General Information

Users will be paired up and share a Magnum Server for the training session.

Day 1

Router Startup Functions: Router Control Theory; Winsetup; LED indicators.

- XENON & EQTs
- EQX
- SC500E vs. 4NET Control System.
- How to use and build WINSETUP.
- Magnum Cluster Setup.

Magnum Router Control Basic Use and Maintenance

- ConfigShell Interface.
- Web Configuration Interface.
- Magnum Server addition and license acquisition.
- Device creation and management.
- Routing and Reporting Tools (Quick Routes, Advanced Routes, Multiviewer, Reports, Dashboard)
- VIPX Topology.
- User Management.
- Configuration Management.
- Logs

Lab:

- Config Shell
- Familiarizing yourself with the Magnum Server.
- ADMIN GUI
- Configuration Management
- Users and Groups
- Logs Retrieval
- Simple Device Add and Remove.
- Reloading Configurations / Snapshots.
- System Handouts
Day 2

Router Functions: EMR Audio; EQX Audio; TDM

- EMR & EQX Audio Interoperability
- AVIP/AVOP
- Audio Scalability
- Audio Products
- MONO vs STEREO

Magnum Router Control: Advanced Applications

- Tielines Creation and Management.
- Advanced Routing Configuration (Source Availability, Subscriptions, Mirrors, and Virtual Ports)
- Names Management
- Interface Management (Multi-Profile Panels, Single Profile Panels, Labels, Categories)
- Multi-viewer Setup
- Overview of Multiviewer and Tally
- Virtual Ports; 4K Routing; Audio Routing.

LAB

- Build the system on the handouts.
- Customizable Options.
- Magnum Clustering.
- System Handouts.
Interface Configuration

- Simple/Single Profile Panel base configuration and upgrading.
- Advanced/Multi-Profile Panel base configuration and upgrading.
- MVP and SNMP Configuration of Advanced Multi-Profile Panels.
- Virtual Control panel base configuration.
- VUE configuration.

Third Party Integration

- Quartz Interface Configuration.
- Controls and Customization.
- 7700R-SC-BRC Configuration and interfacing.
- 7700PTX

Advanced Techniques & Configurations

- Tweaks
- Customized mappings
- Debugging/Logging
- MONIT and Logs
- 3067VIP-SDVN

LAB

- System Handout.