



IEEE 802 Plenary Session

Manchester Grand Hyatt, San Diego

End-of-Session Network Services Report

July 28th, 2016

Verilan, Inc. is providing comprehensive network services for the IEEE 802 July Plenary session at the Manchester Grand Hyatt in San Diego. We are pleased to report that after a full infrastructure deployment, the network operated stably and without any service interruptions.

The Verilan Network Help Desk located in the Palm 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 100Mb symmetrical connections provided by the hotel. These performed as expected.

Comprehensive LAN and WLAN infrastructure including managed layer 3 switches were configured and deployed by Verilan in the MDF, IDF's and 31 meeting rooms located in the Manchester Grand Hyatt convention area. A total of four IDF's were cross-connected to the MDF via Om3 Fiber Ethernet.

Peak inbound Internet bandwidth recorded to date during this session is 100 Mb/s. **The 95th percentile sample inbound data rate measured over the week is 94.3 Mb/s.** Peak outbound Internet bandwidth recorded to date during this session is 69 Mb/s. The 95th percentile sample outbound data rate measured over the week is 32 Mb/s.

Internet usage for the last 24-hour period is shown in Figure 1. Internet usage for the week is shown in Figure 2.

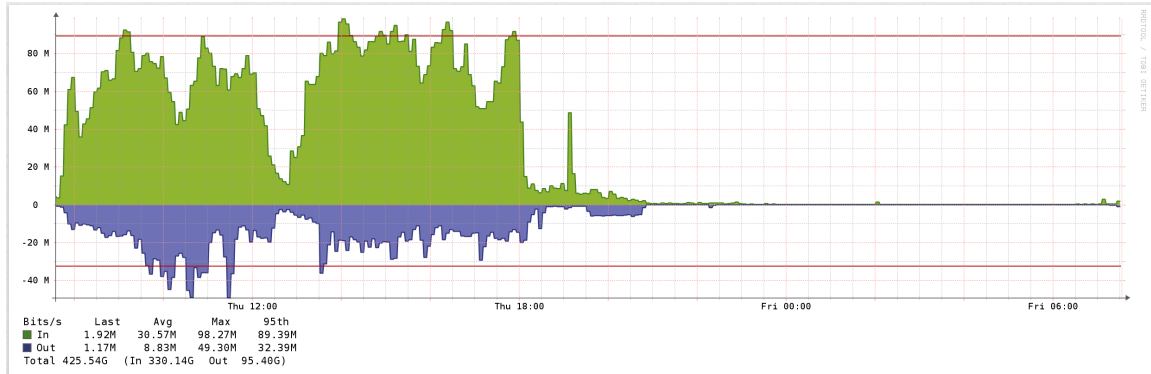


Figure 1. Internet Usage: 24-hour period (Thursday, July 28th, 2016)

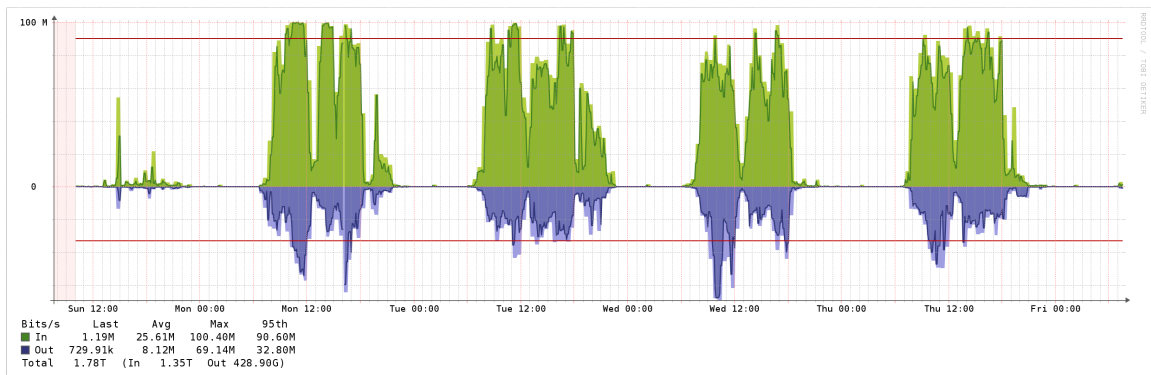


Figure 2. Internet Usage: Current week (Sunday 7/24/16 – Thursday 7/28/16)

Network Issues

We are pleased to report that there have been no service interruptions and no significant network problems or performance issues reported.

Network Deployment & Coverage

Verilan deployed a full Gigabit Ethernet LAN, and 50 enterprise-grade tri-modal IEEE 802.11a/g/n wireless access points throughout the Manchester Grand Hyatt to provide coverage for all IEEE 802 meeting spaces. Verilan is providing a secure (WPA2-PSK) network for all registered attendees. The location of WAP deployments is shown in Figure 3.

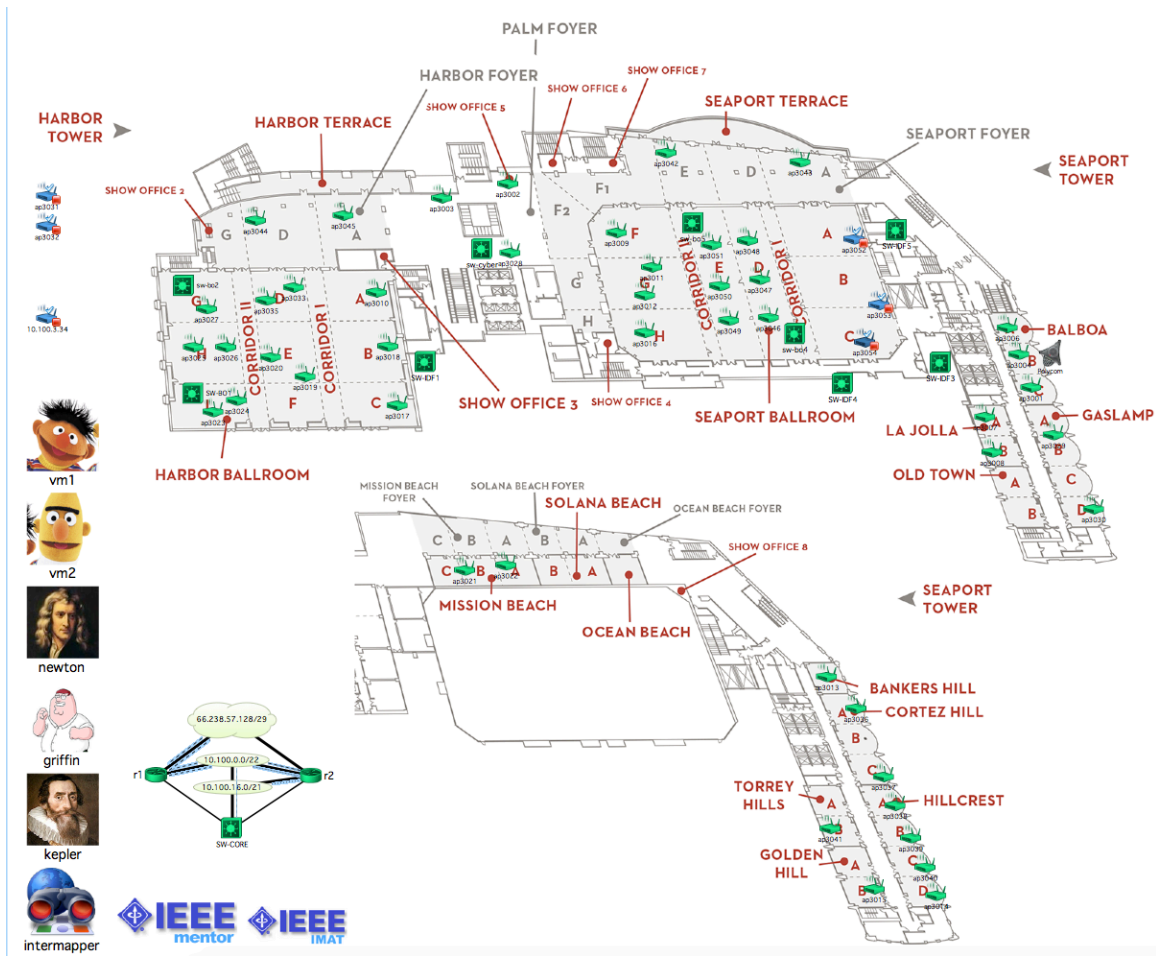


Figure 3. Wireless Access Point Deployment Plan