voice over IP (VoIP) projects are in the works at Fortune 1000 and mid-market enterprises. The findings indicate that Session Initiation Protocol (SIP) products are already in use among 22 percent of those interviewed, while another 27 percent are already in the trial phase with SIP-based products or have plans to implement them within a year.

<http://telecom.tekrati.com/research/news.asp?id=7311>

## **Tech firms need more people**

**The Baltimore Sun**

**June 21, 2006**

The hourly wages for skilled tech workers increased 4.62 percent in the first quarter of 2006, compared with the corresponding quarter a year ago, according to a salary index compiled by Yoh, a Philadelphia-based technology talent and outsourcing company. Hardware engineers, for instance, earned an average of \$69.01 an hour during the first quarter, while Java developers earned \$59.06 on average, according to the Yoh Index, which is calculated from employment activity of more than 5000 technology professionals.

[http://www.baltimoresun.com/business/careers/bal-wk.techworkers21jun21\\_0.4856986.story?track=mostemailedlink](http://www.baltimoresun.com/business/careers/bal-wk.techworkers21jun21_0.4856986.story?track=mostemailedlink)

## **U.S. Broadband Composition Reaches 72 Percent at Home**

**Nielsen/NetRatings, Inc.**

**June 21, 2006**


Nearly three-quarters of active Web users in the United States connected at home via broadband in May, according to Nielsen/NetRatings. That's up 15 percentage points over a year ago, when just 57 percent of active Web users relied on broadband connections at home.

<http://telecom.tekrati.com/research/news.asp?id=7322>

## **Nascent IMS Market Could Reach \$14 Billion in US by 2011**

**In-Stat**

**June 20, 2006**



IP Multimedia Subsystem (IMS) will take at least another year to get going, but has enormous potential, according to the latest market assessment by In-Stat. IMS allows users to seamlessly communicate across multiple networks—wireless, Wi-Fi, broadband, cable— using several different end-user interface devices. In-Stat forecasts that wireless carrier revenues from IMS applications in the U.S. will be as high as \$14 billion by 2011.

<http://telecom.tekrati.com/research/news.asp?id=7307>

### **In-Building Wireless Revenues to Top \$1.3 Billion by 2009**

**visiongain**

**June 19, 2006**

Visiongain forecasts that in-building wireless revenues can exceed \$1.3 billion by 2009 if mobile operators position themselves correctly in the market.

<http://telecom.tekrati.com/research/news.asp?id=7294>

### **Videotelephony Set to Take Off in Europe**

**Analysys**

**June 19, 2006**

By 2010, Analysys predicts that household penetration of fixed videocommunications applications and services will have reached 32 percent in Western Europe, with 11 percent of the adult population using mobile videotelephony.

<http://telecom.tekrati.com/research/news.asp?id=7291>

### **Worldwide IT Operations Management Software Market Grew 13 Percent in 2005**

**Gartner, Inc.**

**June 15, 2006**

Worldwide IT operations management (ITOM) total software revenue totaled \$9.9 billion in 2005, a 12.6 percent increase from 2004 revenue, according to Gartner, Inc.

<http://software.tekrati.com/research/news.asp?id=7278>

### **IDC Anticipates 34 Million More Residential VoIP Subscribers in 2010**

**IDC**

**June 13, 2006**


IDC views voice over IP (VoIP) as the next generation of technology to change the telecommunications landscape. The market for consumer VoIP services is still in its infancy, but IDC's forecasts exponential growth within the next four years. IDC predicts that residential U.S. VoIP subscribers will grow from 10.3 million in 2006 to 44 million in 2010.

<http://telecom.tekrati.com/research/news.asp?id=7246>

### **Mobile Office and Mobile CRM/SFA Offer Key Opportunities to Enterprise Software Vendors**

**Frost & Sullivan**

**June 13, 2006**



Frost & Sullivan estimates that the North American enterprise mobile market earned revenues of \$642.2 million. The analysts estimate these earnings will reach \$7.4 billion in 2012.

There are 55 million mobile workers in North America, which translates into approximately 45 percent of the total workforce.

<http://software.tekrati.com/research/news.asp?id=7252>

### **Supply Chain Execution Applications Lead SCM Market Growth**

**ARC Advisory Group**

**June 13, 2006**

According to ARC Advisory Group, the worldwide market for Supply Chain Management applications is poised to grow at a compounded annual growth rate (CAGR) of 8.6 percent over the next five years. That moves the market from \$5,507 million in 2005 to over \$8,304 million in 2010.

<http://software.tekrati.com/research/news.asp?id=7242>

### **City Wi-Fi Plans Pose Little Long-Term Threat to Incumbent Operators**

**Strategy Analytics**

**June 12, 2006**

Strategy Analytics projects that by 2010, about 5 percent of all U.S. households—some six million homes—will be able to access broadband networks operated by cities, towns, and other municipalities.

<http://telecom.tekrati.com/research/news.asp?id=7220>

### **HSDPA Operators Must Give Better Thought to Applications**

**Visiongain**

**June 12, 2006**

High-speed Downlink Packet Access (HSDPA) is now beginning to make market inroads worldwide, with 29 commercial launches as of the end of May 2006, and at least a further 32 live networks expected by the end of 2006. Visiongain expects accelerated momentum in 2007 onwards as the benefits of HSDPA lure investments from 3G operators.

<http://telecom.tekrati.com/research/news.asp?id=7215>

### **Worldwide Application Integration and Middleware Market Grew 7 Percent in 2005**

**Gartner, Inc.**

**June 12, 2006**

Software revenue from worldwide application integration and middleware (AIM) totaled \$8.5 billion in 2005, a 7.1 percent increase over 2004 revenue, according to Gartner.

<http://software.tekrati.com/research/news.asp?id=7230>

## **Cisco beats up HP on LAN shipments**

**Techworld.com**

**June 8, 2006**

This year, the Cisco® LAN switch market has grown in terms of revenue—from \$1.27 billion in Q4 of 2005, to \$1.30 billion in Q1 of 2006, a 2.6 percent increase, its highest level in the last five quarters. Cisco Systems®, along with its Linksys subsidiary, also continued to lead in market share for overall port shipment, which increased from 31 percent in Q4 2005 to 35.3 percent in Q1 2006.

<http://www.techworld.com/networking/news/index.cfm?newsID=6176&pagtype=all>

## **Email Security Market Revenues Expected to Double Over Next 4 Years**

**Radicati Group**

**June 5, 2006**

Worldwide revenue in the e-mail security market is expected to grow from nearly \$3.5 billion in 2006, to over \$6 billion in 2010, according to Radicati Group.

<http://security.tekrati.com/research/news.asp?id=7195>

## **Carrier Ethernet Switch/Router Market to Exceed \$1.2 Billion in 2006**

**Heavy Reading**

**June 2, 2006**

Worldwide sales of carrier Ethernet switch/routers (CESR) rose another 14 percent in the first quarter of 2006 and are poised to break the US\$1.2 billion mark for 2006, according to telecommunications market research firm Heavy Reading.

Heavy Reading estimates that CESR sales hit \$284 million worldwide in 1Q06, putting the sector on pace to surpass \$1.2 billion for the year—an increase of more than 70 percent over the \$697 million in CESR revenues posted for 2005.

<http://telecom.tekrati.com/research/news.asp?id=7166>

## **Gender**

### **Diversiti: Where are the women in IT?**

**CRN**

**June 6, 2006**

In its 2006 IT Hiring Influence Report, Diversiti found that 56 percent of organizations surveyed said that less than 30 percent of their total IT hires in the past 12 months were female. One fifth (21 percent) claimed the percentage was less than 10 percent of their total hires.

<http://www.itnews.com.au/newsstory.aspx?CIaNID=33376>

### **Working Women Relying on Internet**

**Working Moms Refuge**

**June, 2006**

America Online with The Business Women's Network recently unveiled a new study that reveals:

- Working women use the Internet more than 14 hours per week, and more than half log on at least once a day. Echoing the AOL/Roper Starch Cyberstudy results of 1998, 72 percent of working women currently online, given a choice, would prefer to have a computer with Internet access at their desk rather than a telephone.
- 84 percent of working women online said that using the Internet saves them time in every aspect of their lives. In fact, when it comes to e-commerce, 96 percent have researched products online and 64 percent have made purchases online.
- More than half of working women currently online use the Internet for work purposes. Two-thirds have used the Internet to learn about careers and career advancement, and almost half of working women online have used it to find a job.

<http://www.momsrefuge.com/career/9910/biznotes/index.html>

### **What Women Want**

**CFO.com**

**June 1, 2006**

Fewer than 10 percent of CFOs in either Fortune 500 or Fortune 1000 companies are women. Drop down a notch to controller, treasurer, and tax director, and the numbers increase to about 20 percent of the Fortune 500. From the glass-is-half-full perspective, the 35 female CFOs in the Fortune 500 represent a 350 percent gain from 1995, the first year CFO magazine conducted the survey, when only 10 women held the title.

<http://www.cfo.com/printable/article.cfm/6970016?f=options>

### **Cisco News**

#### **Promote IT Careers**

##### **The Big Deal Book**

**June 15, 2006**

Cisco Systems and the Cisco Networking Academy Program are teaming up to promote IT careers in the United States. The multifaceted initiative includes Job Shadow Days, NetWork Strategic Recruiting Events, and All Academy Days. The main focus of the Promoting IT Careers initiative is to raise awareness of the need for IT professionals, to position Cisco Networking Academy Program students for the best chance at employment, and to provide Cisco partners and customers with a skilled selection of IT workers to help their businesses grow.

[http://www.bigdealbook.com/show\\_newsletter.aspx?newsletterid=114](http://www.bigdealbook.com/show_newsletter.aspx?newsletterid=114)

#### **Cisco Networking Academy Raises Profile of IT Careers**

**June 12, 2006**

It's been a good year for the Cisco Networking Academy® Program, which has the mission of promoting IT careers to high school and college students. The past 12 months have included unprecedented levels of interest in the program's Job Shadow Day and networking events.

[http://www.certmag.com/articles/templates/CM\\_COMM\\_Train\\_article.asp?articleid=2092&zoneid=213](http://www.certmag.com/articles/templates/CM_COMM_Train_article.asp?articleid=2092&zoneid=213)>[http://www.certmag.com/articles/templates/CM\\_COMM\\_Train\\_article.asp?articleid=2092&zoneid=213](http://www.certmag.com/articles/templates/CM_COMM_Train_article.asp?articleid=2092&zoneid=213)

## **Cisco hits the road to woo SMBs**

### **Business Standard**

**June 8, 2006**

Cisco Systems has thought of a unique plan to cater to the small and medium-sized business (SMB) segment in India. Called the Network On Wheels (NOW), the company has created a 25-foot customised van with a live network environment on board.

Cisco will inaugurate an eight-month long, 50-city NOW road shows that will feature customized Cisco networking solutions, including advanced technologies such as security, wireless services, and unified IP communications aimed at helping Indian SMBs leverage the power of networking technology for business growth.

<http://www.business-standard.com/iceworld/storypage.php?leftnm=lmnu9&subLeft=2&autono=94204&tab=r>

## **Cisco expands networking education programme in UK**

### **Electronics Weekly**

**June 6, 2006**

In 2005, an IDC report commissioned by Cisco estimated a shortage of people with networking skills of around 230,000 in 2005, increasing to 615,000 by 2008.

<http://www.electronicsweekly.com/Articles/2006/06/06/38896/CiscoexpandsnetworkingeducationprogrammeinUK.htm>

## **Cisco "Promoting IT Careers" Initiative Builds on Strength of Cisco Networking Academy Program**

**June 6, 2006**

Cisco is also hosting a series called NetWork Strategic Recruiting Events throughout the United States as a pilot project. The NetWork Strategic Recruiting Events link students and alumni of the Cisco Networking Academy Program with potential employers. Cisco is identifying partners with current openings and coordinating with local Cisco Networking Academy Program schools to recommend qualified candidates.

[http://newsroom.cisco.com/dlls/2006/prod\\_060606b.html](http://newsroom.cisco.com/dlls/2006/prod_060606b.html)

## **Attracting Top IT Students**

### **University Business**

**June Issue**


As colleges and universities compete to attract top IT students, they must provide programs and courses that offer prospective students a competitive edge once they enter the business world. Incorporating programs such as the Cisco Networking Academy can help institutions provide students with both the practical skills that will prepare students to hit the ground running in the IT field, plus an understanding of how these mission-critical network operations drive everyday business functions.

<http://www2.universitybusiness.com/viewarticle.aspx?articleid=61>

## **Cisco Networking Academy Promotes IT Careers**

### **Training Magazine**

**June Issue**



The trouble is there aren't enough of these computer wiz kids to go around, but San Jose, California-based Internet networking provider Cisco Systems is trying to solve this problem. Promoting IT Careers is Cisco's initiative launched by its Networking Academy program, a partnership between government and private sector organizations that teaches students how to design, build, and maintain computer networks.

As part of the initiative, Cisco will play host to Job Shadow Day events across North America, featuring technology professionals who explain what a career in IT entails. This year, the Networking Academy program provided nearly 3100 students with the opportunity to interact with industry professionals through its Job Shadow Day efforts. It has donated more than 1200 volunteer hours from 230 volunteers this year toward the Job Shadow Days.

[http://www.trainingmag.com/training/search/article\\_display.jsp?vnu\\_content\\_id=1002726523](http://www.trainingmag.com/training/search/article_display.jsp?vnu_content_id=1002726523)

## **Theater-Specific Information**

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<http://www.business-standard.com/iceworld/storypage.php?leftnm=lmnu9&subLeft=2&autono=94204&tab=r>

### **Cisco solutions help Chunghwa Telecom improve service**

**TMC.net**

**June 13, 2006**

Taiwan's largest telecommunications company, Chunghwa Telecom (CHT), has selected a Cisco optical networking solution, using the Cisco ONS 15454 Multiservice Provisioning Platform (MSPP), to help propel its rapid expansion into overseas markets in Asia, Europe, and the United States.

<http://www.tmcnet.com/submit/-cisco-solutions-help-chunghwa-telecom-improve-service-/2006/06/13/1682483.htm>

## **Amari Raises the Bar for Hospitality Services with Wireless Technology from Cisco**

**TMC.net**

**June 14, 2006**

Thailand based Amari Hotels and Resorts has upgraded its services with advanced wireless technology from Cisco Systems, providing highly secure high-speed Internet access throughout the hotel, including the guest rooms, meeting rooms, and public areas.

<http://www.tmcnet.com/submit/2006/06/14/1682537.htm>

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<http://telecom.tekrati.com/research/news.asp?id=7291>

## **Cisco to spend in China on back of robust growth**

**Chinaview.com**

**June 24, 2006**

In the first quarters of the current financial year starting August 1, 2005, Cisco realized a year-on-year growth of at least 20 per cent in China, compared with its global growth of 10 to 15 per cent as estimated by financial analysts. So far, it has invested a total of US\$300 million in China.

In addition to Internet and software development companies, Cisco also makes strategic investments in the Cisco Networking Academy Program, in which career-seeking young people are trained in Internet technologies. The program started with Shanghai Fudan University in 1998 and has expanded to 226 academies around the country.

[http://news.xinhuanet.com/english/2006-06/24/content\\_4742449.htm](http://news.xinhuanet.com/english/2006-06/24/content_4742449.htm)

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