Meeting Member Needs with Excellence

The coming year will be very exciting and challenging for ACUTA as we initiate our next strategic plan and undertake the very important mission of creating a new vision for the organization. My theme for this year is Meeting Member Needs with Excellence. To achieve this goal, we will develop a new strategic plan, implement the existing marketing plan, and look for more ways to innovate.

We also need to continue the momentum created in providing additional online learning opportunities which includes the 4 free webinars started this year. This strategic direction came out of the Education Strategic Planning Retreat held in July 2010 and continues as we further develop these important strategies.

1. Develop a Strategic Plan

In today’s economic environment, it is critical that ACUTA exceed member expectations, stay relevant, and continue to be the go-to source of knowledge for all Information Communications Technology (ICT) professionals. Previous strategic plans have been reviewed and updated annually. The first strategic plan was developed in 1992, and the latest was completed in 2007. It is now time to develop a new long-range strategic plan that is forward-looking, visionary, and achievable.

ACUTA has contracted with Covenant Development to facilitate the strategic planning process. Board members, committee chairs, and ACUTA staff will attend a planning retreat in Lexington, Kentucky, the last week in June. We will solicit member input via focus groups and/or telephone interviews and other survey methods. The goal is to come away with a plan that will move ACUTA forward successfully for several years to come.

2. Implement the Existing Marketing Plan

Late last year ACUTA received a lengthy strategic marketing plan from DUX Public Relations. This plan includes a very thorough analysis of all of ACUTA’s products, services, processes, and organizational structure. Some of the tactical action items have been completed; others are still in progress. We need to continue reviewing and implementing the action items identified in the plan to ensure ACUTA is making positive changes and creating a roadmap to a bright future.

3. Look for Ways to Innovate

Innovation is defined as “a positive, significant change that improves the effectiveness or efficiency of a structure, process, program, or idea.” Along with implementing the marketing plan action items, we need to continually look for ways to innovate ACUTA’s products and services

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to better serve the changing needs of our members as technology in higher education continues to evolve. This is a job for not only the ACUTA volunteers and staff but for all ACUTA members. We all need to continue to make this a vibrant and sustainable organization for all higher education ICT professionals.

Thank you for being part of ACUTA. I am open to your ideas, so please feel free to email me at jvh@indiana.edu or contact me the old fashion way—call me at (812) 856-3883. So be part of the journey with me this year, for now the journey begins....

What’s on Your Desk?

“Change” is the name of the game in Florida.

We are converting our current deployment standard from 10/100 to gigabit switches.

We are changing our funding model to allow for the installation of additional network switches at no charge to end consumers by tracking and verifying port utilization (>90% utilization = no charge).

We are changing our current VoIP phone deployment standard from 10/100 phones to gig phones.

And we are changing standards for switch upgrades to PoE to include removing previously deployed phone on local power and moving them to PoE. (Phones are owned by end consumers and manipulation past the wallplate has historically been a user issue. Phones that have local power and are also connected to PoE react unreliably to local power events.)

In addition, we are undergoing departmental restructuring to account for a shift from pushing out centralization of networking management (currently a 7-year process) to just maintaining the networks we now manage (far different demands, less political, and more technical).

And that’s mainly it for now. All the rest I have on my plate consist of normal project grind and maintenance issues.

Two Webinars FREE to Members

ACUTA is offering two free webinars to provide benchmarking data to help you jumpstart planning for your fall semester.

**What’s on the Radar for Higher Ed IT? (Wednesday, July 11, 1:30 – 2:30 p.m. EDT)**

On Wednesday, July 11, you’ll hear from leaders of ACUTA’s Environmental Scanning Committee about the compelling issues you’ll face over the next few years. In a survey of ACUTA members, the committee asked which technologies and issues are important now—and whether they will become more or less important in the future. Will IPv6 become a bigger issue? Will VoIP and unified communications continue to dominate our time? Do we think that accommodating bandwidth expectations will wane in significance? Do your current staff have the skills that will be needed in a few years?

How should you prepare now for the technologies that will be important in a few years? To what extent do CIOs and technology managers have the same timeline in mind? Invite a team from your campus to participate and talk about it afterward.

Register for the July 11th webinar to review the survey results and learn how your institution compares with your peers.

Presenters: Dee Childs, Deputy CIO, Exec. Director of High Performance Computing/Exec. Director of User Support, LSU, and Sam Levy (Vice President for Info. Resources and Technologies /CIO, University of St. Thomas.

**ResNet Trends and Practices in Higher Education (Monday, July 30, 1:30 – 2:30 p.m. EDT)**

On Monday, July 30, you will hear from ACUTA Past-President Joe Harrington, who will report on ACUTA’s first annual State of ResNet Report. An unprecedented perfect storm is forming on the horizon of network technology while IT budgets tighten across the country. With its first study, ACUTA sheds light on current diverse practices, actively contributes to developing standards, and augments the ResNet knowledgebase, better equipping IT administrators to make decisions for the future.

Register for the July 30th webinar and learn statistics on issues such as bandwidth and connectivity challenges, budget and staffing demands, and rising student expectations in the face of ever-changing network standards and technology.

Presenter Joe Harrington is the Director of Network Services at Boston College.
IPv6 Transition: The Time Is (Finally) Here

Jim Metzler, Ashton, Metzler & Associates

Driven by an explosion in the number of connected devices, the Internet is rapidly running out of globally unique, routable IPv4 addresses. Though the industry has been talking for nearly a decade about the need to transition to IPv6, the time for enterprises to make the move might be finally at hand.

The population of Internet-connected devices is projected to grow from six billion today to 15 billion in 2015 because of increases in both the number of users and the number of Internet-connected devices per user—among them computers, TVs, smartphones, tablets, game consoles, smart appliances and smart-grid utility meters.

The free pool of addresses held by the Internet Assigned Numbers Authority (IANA) was depleted in February 2011. And the free address pools previously assigned by IANA to the various Regional Internet Registries (RIRs) are expected to be exhausted by 2013. Soon public IPv4 addresses will become at best scarce; at worst non-existent. It's time for enterprise IT organizations, ISPs, and Web properties such as Yahoo! and Google to address this challenge.

Support for IPv6-Only Newcomers

There are a number of reasons why enterprise networks should support IPv6, including government regulations and mandates, new IPv6 applications, and enhanced security. However, for most organizations, the transition will be driven initially by the need to provide a full set of services to partners and new Internet users who are accessing the Internet with IPv6-only devices. Such Internet newcomers could become quite numerous, especially as smartphones transition to 4G technologies such as Long Term Evolution (LTE).

Enterprises can deliver Web services to IPv6-only clients by providing Network Address Translation (NAT) 64 and Address Family Translation (AFT) functions in routers, load-balancing devices or other types of reverse proxies. AFT involves the translation of an address from one IPv6 address family to another. NAT64 refers to the bidirectional translation between an IPv6 address and an IPv4 address when the initiator is on the IPv6 side. Another translation function, NAT46, applies when the initiator is on the IPv4 side.

Enterprise employees will soon need access to new IPv6 content and services appearing on the Internet. If the ISP does not provide NAT46 services, it might be sufficient initially to use dual-stack application proxies for email and Web access in conjunction with IPv6 access. One way to accomplish this is that, as the ISP begins to support IPv6 routing, each existing subscriber can be issued a routable IPv6 address block in addition to his routable IPv4 address block or shared IPv4 address. The subscriber's end systems would then select the appropriate stack with which to connect to another computer on the intranet or Internet.

Intranets Can Keep Using IPv4 for Years

In general, IPv4 address exhaustion will not affect operations within the enterprise intranet; users can continue to access internal applications using IPv4 for years after the Internet transitions to IPv6. An exception might be where an enterprise uses a small block of public IPv4 addresses in its intranet and then finds that it needs a large number of additional addresses to accommodate new employees.

This problem could be solved by either a transition to IPv6 or a transition to a private IPv4 address with the use of NAT. The latter approach might not be the best choice in instances where the enterprise wants to leverage certain applications, such as Microsoft Windows 2008 Clustering, that run on IPv6 by default. On an IPv4 network, this class of application would typically...
tunnel the IPv6 through IPv4; tunneling, however, would reduce the ability of network management tools to monitor and control traffic.

Transition Will Happen: How to Get Started

After so many years of discussion without an actual transition to IPv6, some might think that the transition will never happen. That would be a mistake. At a minimum, IT organizations need to plan for how they will support IPv6 when the need arises. A key part of that plan is to begin acquiring only equipment that supports IPv6.

Organizations wanting to be more proactive in their IPv6 transition can start by establishing a Web presence on the IPv6 Internet by acquiring a block of routable IPv6 addresses to be used in their Internet-facing data centers. It would need to configure IPv6 routing on the enterprise's routers and possibly on other layer 3 devices in those data centers, as well as enable IPv6 on the front end of all Web servers.

Board Report

The Board met on April 28 at the Annual Conference and approved the following items:

- The consent agenda, including the March 2012 financial statement, monthly committee minutes and reports, and ratification of the 4/4/12 electronic vote
- Appointment of Melody Childs, LSU, as Chair, Environmental Scanning Committee
- Committee appointments
  1. Legislative/Regulatory Affairs Committee: Art Leible, Delaware State Univ.; Holly King, Northwestern Univ.; Ed Quinn, Ohio State University
  2. Ambassadors Task Force: Chair, Carmine Piscopo, Providence College
  3. Social Networking, New Media & Web Resources Subcommittee: Chair, Janice Bundy, UCLA
- Membership recruitment report
- Program topics for 2013, as follows:
  1. January 2013, Tampa: Track 1. Next Generation Data Networks; Track 2. ICT Disaster Preparedness: Plan, Prepare, Practice, and Protect
  2. October 2013, St. Louis: Track 1. Turning ICT Service and Support into a Strategic Asset; Track 2. All Things Wireless, Mobile, and Cloud

Committee chairs reported the highlights of their activities in 2011-2012 administrative year.

The Board reviewed ACUTA Event Planning Strategy, which explains current site selection process for Seminars and Conference, and reviewed ACUTA financial projections over the next five years.

The Board met with Phil Goldman to review E&I (Educational and Institutional Cooperative Purchasing) offerings and benefits for potential partnership and marketing collaboration.

The Board discussed the recent Internet 2 announcement regarding their partnership with Level 3 and Aastra for IP-hosted solutions; and possible ACUTA involvement with this project.

The Board reviewed potential marketing collaboration with ResNet.

The Board met with Doug Bruce from Covenant Development to prepare for the upcoming Strategic Plan retreat in June.

Respectfully Submitted,
Riny Ledgerwood
ACUTA Secretary/Treasurer

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Social Intelligence: Bringing the Human Touch to the Online Workplace

James M. Fraleigh, Apollo Research Institute

Social technologies have introduced novel ways to form relationships online, but the instantaneous nature of having a status update “liked” or retweeted might make these interactions seem deeper than they are. As social networks become integral to the work world and we partner with clients and teammates 140 characters at a time, workers must learn to communicate in these virtual spaces with as much nuance and depth as they do face-to-face.

Social intelligence can help establish collegial and productive online work relationships, whether the goal is to collaborate with overseas colleagues, launch an organization’s Facebook page, or simply build a professional reputation. This ability to make meaningful connections both online and in person will become a key workforce differentiator. In fact, Future Work Skills 2020, a report by Institute for the Future for Apollo Research Institute, pinpoints social intelligence as one of 10 key proficiencies required for success during the next decade. (Link for report title: http://apolloresearchinstitute.com/node/52).

As organizations become more global in scope, social intelligence will help match disparate virtual workgroups with best-fit roles. Already online bidding sites and work platforms like Elance and oDesk help pair jobs with freelancers. Likewise, “microworkers”—distant collaborators skilled at breaking major projects down into smaller tasks—are completing functions like programming, translation, and data analysis in far less time than a single employee. Distributed networks of talent, in which a small number of permanent workers manage independent professionals who are brought onboard as new initiatives demand, will be a rising trend.

Cultivating these ad hoc teams, and ensuring that they perform in a cohesive manner, will require cultural sensitivity and a grasp of how to motivate and reward people for each stage of work—a process inspired by the psychology behind online games. Managers of remote team members might eventually structure projects as a series of periodic challenges that keep workers focused on reaching goals, while also promoting strategic interaction to keep teammates engaged.

Beyond collaborating with distant coworkers, social intelligence will also instill some much-needed soul into cyberspace. Humans’ inherent empathy will be a competitive strength as machines and computers automate rote tasks. Robots and artificial intelligence currently assist with medicine, manufacturing, and education, but the ability to feel hasn’t yet been duplicated. Only a person can provide leadership, encouragement, and that unmistakable spark of presence behind an avatar or chat window.

In the decade ahead, socially intelligent workers will find innovative ways to make a weekly Yammer chat or “tweet-up” as inviting as an impromptu strategy session in the local coffee shop.

Learn more at www.apolloresearchinstitute.org.

Annual Dues Reminders Mail July 3

Annual dues invoices mailed May 1 and are due by June 30. Reminders will be in the mail July 3. If you haven’t already responded, please renew your membership today.

In addition to the finest professional network available to higher education information communications technology professionals, benefits such as discounts on events, free webinars, access to important legislative and regulatory information, the quarterly Journal and monthly eNews, ACUTA offers volunteers leadership opportunities to help you develop new skills and advance your career.

Mail your check today or call ACUTA headquarters at 859/278-3338 for more information.
Info Links

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.

- Public Knowledge – Role of Data Caps/Usage Billing on Internet:
- USTelecom – Increased capital Spending on Broadband:
- ITU – The Broadband Bridge – Linking ICT With Climate:
  http://www.broadbandcommission.org/work/working-groups/Bridge.aspx
- ITU – World Telecom & Information Society Day:
  http://www.itu.int/en/wtisd/Pages/default.aspx
- ITU – Privacy in Cloud Computing:
  http://www.itu.int/dms-pubitu-t/oth/23/01/T23010000160001PDFE.pdf
- Webtitorials – 2012 Impact of SIP in the Enterprise:
  http://www.webtitorials.com/content/2012/03/2012-economic-impact-of-sip-in-the-enterprise.html
- UC Berkeley – Mobile Payments...Benefits/Privacy Concerns:
- LSE – Superfast Broadband for the U.K.:
  Summary:
  Full Report:
- FCC – Prepaid Calling Cards:

Select Sessions from Conference Streamed

ACUTA streams select sessions from the Conference right to your iPad, Android tablet, or Windows or MAC computer. The session streaming includes synced presenter slides that advance automatically with the presentation. Sessions that were recorded include:

- Above Campus Services: A Leadership Agenda
- Making Dollars and Sense Out of Cloud Computing
- Building a Large-Scale Campus DAS
- Translating Techie Talk for Your Clients
- Leveraging Immersive Technologies
- Project-Planning Workshops: Key Factor to Project Success
- Transforming Campus Roadmaps
- IPv6: It’s NOT Just about Internet Protocol Addresses.

Streaming can be ordered for $149 from the ACUTA store. For more information or to purchase, go to http://www.acuta.org/sc12spurchase.
Welcome New Members

Institutional Member
Luther Seminary, St. Paul, MN
Edward Wilder, Sr. Director of Technology (651/641-3586)............. ewilder001@luthersem.edu

Corporate Affiliates
Copper Member

Dura-Line Corporation, Knoxville, TN.................................................. www.duraline.com
Tim Grimsley, V.P. Sales, 800/847-7661 (moreinfo@duraline.com)

Microproducts & fiber deployment systems. Microproducts are the future of fiber deployments for any campus network. Expansion opportunity for the future at the lowest deployment costs.

e-Cycle, LLC, Hilliard, OH................................................................. www.e-cycle.com
Paulie Anthony, Dir. of Marketing, 614/345-2369 (paulie.anthony@e-cycle.com)
e-Cycle, the world's only e-Stewards® & R2-Certified mobile buyback/recycling company, adheres to the highest global standards for environmental protection/data security. e-Cycle purchases used mobile devices & utilizes rigorous data sanitation and quality assurance testing/auditing. End-of-life devices are recycled at no charge.

Siemon, Watertown, CT................................................................. www.siemon.com
Jennifer Overbaugh, Events Coord./Mng. Planner, 860/945-4256 (jennifer_overbaugh@siemon.com)
Siemon is an industry leader specializing in the manufacture & innovation of high quality, high-performance network cabling solutions. Siemon offers the most comprehensive suite of copper & fiber cabling systems available.

SonicWALL, San Jose, CA................................................................. www.sonicwall.com
Louise Crawford, Sr. Dir., Global Programs, 408/962-6249 (lcrawford@sonicwall.com)
Guided by its vision of Dynamic Security for the Global Network, SonicWALL® develops advanced intelligent network security & data protection solutions. SonicWALL solutions are designed to detect & control applications & protect networks from intrusions & malware attacks through award-winning hardware, software & virtual appliance-based solutions.

Telchemy, Inc., Duluth, GA................................................................. www.telchemy.com
Mina Chan, Vice Pres., Marketing Operation, 678/387-3000 (mina.chan@telchemy.com)
Telchemy provides advanced performance management applications for VoIP and videoconferencing, with distributed agent-based architecture for end-to-end management. Products include scalable management applications for service, service, and SLA reporting, embedded active test and passive monitoring agents, and probe applications.

Check It Out:

Press Releases, Job Postings, RFI/RFPs, Special Deals, and Corporate Webinars

The ACATA website lets you communicate with other members—share some exciting news, fill a position, or find just the right vendor. Check the website for the latest postings frequently. Here are items that have been posted since our last eNews.

PRESS RELEASES

• Mutare Now Supports Text Notification on Avaya IP Phones
• Nuvance's Dragon Voicemail to Text Powers Mutare's gSTT Enterprise Messaging Software
• Avaya Expands Range and Reach of Collaborative Learning Opportunities in Higher Education
• Crown Castle Completes Acquisition of NextG Networks
• Crown Castle Announces Agreement to Acquire NextG Networks
• Internet2, Aastra and Level 3 Communications Collaborate to Deliver SIP Voice Services to U.S. Colleges and Universities

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.

• Associate Network Systems Engineer, Boston College, Chestnut Hill, MA
• Senior Software Engineer-Identity and Access Management, Univ. of Texas at Austin
• 2 Positions: Syracuse University, Syracuse, NY: Telecom Analyst, Communications Technician
• Senior Engineer, University of Maryland, College Park, MD
Indianapolis—Were You There?

If you missed the Annual Conference, you can still benefit from the presentations. Eight sessions are videostreamed and available for viewing at your convenience. Get details on page 6 of this eNews.

Networking happens—here, there and everywhere!

Educational sessions come with a proven ROI.
Excellence Deserves a Reward!

From left: President Joe Harrington presented the Bill D. Morris Award to Carmine Piscopo, Providence College. Jeanne Jansenius, from Sewanee: The University of the South, won the Ruth A. Michalecki Leadership Award. Arthur Brant, from Abilene Christian University, won the first annual Jeri Semer Volunteer Recognition Award.

Institutional Excellence Award winners

Four schools were recognized in the competition for ACUTA's Institutional Excellence Award (from left above):

1. San Diego State University, represented by Riny Ledgerwood
2. Indiana University, represented by Dennis Cromwell
3. Elon University, represented by Arif Khan, Christopher Waters, and Michael Thompson
4. Wagner College, represented by Paul Liu, Frank Cafasso, Anthony Spina, and Dilawar Grewal

Also pictured here are former ACUTA President Matt Arthur, Immediate Past President Joe Harrington, and Larry Foster from Windstream, sponsor of the awards.

Happy ACUTA Anniversary!

Celebrating membership anniversaries this year were Jesse Miller, Jerry Krawczyk, Simeon Ananou, Carolyn Trail, Kevin Proot, Steven Fejdasz, and Mark Wehrle, all 10 years; Marci Payne, 5 years; and Connie Grimes and Terry Meredith, 15 years.
Everyone’s a Winner at the ACUTA Conference!

Everyone finds good ideas at the ACUTA Conference, but lots of attendees take home some wonderful prizes as well. We listed lots of winners each day in the Daily News we distributed in Indianapolis, but here are some that happened at the end of the event. Prize donors are shown in parentheses.

- Jeff Baker, Frontier Nursing Univ.: Kindle (WTC Consulting); $100 Amazon Gift Card (CEECO)
- James Tucker, Park Univ.: Jabra EXTREME2 Wireless Bluetooth headset with car charger (Jabra); Kindle Fire (Telchemy)
- Christine Mulvey, Marist College: Plantronics Savi 740 headset and a $15 Starbucks gift card (Black Box Resale Services)
- Ed White, North Carolina Ag & Tech State Univ.: Jabra STONE2 Special Edition Wireless Bluetooth headset (Jabra); Flip video recorder (Crown Castle)
- Tirian Wilson, Liberty Univ.: M9 Complete Set (snom technology); $100 American Express Gift Card (Conveyant Systems)
- Gary English, Purdue Univ.: Samsung HD LCD 19” TV (Comcast Business Class); autographed copy of Worth Remembering (David Zach)
- Marsha Benson, Univ. of Idaho: Nokia Lumia 900 Smartphone (AT&T)
- Pat Power, Dalhousie Univ.: One complimentary registration to the 2013 ACUTA Annual Conference (ACUTA)
Thanks to Exhibitors and Sponsors at the Annual Conference

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

911 Enable  Cloudpath Networks  Jabra
Aastra  Code Blue Corp.  Listen Technologies Corporation
Acme Packet  Comcast Business Class  SonicWALL
ADTRAN  Common Voices  Sprint
AirWatch  CommediaTech Services  Stoneware
Alcatel-Lucent  Conveyant Systems  Superior Essex
Imerus Technologies  Crown Castle  Syn-Apps LLC
Jet Communications  DAS Simplified  Talk-A-Phone Co.
American Tower  Dura-Line Corp.  TE Connectivity
ANS Advanced Network Services  e2Campus By Omnilert  Telchemy
Apogee  e-Cycle  The VIA Group
Aruba Networks  Enterasys Networks  VALCOM
AT&T  Ericsson  Vantage Technology
Avaya, Inc.  eTelemetry  Verizon
Avcomm Solutions  ExteNet Systems  Windstream
AVST  Front Porch Digital  WTC Consulting
Black Box Resale Services  Fujitsu Network Communications  Xirrus
Bluehost  GAI-Tronics Corporation  SynchroMax
Campus Televideo  GBH Communications  Syn-Apps LLC
CDW-G  GENBAND  Talk-A-Phone Co.
CEECO  Graybar  Syn-Apps LLC
Ciena Corporation  HP Networking  Superior Essex
Cisco Systems  Infinite Conferencing  Syn-Apps LLC

Correction from Annual Conference

In our Company Profiles distributed at the Annual Conference, the description for Sentri was incorrect. Here, with our apology, is the correct information about Sentri.

Sentri, a Microsoft Gold Partner, is a leading provider of information technology consulting and managed services. Sentri is a full-service solutions integration company, focused on the synergy of business and technology. We work with our customers, assess their IT environment, recommend the best course of action, develop a process, test and deploy and manage and support. We currently offer our clients a breadth of Microsoft-based solutions to help organizations ignite the power of the Microsoft platform.
Annual Banquet: Fun, Food, and Fine Friends

Adrienne sings with the band

Making the Last Day Count

See you in Houston this October
...Tampa in January
...San Diego in April!