



IEEE 802 Plenary Session

Manchester Grand Hyatt, San Diego, CA

Mid-Session Network Services Report

July 13th, 2010

Summary

VeriLAN Event Services, Inc. (VeriLAN) is providing comprehensive network services for the IEEE 802 July 2010 Plenary meeting at the Manchester Grand Hyatt Hotel in San Diego, CA. We are pleased to report that after a full infrastructure deployment, no issues have been reported. The network is stable and supporting in excess of 1000 unique wireless clients (laptops, smartphones, etc.)

Issues: None.

Resolutions: not required.

The VeriLAN Network Help Desk is providing support for all attendees during scheduled meeting hours. All Help Desk support requests were addressed and fully resolved by 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 43 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.



Traffic statistics - Tue Jul 13 18:04:00 2010

Interface	Period	Direction	Current rate	Hour	Day	Week	Month
EXTERNAL	Current	In	19.4 Mbits/s	141.9 MB	103.8 GB	214.3 GB	220.0 GB
		Out	2.5 Mbits/s	18.1 MB	23.8 GB	48.0 GB	49.5 GB
	Previous	In		7.8 GB	99.4 GB	5.7 GB	0.0 KB
		Out		2.2 GB	22.1 GB	1.4 GB	0.0 KB
MANAGEMENT	Current	In	32.6 Kbits/s	244.0 KB	489.2 MB	1.1 GB	1.4 GB
		Out	173.4 Kbits/s	1.3 MB	10.3 GB	14.8 GB	16.8 GB
	Previous	In		17.4 MB	384.4 MB	364.5 MB	0.0 KB
		Out		150.0 MB	2.2 GB	2.0 GB	0.0 KB
open	Current	In	2.4 Mbits/s	17.6 MB	23.0 GB	44.6 GB	44.9 GB
		Out	19.2 Mbits/s	140.3 MB	90.6 GB	188.9 GB	191.1 GB
	Previous	In		2.1 GB	21.0 GB	285.0 MB	0.0 KB
		Out		7.4 GB	93.8 GB	2.2 GB	0.0 KB
secure	Current	In	58.7 Kbits/s	440.0 KB	579.1 MB	2.9 GB	3.6 GB
		Out	163.9 Kbits/s	1.2 MB	3.0 GB	10.9 GB	12.2 GB
	Previous	In		60.3 MB	997.5 MB	811.5 MB	0.0 KB
		Out		201.7 MB	3.5 GB	1.4 GB	0.0 KB

Figure 1. Internet Traffic Statistics

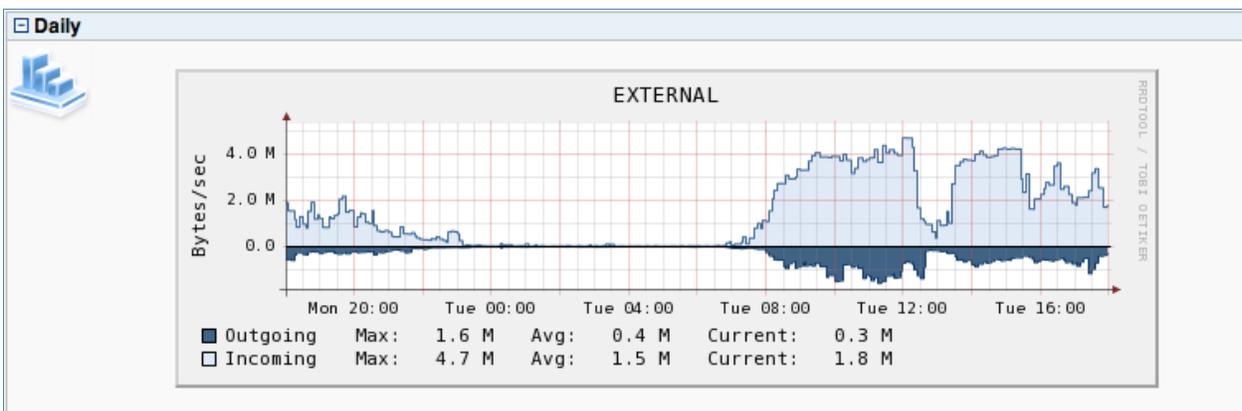


Figure 2. Internet Usage: past 24 hours (PDT)

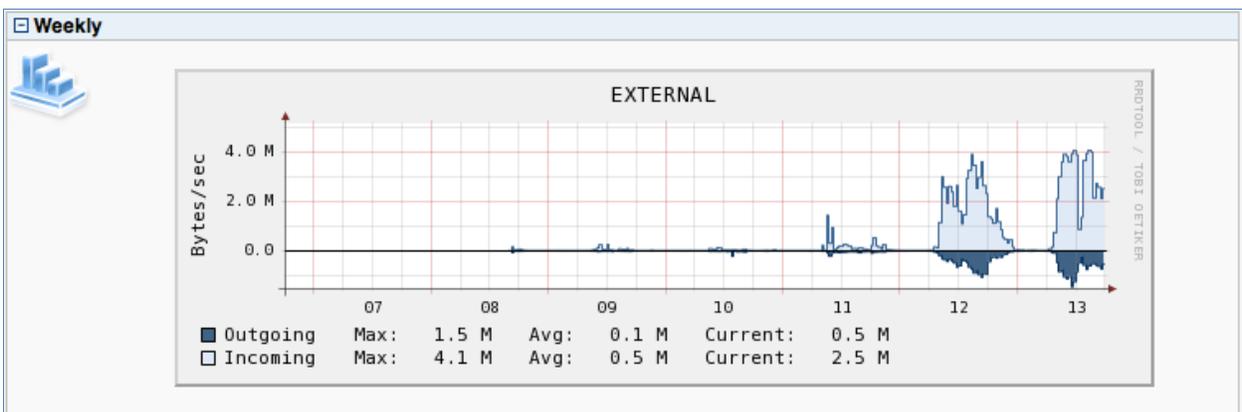


Figure 3. Internet Usage: past 7 days

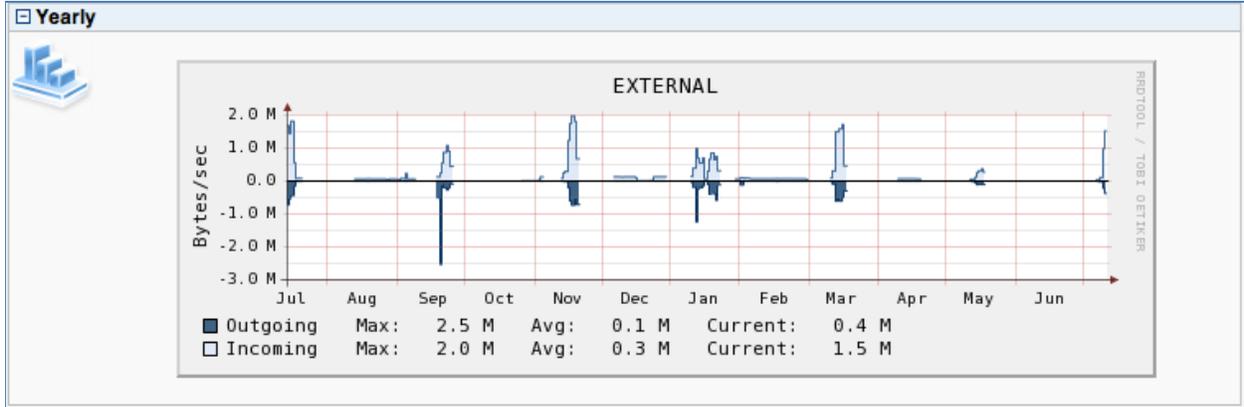


Figure 4. Internet Usage: past 12 months

Network Deployment & Coverage

VeriLAN deployed 57 enterprise grade tri-modal IEEE 802.11a/b/g wireless access points throughout the Manchester Grand Hyatt 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 5. Wireless Access Point Deployment Plan