Remote monitoring is a Sonic Foundry solution that provides the Mediasite Events team the ability to centrally monitor, manage and quickly respond to the needs of Mediasite Recorders in a multi-room recording environment.

Remote monitoring requires an isolated network shared by only the Mediasite Recorders, the Mediasite monitoring server and the Mediasite monitoring and editing workstations. We refer to this network as the isolated monitoring virtual LAN (monitoring VLAN). Network security measures must provide complete isolation of the monitoring VLAN from all other traffic not pertinent to the activities of recording, monitoring and managing the Mediasite hardware and content. Ideally, the monitoring VLAN is comprised of only switches, not hubs, and supports speeds up to 1 gigabit per second.*

*1 Gigabit per second connection required for optimal monitoring results.
**FACILITIES REQUIREMENTS**

- Remote monitoring requires physical space (a “control room”), power and security.

**A typical control room setup requires:**

- Four 6-foot tables
- An isolated 20amp circuit providing conditioned and non-shared power for the Mediasite monitoring server and four monitoring workstations
- An additional and separate 20amp circuit for non-monitoring hardware which staff uses for other activities related to monitoring
- A physically secure environment with the ability to lock and control access to the room when Sonic Foundry staff is not present
- An Ethernet uplink from the physical location of the Mediasite monitoring server and monitoring workstations to the isolated monitoring VLAN. This uplink will cross connect the on-site Mediasite monitoring server and monitoring workstations through a 1 GBPS switch

**NETWORK REQUIREMENTS**

In short, an isolated gigabit-switched VLAN is needed for the on-site Mediasite monitoring server and monitoring workstations. The monitoring VLAN must allow for non-firewalled and unrestricted access among the Mediasite Recorders, monitoring workstations and Mediasite monitoring server. Address space can be assigned or created for the isolated VLAN. Each monitoring workstation, monitoring server and Mediasite Recorder requires an IP address.

**INTERNET REQUIREMENTS**

Direct or firewalled, non-proxy outbound internet access is required by the monitoring server. Internet access will be used to upload recorded content from the monitoring server to the Sonic Foundry network.

The monitoring server requires these network details that will allow access to the Internet:

- An IP address
- Subnet mask
- Gateway address
- DNS address
- Direct Internet access or behind a firewall, but not through a proxy

These Internet traffic types must be allowed:

<table>
<thead>
<tr>
<th>Source</th>
<th>Ports</th>
<th>Destination</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monitoring server IP address</td>
<td>HTTP, HTTPS, TCP/8080, FTP, SSL, SFTP</td>
<td>12.180.228.0/24, 6.9.11.248.0/24</td>
</tr>
</tbody>
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