Verilan, Inc. is providing comprehensive network services for the IEEE 802 November Plenary session at the San Antonio Grand Hyatt in San Antonio, Texas. We are pleased to report that after a full infrastructure deployment, the network remained stable and consistent throughout the meeting.

The Verilan Network Help Desk located on the Fourth Floor Foyer provided support throughout the week during scheduled hours. All Help Desk client support requests have been addressed and fully resolved by the Verilan staff.

We utilized two connections provided by the hotel, both of which were combined on the same 1Gbps subnet as the hotel guest room network. These connections performed as expected.

Comprehensive LAN and WLAN infrastructure including managed layer 3 switches were configured and deployed by Verilan in the MDF, five IDFAs and 33 meeting rooms.

Peak inbound Internet bandwidth recorded during this session was on Wednesday morning, at approximately 220Mb/s. Our sustained average was about 80Mb/s throughout the week but as you can tell, there were periods where traffic clearly peaked above 100Mb/s.

Internet usage for the last 24-hour period is shown in Figure 1, and usage for the week is shown in Figure 2.
Figure 1. Internet Usage: 24-hour period (Thursday, Nov. 10, 2016)

Figure 2. Internet Usage: Sunday 11/4/16 – Thursday 11/10/16)
Connectivity & Help Desk Issues

We are pleased to report that there have been no service interruptions and no significant network problems. We did have a report of “sluggish” speeds on Wednesday Nov. 9th, so we conducted speed tests Texas D, as well as adjoining rooms. Our speed tests, AP association counts, and port checks didn’t indicate any actionable items. The results of my speed tests are posted below:

837AM TexA 47d, 49u  
840AM TexD 48d, 12u / 853AM 35d, 22u  
843AM TexE 58d, 19u  
845AM TexF 56d, 35u  
851AM TexB 76d, 81u

Staffing

Questions or comments regarding this report can be addressed to:

James Dishongh  jdishongh@verilan.com

On behalf of everyone at Verilan, I wish to thank you again for your business; it was a pleasure working with you and we hope to have the opportunity to do so again in the future.

Your team in San Antonio:

Bret Plumb  bplumb@verilan.com  
Reid Kells  rkells@verilan.com  
James Dishongh  jdishongh@verilan.com

The network deployment map is shown on the next page.
Network Deployment & Coverage

Verilan deployed a full Gigabit Ethernet LAN, including 56 enterprise-grade tri-modal IEEE 802.11a/g/n wireless access points throughout the IEEE 802 meeting space. Verilan is providing a secure (WPA2-PSK) network for all registered attendees. The location of WAP deployments is shown in Figure 3.

Figure 3. Network Deployment Map