8:30 AM   May 18, 2010

May 18 Business Advisory Phone Conference Meeting

Present on the phone: Ann Beheler, Pam Betts, Ann Blackman, Carolyn Corbin, Karl Dietrich, Ernie Friend, Bill Gaught, Ron Halbach, Elizabeth Halweg, Dan Heighton, Julie Hietschold, David Keathly, Warren Knox, Cherylee Kushida, Eliazar Martinez, Jim Meeks, Lenny Portelli, Bette Plog, Jonathan Pulling, Candy Slocum, Earl Simpkins, Gordon Snyder, Doug Spindler, Helen Sullivan, Greg Teets, Patti Tenenbaum, Pierre Thiry, Scott Veibell, Glenn Wintrich

Agenda:

1. **Welcome and Introductions**
   - **Helen Sullivan from CTC** took roll of attendees.
   - **Ann Beheler from CTC** introduced herself and Gordon Snyder from the NVC, who spoke first regarding the NVC report.

2. **National Visiting Committee Report**
   Gordon Snyder applauded the accomplishments of the CTC for the past year and reviewed a few recommendations of the committee, including:
   - **Apply for a National Center grant**
   - **Consider a "branding" change, including a new name**-**Scott Veibell** suggested including the word "communication" as that is a fundamental focus of the center. Glenn W. agreed and added how important machine-to-machine communication will be in the coming years.

3. **Business and Industry Trends**
   - **Glenn Wintrich from Dell** spoke first on his view of current industry trends: Centralized Data Centers and Telephony, Telepresence and Video Conferencing, Mobile Devices incorporated into unified communication, *push* data information technology, and IPv6.
   - **Ron Halbach**: Spoke about the growing applications from Apple and other tablet based devices that will eventually become a big part of mobile communications. Glen W. mentioned that a soft phone with (Blue tooth) and IM capability will be soon be added to enhance the product. Ron suggested these mainstream consumer products will move into the business markets when the security protocols can be established-especially in legal and medical fields.
   - **Bob Spindler from Diablo Valley Community College**: Inquired about current industry movement to IPv6 structure, including firewalls, security, and next generation live servers-called transitioning technologies. Glenn responded that students will need to become architects of the process, incorporating a checklist for testing these technologies for best practices in becoming more centralized and standardized.

- **Ron Halbach**: Ron stressed the integration with Office Communications Server (OCS) in creating hybrid solutions and interoperability between many of the industry's technology. Glenn suggested a small break-out session to discuss the old Nortel system to Avaya, Session Initiation Protocol (SIP) trunking and WAN optimization. He asked that topics for the next BAC in August include an Efficient Data Center and SIP Trunking.
- **Scott Viebell of Cisco** made a point that in the near future, there will be a need for 5 times the bandwidth currently utilized today. He suggested that the current volcanic ash natural disaster indicates the need for virtualization. Glen added that curriculum should move toward virtualization.
- **Doug Spindler of Diablo Valley Community College** asked if any of the businesses had a pulse on the need for certified cable terminators as well as the use of SharePoint. Glenn mentioned SharePoint being a larger part of OCS and that in the future, will be used for document management.
- **Karl Deitrich of Lansing Community College** asked about Microsoft OCS being a full course in curriculum or just an intro. Glen commented that maybe just an intro.

4. **Mentored Colleges**
   - **Helen Sullivan of CTC** described an overview of the new mentored colleges added since the last BAC meeting and introduced the ones on the phone conference. Helen pointed out some of the accomplishments of several of the colleges, including a new convergence lab at Santa Ana, a completed externship for Greg Teets with Clark State, and Lansing Community College's collaboration with the Michigan Technology Network. Helen provided a progress report and enrollment numbers to indicate the success many of the colleges are having in recruitment, especially City College of San Francisco and San Jacinto.

     Helen also reported that several mentored colleges will be attending the Synergy conference at the end of June. This conference will provide training for participants in scaling program nationwide for mentored colleges.

     There will also be a special mentored college meeting on July 11, the day before Working Connections begins. This will allow the colleges to network, share ideas and continue their "community-of-practice".

5. **Curriculum Development and Updates**
   - **Ann Beheler of CTC** reported on the updating and revamping of several curricula, including Convergence, Wireless, Advanced VoIP, and Lynks-based labs.
   - **David Keathly of UNT** commented that he and Dr. Ryan Garlick of UNT are creating a mobile devices curriculum/platform that utilizes many of the popular applications. Glenn W. had a contact as a good resource for them.

- **Glenn Wintrich** suggested an ongoing small group meeting that plans and reviews the updates and progress of industry certifications.

6. **Conferences**
   - **Helen Sullivan of CTC** reported on the upcoming industry conferences, including NISOD at the end of May, Synergy at the end of June and HI-TEC in July, which has 25 CTC people attending.
   - **Bill Gaught of Seminole State College** offered to help or assist with any details or preparations for HI-TEC in Orlando as Seminole State is in Sanford, just north of the Orlando area.
   - **Ann Blackman** reported that the Working Connections IT Faculty Institute has less than 20 spots open. The tracks offered this year include CISSP Security Prep, Online Course Development, using Social Media in the Classroom, VMWare, and Wireless Security.

7. **Summer Events and Activities**
   - **Bette Plog of El Centro** discussed El Centro's upcoming eXtreme Techno Camp that is occurring during June as well as the programs that Eliazar Martinez is conducting at El Centro's west campus.
   - **David Keathly of UNT** explained this year's Robocamps occurring in June and July. This year includes expansion into the middle school age range as well as training high school teachers that will then conduct their own Robocamps.
   - **Candy Slocum of Interlink** offered a list of career and technical directors for regional school districts if needed.
   - **Ann Blackman of CTC** reported on the Hispanic recruitments activities that have occurred in the last semester and continue through the month with Plano and Frisco ISDs. Ann also commented on the success of the April 23 TechKnowFire event and that the keynote speaker, Cali Lewis, wore a Collin T-shirt on GeekBrief tv podcast #749.
   - **Carolyn Corbin** commented that based on her predictions, a Hispanic recruitment model could be utilized nationwide in the coming years, especially with immigration reform and the possibility of 30 million Hispanics quickly added to the U.S. population. Ann Beheler will contact Carolyn to become involved in future discussions on this topic.

8. **Next Meeting**
   - **Ann Beheler** suggested August 17, 2010 for the next phone-in conference for BAC. In addition, the next face-to-face meeting will occur Thursday, November 4, the day before the Green IT Summit.

9. **Actions Needed**
   - **Set up a break-out session meeting regarding Nortel curriculum with Glenn Wintrich, Ron Halbach, college faculty member and CTC staff representative.**
   - **Set up a break-out session with a "Tiger Team" from BAC to discuss WAN Optimization**

- **Plan a review of certification progress and updates**
- **Include Efficient Data Center and SIP trunking as topics for next BAC meeting**