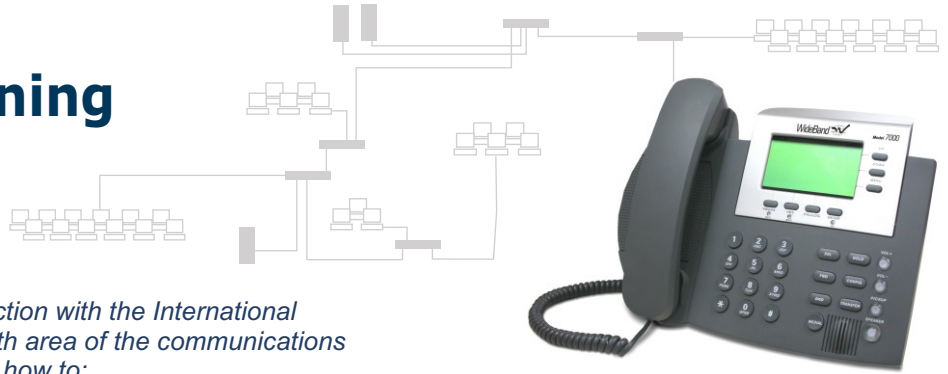


WideBand VoIP Certification Training

April 22 - 23, 2008
Independence, Missouri



Join us for certification training in conjunction with the International Academy of Science on the hottest growth area of the communications industry, Voice over IP. Attend and learn how to:

- > Build reliable WideBand Voice over IP networks with interconnection to other offices and to PSTN
- > Configure and customize WideBand Digital Phones and WideBand Digital PBXs
- > Integrate existing phones into WideBand VoIP
- > Use important codecs and protocols including SIP
 - > Manage WideBand network equipment and avoid common pitfalls on implementation
 - > Optimize voice quality



VoIP Technology

The Voice over IP market is expected to exceed \$30 billion dollars this year with rapid growth from year to year. Though the technology has greatly matured in recent years and months, organizations must proceed with care to avoid the quality problems that plague many implementations.

Latency

When a packet is sent across a network, it takes a certain amount of time to pass through each switch or router in the path. When the aggregate of this time becomes too great, the call quality deteriorates and the sound becomes choppy or is lost altogether. Many users have learned by experience that not all network equipment is created equal and that the design of the network can greatly affect voice traffic even though the bandwidth utilization is relatively low.

Quality of Service (QoS)

Adding voice and other streaming media to client/server networks can be problematic due to the spikes in bandwidth utilization caused by file transfers. When implemented correctly, enterprise-class QoS features in network management can greatly reduce these issues by prioritizing the traffic sent over network links.

Power-over-Ethernet (PoE)

Deploying feature-rich phones throughout the network is easier with PoE implemented to carry the phone power over its Ethernet cable. However, care must be taken to not mix incompatible equipment in order to avoid possible damage to expensive gear.

These and other crucial points will be covered in this class to help attendees become proficient in implementing VoIP technologies.

Implementing Key Features

This training will provide hands-on experience on how to take advantage of many features including:

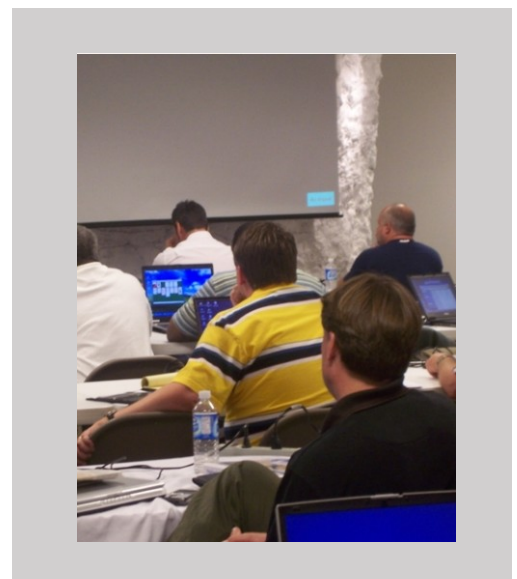
Call Forwarding – Important calls can be forwarded from extension to extension or even to a cell phone.

Automated Attendant – Even a small business can gain an enterprise-class appearance with timed voice menus and direct extension dialing.

Email Voice Mail – No more dialing into old systems. Voice mails can be sent automatically to the appropriate email addresses.

Call Parking – Got a call for someone else? Park it and let the intended caller pick it up on any of the office phones.

Music On Hold – Select or even record an mp3 to be played for callers on hold.



WideBand® 

www.wband.com – Sales: (888) 663-3050
Customer & Technical Support: (888) 220-4020

Dates and Times

Tuesday, April 22

Training begins at 8:00 a.m.

Training – 8:00 a.m. to 12:00 p.m.

Lunch and Learn – 12:00 p.m.

Training – 1:00 p.m. to 5:00 p.m.

Open Lab – 7:00 p.m. to 9:00 p.m. (Optional)

Wednesday, April 23

Training – 8:00 a.m. to 12:00 p.m.

Lunch and Learn – 12:00 p.m.

Training – 1:00 p.m. to 5:00 p.m.

Training ends at 5:00 p.m.

Open Lab – 7:00 p.m. to 9:00 p.m. (Optional)

Note: Attendees need to bring a laptop with a LAN port for the class.

Location: The training will be held April 22-23, 2008 at the International Academy of Science, 26900 East Pink Hill Rd., Independence, MO 64057.

Accommodations: Econo Lodge, 1110 N. 7 Hwy., Blue Springs, MO 64014.

For room reservations, call 816-229-6363. Mention the International Academy of Science training to receive the preferred rate of \$39.99, which includes breakfast and high speed Internet.

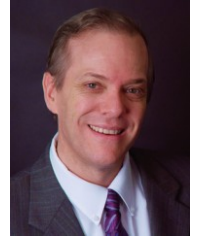
Registration

To register, please contact the WideBand Marketing Department at 888-663-3050 or register online at: www.science.edu/widebandvoip.



Course Instructor

Dr. Jay Potter, International Academy of Science, is the primary instructor for the conference. Dr. Potter has many years in networking experience. Most recently Dr. Potter has contributed to the development of the Acellus Learning System, an electronic system designed to help schools and students realize higher academic achievement. He is also a co-author of the book "WideBand Networking".



Training Feedback

Here is what other attendees are saying:

Tremendous training sessions. Each of the instructors were excellent communicators. John's sense of humor was infused to keep things entertaining. If all of my teachers had been like Jay, I would have become a professional student. Great job bringing the concepts together to make sense of everything. Wonderful staff and facilities!

– Mark Zehr, A+ to Z Computers in Punta Gorda, FL

A great opportunity to gain a wealth of networking knowledge in just a few class hours. A great forum for networking solutions. Great hands-on.

– Greg Russell, CCN Inc in Roswell, NM

You were able to take and make a complete novice to the field understand and complete the training. Excellent job!

– Stacy Weible, Athena Communications in Merriam, KS

The training with the hands-on lab helps tremendously. I especially like the one on one after hours. It helps with the understanding of network fundamentals. The non-disruptive atmosphere helps you focus on the product and its functions. Jay and John break down their lectures to their simple level. Keep up the good work!

– Hector Yanez, HEXNET Wireless in Austin, TX

Hands-on opportunity was awesome! A great way to communicate a potentially difficult series of concepts. I came, saw, I passed the tests!

– Kris Pihl, Kaico in Tualatin, OR

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