11-2011

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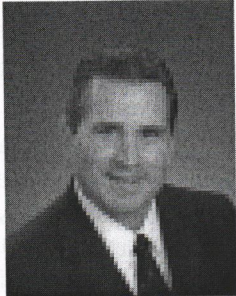Follow this and additional works at: http://digitalcommons.unl.edu/acutanews

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From the President

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Higher Ed IT Services Trending

Institutional
Excellence Award
2012:
**Deadline
November 11**
Details on page 3

During a meeting last week I was handed a survey summary document published by the Educause Core Data Service (CDS) group. The document is dated October 2011 and details results from a recent survey sent to more than 2,400 Institutions, with roughly one-third responding. The document is available here: (http://net.educause.edu/ir/library/pdf/CDA1101.pdf). The full analysis has not yet been posted.

I'm a sucker for surveys and really enjoy looking through data to determine where things are heading. While most of the data fell in line with what I might have expected, there were a few surprises. For instance, 95% of responding institutions (roughly 650) indicate that they use Internet bandwidth shaping devices. These devices are used to restrict or block peer-to-peer sharing, and to limit bandwidth by protocol (such as streaming video) or by customer/IP address. Accompanying this data point is another indicating average commodity Internet capacity for the responding institutions is 120M/sec. So, as I ponder this, I figure the 5% not shaping network traffic either find their existing bandwidth adequate, or live with poor performance. In addition, there exist issues related to the downloading of copyrighted material, and in demonstrating that your institution has procedures in place to control and manage this type of traffic.

That such a significant percentage of respondents are using this technology in one form or another is a clear indication of what a scarce and precious resource Internet bandwidth is for all of us. If bandwidth were inexpensive, plentiful and not much in demand, then we could all afford to load up on it and let the traffic ride. However, demand for video content has soared in recent years, putting significant pressure on our Internet pipes. Many institutions have expanded their capacity, but also recognized at the same time that this is not an infinite resource. ISP bandwidth costs can vary widely, and if your school is located in an area where choices are few and local loops are the province of just one carrier, then it can be very costly to try to keep up with demand.

We live in a time where video content is exploding at places like YouTube; where more people get their daily fix of info from the Internet than newspaper, TV, or radio; and

In This Issue

where a video can go "viral" at any time, putting huge demand on our networks. Apart from this entertainment content, legitimate university business is transacted over these same pipes too, so it's critical to ensure that this type of traffic gets through reliably. We are all looking for effective ways to control, manage, and prioritize that traffic, and it shows in the survey results. Bandwidth shaping, quality-of-service tags, and caching are some other ways folks are trying to deal with these issues.

I was also surprised to see that 100% of faculty and staff still have a desk or land-line telephone. The survey also indicates that only 7% of that population use VoIP telephones. After several years of VoIP products being installed throughout university campuses, I would have thought that 7% number would be much higher. It's difficult to cull from the data whether the "desktop phone" is a hard device or integrated into a unified communications (UC) environment. For the past ten years I've attended dozens of ACUTA seminars and spoken with many of you about VoIP, SIP, and UC. ACUTA has presented numerous sessions devoted to VoIP/SIP and UC projects that have been successfully completed. Marketing materials provided by telecom companies suggest sales of VoIP/SIP and UC have been very strong, at different times showing market leadership changing from one manufacturer to another. Given the data in this study, it appears higher education is not responsible for those strong sales!

At Boston College, we are currently installing VoIP/SIP only in new or renovated buildings, so about 2% of our deployed phones are VoIP devices. While BC is probably slightly behind the curve, we will be adding 800 VoIP/SIP phones in newly constructed buildings within the next year. The faculty and staff at BC still have landline telephones as well, but I sense that most favor using their cellular phones to make and receive calls. At least that's what I hear anecdotally. It would appear the death of the PBX landline phone has been greatly exaggerated.

Distributed antenna systems (DAS) have been another popular topic at ACUTA over the past couple of years. How surprised would you be to see that only 11% of the respondents provide "ubiquitous cell service"? Again, BC is in line with this number, as presently it is available with only one carrier in our stadium and sports arena, but I was surprised that only 11% have ubiquitous coverage. BC has plans to extend our DAS over the next few years into the residence halls and academic and administrative buildings. Due to poor cellular coverage in our residence halls, we have not removed student landline phones, but we are planning to when the DAS is completed. According to the survey, 45% of the responding institutions still provide student landlines in "all" or "some" rooms. Is it possible that these two data points contradict one another?

Under the heading "Functions most commonly shared by central IT with another unit," 36% responded "Network Infrastructure Services." Of that 36%, I wonder if "Network Infrastructure Services" is a single department that sits outside of central IT, or if the responsibility is decentralized among individual departments or schools? Or, have universities outsourced this function to third parties? It's listed right alongside "Print/Copier services" at 34%. With so much of what IT does dependent upon a secure, robust, and highly available network infrastructure, I wonder if decentralizing or outsourcing is the best model? At BC, Network Services is part of central IT and we work very closely with the security, systems and applications staff. A large portion of our capital spending supports data center infrastructure projects and is fully coordinated with the other IT departments.

Unfortunately this data doesn't compare the results from previous years. It would be interesting to see what some of these numbers were just two or three years ago. If you have any thoughts or comments on this article, please send them to me at harrinjt@bc.edu.

Where will you be April 29–May 2?

ACUTA 41st Annual Conference & Exhibition

Indianapolis, Indiana • JW Marriott

Testing EAS System Nationwide

At 2:00 p.m. Eastern Standard Time on November 9, the first nationwide test of the Emergency Alert System, or EAS, will take place. The broadcasters, along with FEMA and the FCC, have been working hard to ensure both the success of the test AND that consumers are informed and fully aware in advance. If your campus has not been informed, get more details at:

http://www.fcc.gov/guides/emergency-alert-system-nationwide-test-eas

Louis Sigalos, Director, Southwest Region, Public Safety & Homeland Security Bureau, FCC. Phone 281/492-6288.

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Institutional Excellence Award 2012: Deadline November 11

The ACUTA Institutional Excellence Award is presented each year to institutions that, through an evaluation process, are recognized as leaders in technology excellence and professionalism.

This year's award will be presented at ACUTA's 41st Annual Conference on May 1, 2012.

Please encourage your staff and colleagues to consider submitting a nomination form for an initiative on your own campus or one at another institution. The application deadline is Friday, November 11. Up to three awards are given annually from three enrollment categories: category 1 for campuses with fewer than 5,000 students; category 2, 5,000 to 15,000 students; and category 3, more than 15,000 students.

Full information is provided on the ACUTA website at http://www.acuta.org/iea. This is a wonderful opportunity for an institution and its technology leaders to be recognized for their contribution to their institution. Plan now to submit your application or nominate a colleague's.

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Nominate Now for 2012-2013 Board of Directors

ACUTA's Nominating Committee has issued the call for nominations for the positions of President-Elect and two Directors-at-Large. New officers will begin their terms at the close of the Annual Conference on May 2, 2012.

President-Elect: As stated in the Bylaws (Article III, Sect. A6), "Candidates for the office of President-Elect must have served as a member on the Board of Directors for a minimum of one year or served as the Chair of a permanent committee for a minimum of one year." Nominees for this position must also be prepared to serve the following two years as President and Immediate Past President.

Directors-at-Large whose terms will expire this year are Matthew V. Fuoco of University of Kansas Medical Center and Walt Magnussen, Texas A&M University. Matt is finishing his second consecutive term and is therefore ineligible to run for the position this year. Walt is eligible to serve another term if he so chooses.

For 2012, President-Elect Jennifer Van Horn of Indiana University will step into the presidency, and Riny Ledgerwood of San Diego State University will be completing her two-year term as Secretary/Treasurer.

Directors-at-Large Randal J. Hayes, University of Northern Iowa, and Mark S. Reynolds, University of New Mexico, will serve the second year of their two-year terms. Immediate Past President Matthew K. Arthur, Washington University in St. Louis, will step off the Board, and President Joseph E. Harrington of Boston College will serve as Immediate Past President.

Nominations must be received by 5:00 p.m. EST, November 14, 2011. Send all nominations to Matthew K. Arthur, Immediate Past President, at arthur@wustl.edu. Phone nominations will not be accepted.

ACUTA Webinar

DAS Deployment Options, Contracts, and Regulation

FREE
to ACUTA
Members

Crown Castle
Sponsor of this Event

ACUTA is very excited to announce the first of four webinars to be offered free of charge this year to ACUTA members. As a benefit of membership, an unlimited number of employees of your university or company may register for this webinar without having to pay a registration fee. Nonmembers are welcome to participate for $129.

This webinar will discuss the benefits of using distributed antenna systems (DAS) to extend coverage and increase capacity for wireless services to the campus community. The presenters will describe DAS systems and review their use on campuses to-date. As wireless data usage explodes, students and faculty will require ever more capacity. DAS systems will evolve from meeting coverage requirements to addressing capacity shortages.

The presenters will discuss:

- How DAS systems are deployed and utilized to increase coverage and capacity.
- Pros and cons of different deployment options: utilizing neutral hosts, partnering with a wireless carrier, self-provisioning.
- The importance of designing multi-provider systems capable of carrying existing wireless service provider signals, campus WiFi networks and emergency messages.
- Who pays for DAS systems?
- Opportunities for revenue sharing.
- Key contracting considerations: control and performance, updating systems as new technology emerges, space and siting considerations.
- Regulatory developments that may affect DAS system deployment.
- Efforts undertaken by the ACUTA Legislative/Regulatory Affairs Committee (with its legal counsel) to influence regulations covering DAS.

Who should participate? Telecom and ICT professionals responsible for provisioning wireless coverage, campus legal counsel, procurement professionals, and IT financial managers.

Presenters: J.G. Harrington and Michael Pryor, Partners with Dow Lohnes PLLC

We encourage you to share this educational opportunity with anyone at your university or company who is involved in wireless coverage or DAS deployment. An unlimited number of people at each member institution may register at no additional charge. Watch your e-mail and the ACUTA website on November 9 for registration information.

Cellular Signal Boosters

J.G. Harrington
Dow Lohnes PLLC

As some of the participants on the listserv may know, ACUTA is an active participant in the FCC's signal booster rulemaking that is now pending. In that proceeding, the FCC has proposed to adopt rules that would clarify the legal status of boosters. Under the proposed rules, many types of boosters, including the types now sold commercially by several companies, would be permitted. If you're interested, you can find the FCC's notice of proposed rulemaking at http://hraunfoss.fcc.gov/edocs_public/attachmatch/FCC-11-53A1.pdf, and ACUTA's comments at http://fjallfoss.fcc.gov/ecfs/document/view?id=7021705140.

My firm has looked at these issues several times in the past, and we helped ACUTA prepare its FCC comments. The current state of the law on boosters is unsettled. Wireless providers have asserted for many years that a booster cannot be deployed without their permission, relying on the rule that's mentioned below and on another rule that says they have to control their frequencies. Manufacturers have argued that neither rules applies. (Manufacturers argue, in particular, that Section 22.527 only applies to boosters deployed by wireless companies, not by consumers.) The only actual FCC decision we've seen that mentions the issue is an Enforcement Bureau order that actually is about a different topic. That order and the rules that the wireless providers have cited are not discussed in the FCC's rulemaking proposal, which suggests that the FCC doesn't consider them to be that important.

Based on what we've seen in the rulemaking, we think it's extremely likely that the FCC ultimately will rule that consumer-grade devices are permissible. If nothing changes, we'd expect that ruling within the next six months or so. Still, there is some risk to deploying a booster before the FCC issues its order, although that risk is much smaller than it would have been a year ago.

Cell Phone Recycling:

Tips to Protect the Environment, Your Sensitive Data, and Your Budget

Chris Irion, CEO
e-Cycle LLC

Wireless technologies such as smartphones and tablets have become an essential tool for leading educational institutions. But what happens to these mobile devices when it's time for new technology? A device that was once so critical is cast aside as "obsolete" and "worthless."

Yet 50 percent of all mobile devices still retain significant financial value even after 18 months of use and can be reused in secondary markets where the technologies are valued and needed. Below are some key considerations when implementing a responsible wireless asset recovery and recycling program at your school.

1. Know EVERYTHING about your buyback and recycling partner—know THEIR partners.

Before choosing any mobile recycling partner, be sure to investigate every aspect of their business process. Make certain that the company and their partners are conducting business in an environmentally responsible manner. Require complete transparency of all processes.

2. Read the FINE PRINT in regard to data security.

There are several mobile buyback and recycling web sites, especially those of consumer-driven companies, claiming "complete data deletion and protection." However, if you take the time to read the fine print in their terms and conditions, most will state that they take no responsibility for deleting the private data. Most wireless carrier trade-in programs do NOT offer data removal.

3. Do not completely trust internal data deletion.

Human error happens. Be certain your mobile buyback company has rigorous processes in place to permanently remove the data on every device and performs secondary quality assurance testing.

4. Be skeptical of extremely high buyback pricing.

Since many buyback companies resell on eBay, they need to take significant price reductions due to cosmetic flaws. We have heard from numerous businesses that felt they were victim of "bait and switch" pricing.

5. Be sure your active lines are canceled prior to reselling or recycling your devices.

Not only is this a serious security risk due to continued data transmissions made to the phone, it often results in substantial financial losses due to unnecessary carrier service charges. Be sure your chosen wireless recycling company includes active phone line testing as part of their services.

6. A "destroy only" policy is bad for the environment and your bottom line.

Studies have shown that extending the service life of the phone from one to four years decreases the environmental impacts by about 40%. Data security is a serious issue, but a destroy-only policy wastes energy and new revenue opportunities.

7. Make certain your logistics are in place.

Work with a recycling partner offering personal support to assist your sustainability efforts in each school location or department and provide full inventory reports for each location.

8. Measure your environmental impact and celebrate.

Be sure your recycling partner offers environmental impact statements. Celebrate your success with your constituents.

Educational institutions dedicate significant dollars to acquire the right devices and service plans. Every organization should have a recycling plan in place to ensure the greatest return on their telecom investment, while protecting the environment and sensitive information.

Chris Irion is the founder and CEO of e-Cycle LLC. Founded in 2005, e-Cycle was recently ranked the #5 fastest-growing environmental services company in the U.S. For more information, contact GoGreen@e-Cycle.com or visit e-Cycle.com.

Info Links

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Frequently, vendors, associations, governmental bodies, and others provide white papers and other informational documents which are announced through a variety of media sources. While some admittedly have a certain slant or opinion, others are quite objective; however, they often contain valuable information. Below are links to selected documents.

- Pando - Global Download Report August 2011:
  http://dl.dropbox.com/u/33013/pandoglobalstudy.pdf
- SecDev - Collusion & Collision: Guidance in China Cyberspace:
  http://www.scribd.com/doc/65531793/Collusion-Collision
- FCC - White Paper - Next Gen 911 Cost Study (NG911):
  http://transition.fcc.gov/Daily_Releases/Daily_Business/2011/db0922/DOC-309744A1.pdf
- FCC - White Paper - Aerial Comm for Emergencies:
  http://transition.fcc.gov/Daily_Releases/Daily_Business/2011/db0922/DOC-309742A1.pdf
- Verizon/U.S. Secret Service - 2011 Data Breach Report:
  http://www.verizonbusiness.com/resources/reports/rp_data-breach-investigations-report-2011_en_xg.pdf
- Noel-Levitz - Online Expectations of Potential Students&Parents:
  https://www.noellevitz.com/documents/shared/Papers_and_Research/2011/2011_E-Expectations.pdf
- Cisco - 2011 Connected World Technology Report (& 2010):
  http://www.cisco.com/en/US/netsol/ns1120/index.html
- Stanford - Downlink Performance & Capacity of DAS Systems:
  http://arxiv.org/PS_cache/arxiv/pdf/1109/1109.2957v1.pdf
- ICN - Monthly Newsletter (Oct 2011):
  http://www.icn.state.ia.us/aboutus/press_room/newsletters/
- USDOJ (Wired News) Data Retention by Wireless Carriers:
  http://www.wired.com/images_blogs/threatlevel/2011/09/retentionpolicy.pdf
- Confident - Mobile Security Survey Results:
  http://www.confidenttechnologies.com/content/mobile-security-survey-results-0
- Google & Others - Hold the Phone—ICC & IP Services:
  https://prodnet.www.neca.org/publicationsdocs/wwpdf/93011google.pdf
- NYU-Law - Internet Benefits & Net Neutrality:
  https://prodnet.www.neca.org/publicationsdocs/wwpdf/93011nyulaw.pdf
- Verizon - Suit Opposing Net Neutrality:
  https://prodnet.www.neca.org/publicationsdocs/wwpdf/93011dccourt.pdf
- TPI - Creating Better Broadband USF Program:
  http://techpolicyinstitute.org/files/wallsten_how%20to%20create%20a%20more%20efficient%20broadband%20universal%20service%20program1.pdf
- Hallym U. - Headaches From Mobile Phone Use:
  http://www.biomedcentral.com/1471-2377/11/115/abstract
- Abilene Christian U - Mobile-Learning Report 2010-2011:
  http://issuu.com/abilenechristian/docs/acu_ml_report_2010-11/1
  Videos for 2010-2011 Report: http://www.acu.edu/technology/mobilelearning/video/year-three.html
  2009-2010 Report: http://issuu.com/abilenechristian/docs/acu_2009-10_mobile_learning_report_issuu
  2008-2009 Report: http://issuu.com/abilenechristian/docs/acumobilelearningreport2009
- Terena - Is the Internet an Unfinished Demo? Meet RINA!:
  http://pouzin.pnanetworks.com/images/Is_the_Internet_an_unfinished_demo_-_Meet_RINA.pdf
- Pouzin - Moving Beyond TCP/IP:
  http://pouzin.pnanetworks.com/images/PSOC-MovingBeyondTCP.pdf
- Pouzin - Transport Over Heterogeneous Nets Via RINA:
  http://pouzin.pnanetworks.com/images/Transport_over_Heterogeneous_Networks_using_the_RINA_Architecture.pdf
- FCC - Interactive Broadband Map:
  http://www.fcc.gov/blog/connect-america-fund-putting-consumers-map
- U.S. Senate - 10/12 Hearing on Universal Service Reform:
  http://commerce.senate.gov/public/index.cfm?p=Hearings&ContentRecord_id=106c5f06-326f-4808-a316-14ed516b6e43&ContentType_id=14f995b9-dfa5-407a-9d35-56cc7152a7ed&Group_id=b06c39af-e033-4cba-9221-de668ca1978a
- Hudson Inst. - Economic Impact of Rural Telecom:
  https://prodnet.www.neca.org/publicationsdocs/wwpdf/101211hudson.pdf
- Comscore - Digital Omnivores—Impact on Digital Media Load:
  http://www.comscore.com/layout/set/popup/request/Presentations/2011/Digital_Omnivores_How_Tablets_Smartphones_and_Connected_Devices_are_Changing_U.S._Digital_Media_Consumption_Habits?req=slides&pre=Digital+Omnivores%3A+How+Tablets%2C+Smartphones+and+Connected+Devices+are+Changing+U.S.+Digital+Media+Consumption+Habits
- OK Cty U. - Estimate of NBBP Impact on RLECs in Oklahoma:
  https://prodnet.www.neca.org/publicationsdocs/wwpdf/101011ota2.pdf

- FCC – Local Telephone Competition Report:
  https://prodnet.www.neca.org/publicationsdocs/wwpdf/10711ltc.pdf
- FCC – Internet Access Services Report:
  https://prodnet.www.neca.org/publicationsdocs/wwpdf/10711ias.pdf
- FCC – USF Disbursements Spreadsheet/Workbook:
  https://prodnet.www.neca.org/publicationsdocs/wwpdf/10711usf.pdf
- CWA – Pro-AT&T/T-Mobile Merger Report:
  https://prodnet.www.neca.org/publicationsdocs/wwpdf/10711cwa.pdf
- Connected Nation – 2011 Broadband Adoption Survey:
  http://www.connectednation.org/research/
- EHT – Worldwide Cellphone Safety Suggestions/Policies:
  http://www.thelancet.com/journals/lanonc/article/PIIS1470-2045(11)70147-4/fulltext
  http://www.iarc.fr/en/media-centre/pr/2011/pdfs/pr208_E.pdf

Committee Corner:
October Highlights

The Legislative/Regulatory Affairs Committee reminds everyone that the first national emergency alert test will be held on November 9 at 2:00 EST. Also, look for the fall *Journal* article on DAS by Ken Salomon & J.G. Harrington, Dow Lohnes. ACUTA representatives met with the FCC in response to our comments filed concerning the signal boosters NRP. Report to come. ACUTA members are encouraged to access the Legislative/Regulatory Update anytime at http://www.acuta.org/legregupdate.

The Environmental Scanning Comminttee is planning two surveys in the coming months that will assist ACUTA in planning programs, publications, and projects that address the most critical member needs.

The Membership Experience Committee is considering ways to help individuals who have been active members but are currently unemployed. Recent membership drives have so far resulted in the addition of 18 new institutional members and 18 new corporate affiliates.

The Program/Content Committee is continuing to develop the agenda for the ACUTA Winter Seminar that will be held in Palm Springs January 22-25 and for the Annual Conference that will be held in Indianapolis April 29-May 2. A preliminary agenda for Palm Springs is now available at www.acuta.org/ws12. Details about educational sessions at the Annual Conference will be available in a few weeks.

Recharge at the Kiosk

Northern Kentucky University has joined a short list of schools locating cell phone charging kiosks across campus. Seventeen Orion kiosks from goCharge (www.gochargenow.com) allow NKU's 15,000 students to charge cell phones, tablets, and mp3 players quickly and conveniently.

Auburn University, the University of Alaska, the University of Miami and Towson University have installed similar systems from NV3 Technologies (www.nv3tech.com).

NV3 kiosks can recharge a device with no battery life in less than 10 minutes, said Mostafa Razzak, a NV3 spokesman. The kiosk stands about six feet and has a 19-inch high-definition LCD screen on top and a 32-inch screen near the bottom of the machine.

Robert Weber, Senior Network Manager at NKU, commented, "There has been an overwhelming response from students and staff. Rarely do I see a goCharge station not in use. The ease of setup and the technology associated with smart electronics used in the systems makes maintaining the systems very easy to keep up with changing technologies."

At NKU, the charging kiosks are located in most buildings around campus, but the demand currently exceeds supply. "Currently, there are 17 stations installed around campus, and I have a request to install 12 more stations in the next few months," Weber said.

Auburn charges $5 per battery fill-up; NKU, Towson, UM, and UA offer the service for free.

Board Report
October 2011

Riny Ledgerwood
San Diego State University
ACUTA Secretary/Treasurer
rledgerw@mail.sdsu.edu

The Board met via conference call on October 5, 2011, and approved the following items:

- August 2011 Financial Statements
- Monthly Committee Minutes and Reports
- Membership Recruitment Report
- 2011-2012 Membership Retention Report
- 2011-2012 Membership NonRenewal Report
- Hyatt Regency Tampa as the location for the 2013 Winter Seminar

The Board put together two task forces:

1. To look into collaboration opportunities among committees/subcommittees, board, and staff. We are still in the early stages of this process.

2. To update the Hurricane Checklist, which will be published soon, and members will be notified. This checklist can also be used for other emergencies.

The Board is reviewing the current strategic plan's action items to gauge ACUTA's accomplishments over the past five years. This information will be used for the upcoming strategic planning process in 2012.

The Board is pleased with the high attendance report for the Fall Seminar in Boston (with 34 first timers attending).

Respectfully submitted,
Riny Ledgerwood
ACUTA Secretary/Treasurer

Member Benefit of the Month
Member Logos

INSTITUTIONAL MEMBER
acuta
2011–2012

CORPORATE MEMBER
acuta
2011–2012
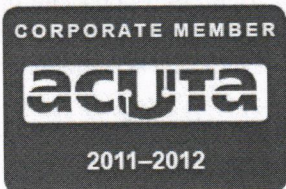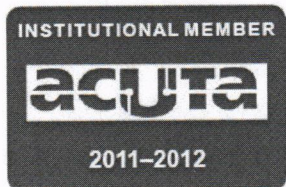
Each month we spotlight one of our many member benefits and provide information on how all members can get the most from their participation. This month we will be focusing on the availability of membership logos.

One of the benefits of being an ACUTA member is networking with other members. And we make that a little easier by providing member logos to our institutional and corporate members so you will know who is a fellow member of ACUTA. This can be especially helpful for companies when communicating with higher education institutions. Display your membership logo to instantly identify your institution as being part of the ACUTA network.

The ACUTA member logos can be used by any member in good standing. The logos may be used on emails, press releases, websites, brochures, etc. And if you can link the logo to a URL, please use the main webpage, www.acuta.org.

We encourage all members to place these logos on their websites and anywhere else they would like to be identified as being an ACUTA member. Using the logo will also help increase visibility among non-member institutions and companies!

To request the logo, please email Amy Burton or call 859/278-3338 x240. The logos are available as JPEG and EPS files. CORPORATE MEMBERS: We have special logos based on the level of membership you have selected (Copper, Bronze, Silver and Gold). Please contact Amy to get the appropriate logo for your company.

We hope this information on ACUTA member logos has been helpful. Please contact Amy Burton with any questions at aburton@acuta.org or 859/278-3338 x240.
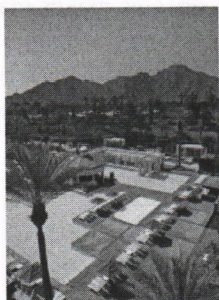
Winter Seminar • Palm Springs, CA • January 22-25, 2012
Track 1. Everything IP
Track 2. 21st Century Skills for IT
Details at www.acuta.org

Thanks to Exhibitors and Sponsors at Fall Seminar

Thanks to the following companies that exhibited and/or sponsored at our Fall Seminar in Boston. As you have opportunity, please include them in your RFPs and thank them for their support of ACUTA.

911 Enable	e2Campus By Omnilert	Polycom
Acme Packet	Enterasys Networks	PosTrack Technologies
American Tower	ExteNet Systems	Professional Computing Resources
Apogee	HP Networking	RAMTEL
AVST	InfoPlus	Riverbed Technology
Campus Televideo	IPC Technologies	Ronco Communications
CenturyLink Business	Jabra	Sentri
Ciena Corporation	MAC Source Communications	snom technology
Comcast Business Class	Microsemi	SonicWALL
Common Voices	NextG Networks	VALCOM
Conveyant Systems	Optelian	Vantage Tech. Consulting Group
Crown Castle	PAETEC	Verizon
CSDNET	Parlance Corp.	WTC Consulting

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A University in Your Pocket: Education and Mobile Devices

Univ. of Phoenix Research Institute

Seven out of 10 people worldwide—and 9 in 10 Americans—now own mobile phones. Smart-phones, tablets, and e-readers are not only redefining how we shop, socialize, share, and schedule our lives, but are also profoundly changing higher education. Savvy educators recognize that the gadgets in students' hands are powerful new learning tools, says Dr. Tracey Wilen-Daugenti, Vice President and Managing Director of the University of Phoenix Research Institute and an expert on the future of technology and education.

"Mobile technology makes the whole world the classroom, blurring the lines between the physical and online educational experience," says Wilen-Daugenti. Students can both roam the library stacks and download texts to their e-book readers. They may meet face-to-face with professors, chat with them online, or connect through a social networking site.

With social networking, students have unprecedented access to content and subject mat-ter experts and can initiate conversations in new and wider ways. Social network users make up 59% of online Americans. Half of the world's more than 800 million Facebook users check their accounts daily.

Higher education can leverage this trend to facilitate mobile learning through one-on-one communication, group-based conversations, and public dialogue. Universities can further harness the power of ubiquity by deploying wireless access on campus and developing proprietary apps and networks. These will empower students, alumni, faculty, and staff to simulate traditional campus life and interact in compelling, engaging ways from home, the workplace, and everywhere in between.

Dr. Wilen-Daugenti predicts that as mobile technologies advance, student preferences will increasingly shape how education is delivered. Read the full article, Do Smartphones Make Us Smarter? Educators Can Harness the Potential of New Technologies on the University of Phoenix Research Institute website, http://cdn-static.phoenix.edu/content/dam/alt-cloud/doc/research-institute/Smartphones-make-us-smarter-CHE-Advertorial.pdf.

CALENDAR

- Winter Seminar • January 22-25, 2012 • Palm Springs, CA • Renaissance Esmeralda
  1. Everything IP
  2. 21st Century Skills for IT
- 41st Annual Conference & Exhibition • April 29-May 2 • Indianapolis, IN • JW Marriott
- Fall Seminar • October 14-17, 2012 • Houston, TX • Hilton Americas

Board of Directors 2011-12

Welcome New Members

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The College of Wooster, Wooster, OH. T1
Vincent DiScipio, Director of Digital Infrastructure .... vdiscipio@wooster.edu

University of New Haven, West Haven, CT. T2
Vincent Mangianapa, Assoc. VP & CIO (203/932-7058)........ vmangiacapra@newhaven.edu

Corporate Affiliates

BRONZE MEMBER

Veramark Technologies, Inc., Rochester, NY ....www.veramark.com
Denise chapman, VP Marketing (585/383-6883, dchapman@veramark.com)
Veramark's solutions help reduce operational expenses associated with mobile & fixed communications networks. Veramark solutions for telecom expense management & call accounting drive down costs by eliminating waste, identifying billing errors, optimizing programs for mobile, voice & data communications.

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Check It Out:
Press Releases, Job Postings, RFIs/RFPs, Special Deals, and Corporate Webinars

The ACUTA website is a useful tool for communicating with other members, whether you've got some exciting news to share, a position to fill, or a project for which you need a vendor. Check the website for the latest postings frequently. Here are items that have been posted since our last eNews.

PRESS RELEASES
- Network Achievements at Hardin-Simmons University Featured in eCampus News
- Mutare Announces Simple, Powerful, Low-Cost Message Broadcasting Solution
- WTAMU Selected as the Next 'America's Safe Campus'
- Oberon's Secures Ceiling Enclosures for Extreme Networks Altitude Access Points and MIMO Antennas
- Oberon Secure Ceiling Mounting Solution Designed for Aruba Networks AP-135 Series Access Points
- Superior Essex Names Justin F Deedy Jr Chief Operating Officer and Tim Waldner President
- AT&T Helps Texas School Board Members Track Continuing Education Credits at Texas Association of School Boards' Annual Conference

JOB POSTINGS
Help your colleagues who are looking for work! To send job postings, go to www.acuta.org. Click on one of the jobs listed there and you will link to the jobs we have now and a link where you can post a job.
- Director, ICT Security, University of Saskatchewan, Canada
- Director of Network and Systems Services, Colorado College, Colorado Springs, CO
- Communications Technician, Syracuse University, Syracuse, NY
- Systems Administrator, University of Central Florida, Orlando, FL
- Systems Administrator II, Miami University, Oxford, OH
- Telecommunications Analyst, Rutgers University, Piscataway, NJ
- Senior Consultant, Vantage Technology Consulting Group, New York, NY Operator Service Center Supervisor, Stanford University, Stanford, CA
- Senior Enterprise Applications Systems Administrator, Princeton University, Princeton, NJ
- 2 Positions: Telecommunications Technician, Network Administrator, Austin Community College District, Austin, TX
- 4 Positions - Metropolitan Community College, Omaha, NE

RFIs/RFPs: Submit your RFI/RFP today!

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