Summary

Verilan, Inc. is providing comprehensive network services for the IEEE 802 November 2010 Plenary meeting at the Hyatt Regency Dallas Reunion Hotel in Dallas, TX. We are pleased to report that after a full infrastructure deployment, one minor issue has been identified and resolved. The network is stable and supporting in excess of 900 unique wireless clients (laptops, smartphones, etc.)

**Issue:** Rogue DHCP server issuing non-functional IP addresses to meeting attendees.

**Resolution:** Verilan’s NOC team detected the MAC address of the rogue DHCP server and blocked it from accessing the network. Problem resolved.

The Verilan Network Help Desk is providing support for all attendees during scheduled meeting hours. All Help Desk support requests have been addressed and fully resolved by the Verilan staff.

The property is fed by a 45Mbps symmetrical DS3 connection to the Internet. We were given full access to the bandwidth, which is shared with the guest rooms and administrative offices. Comprehensive LAN and WLAN infrastructure including managed layer 3 switches were configured and deployed in the MDF, IDF’s and 33 meeting rooms located in the hotel. A total of four IDF’s were interconnected to the MDF via optical links. Network traffic statistics are shown in Figure 1. Internet usage for the last 24 hour period is shown in Figure 2. Internet usage for the last seven days is shown in Figure 3. Internet usage for the last twelve months is shown in Figure 4.
Figure 1. Internet Traffic Statistics

Figure 2. Internet Usage: past 24 hours (CST)

Figure 3. Internet Usage: past 7 days
Network Deployment & Coverage
Verilan deployed 56 enterprise grade tri-modal IEEE 802.11a/b/g wireless access points throughout the Hyatt Regency Dallas Reunion Hotel to provide coverage for all meeting spaces. Verilan is providing both Open and Secure (802.1x) networks to registered attendees. Figure 5. illustrates the location of the WAP deployments.

Figure 4. Internet Usage: past 12 months

Figure 5. Wireless Access Point Deployment Plan