



IEEE Computer Society/Aerospace & Electronic Systems  
Joint Chapter Meeting

# Internet Dial Tones & Firewalls: One Policy Does Not Fit All



Mr. Robert Gezelter



**Date/Time:** Wednesday, March 24, 2004 at 5:30 PM

**Location:** ENB 109 (Engineering Building II), University of South Florida  
4202 East Fowler Ave, Tampa FL 33620  
(Check website [www.weiquality.com/fwcs-meetings](http://www.weiquality.com/fwcs-meetings) for room location.)

## **Abstract:**

The popular image of the corporate firewall is a “gatehouse” guarding the corporate network, implying a single security domain. Today’s corporate security realities are, however, far more subtle. Once past the “gatehouse”, organizations are not monolithic security domains populated by indistinguishable individuals. Contractors, joint ventures, transient technicians, special access projects, and others all play a role in today’s organization. Each aspect has its own needs (and limitations) for Internet and Intranet access.

The challenge is to provide each of the many constituencies with secure access while accommodating their inevitably conflicting rights, responsibilities and needs. In short, an organization must ensure internal security and regulatory conformance, while still allowing staff, salesmen, and contractors appropriate access to internal and external systems as needed.

The needs and requirements of typical constituencies will be examined. Ways to maintain ease of use and its attendant reduction in Total Cost of Ownership (TCO) will be explored. Our review will include the benefits and limitations of firewalls, SSL, HTTPS, VPNs, proxy servers, authentication, and WiFi (802.11a/b/g).

## **Biography:**

Robert Gezelter, CDP, Software Consultant, guest lecturer and technical facilitator, has more than 25 years of international consulting experience in private and public sectors. Mr. Gezelter is a regular guest speaker at technical conferences worldwide such as HPETS (formerly DECUS). Mr. Gezelter, a Senior Member of IEEE, is based in Flushing, New York.

Mr. Gezelter holds MS and BA degrees from New York University in Computer Science. In addition to his contributions on Internet and WWW Security to *The Computer Security Handbook, 4<sup>th</sup> (and 3<sup>rd</sup>) Editions*, his published articles have appeared in HP’s OpenVMS Technical Journal, Network World, Open Systems Today, Digital Systems Journal, Digital News, and Hardcopy.

## **Reservations:**

Please make on-line reservations at [www.weiquality.com/fwcs-meetings](http://www.weiquality.com/fwcs-meetings) or call Jim Lumia, the Chapter Chair, (813) 832-3501 if you have any questions.

## **Directions:**

From Tampa or St Petersburg, take I-275 North to the Fowler Avenue exit. Head East on Fowler Ave., crossing Bruce B Downs Blvd (30<sup>th</sup> Street), then turn left at the second stop light at the university main entrance on Leroy Collins Blvd. Stop in at the visitor center on your right to pick up a parking pass before proceeding to the Engineering Building. At the first traffic light on Leroy Collins Blvd, make a left onto Alumni Drive, ENB building will be on your right. Parking details and maps are available at [http://isis2.admin.usf.edu/parking\\_services/visitors.asp](http://isis2.admin.usf.edu/parking_services/visitors.asp)