



Grass Valley Systems Drive Playout and Quality Monitoring at MNN



CUSTOMER

Manhattan Neighborhood Network, New York

SOLUTION

ICE
Morpheus
Hyperion

The Customer

In operation since 1992, the Manhattan Neighborhood Network (MNN) is one of New York's premier public access networks — giving citizens of Manhattan a powerful voice through the medium of cable television on an open, uncensored, and equitable basis. MNN broadcasts 24/7 on four community access channels that reach more than 620,000 cable subscribers on the RCN, Time Warner Cable, and Verizon FiOS systems. The network also offers free training and certification classes in video production, editing and broadcasting, and its studios, editing facilities, and camera equipment are available free of charge to Manhattan residents. For more information, visit www.mnn.org.

The Challenge

Replace existing automation and routing equipment with new, high-quality redundant digital infrastructure.

The Grass Valley Solution

Manhattan Neighborhood Network (MNN) has chosen Grass Valley's Morpheus playout automation, ICE channel-in-abox, Sirius 128x128 router, and Hyperion monitoring system to drive its new digital broadcast infrastructure.

“The Grass Valley systems are a quantum-leap improvement over our previous automation and routing equipment, which was difficult to program and operate. With Morpheus, for instance, playing out a promo is as simple as dragging and dropping a file.

“I am always happy to recommend Grass Valley equipment for its ease of use and ease of setup, and its ability to work and play with all of the other systems in our operation. The Grass Valley technical support team is truly committed to our success, showing time after time that they're willing to do what it takes to meet our requirements with little or no downtime in operations.”

Hector Pena, Manager of Broadcast Operations, MNN

ICE Key Features

- Advanced 3D graphics
- Content pre-validation
- Dolby E processing
- Audio shuffling
- Audio clip player
- Automated quality control
- Quantum SAN capability for shared storage

Morpheus Key Features:

- Multichannel playout
- Scalable & flexible architecture
- Real-time frame accurate control
- Resilient & fault-tolerant design
- Dynamic device allocation & management
- Complex event support with unique Media Ball Technology
- Powerful new user interfaces
- Seamless integration with an extensive suite of media management applications

Hyperion Key Features:

- True assessment of the value of the signal, not just presence, ideal for unmanned and lowmanning operations
- Reporting of all detected alarms via RollMap Infrastructure Management System or via SNMP to other vendor control and automation
- Integrates with all major video display wall processors to streamline alarm reporting in playout facilities

The Results

The MNN has a well-deserved reputation for being on the technological forefront of public access programming in the U.S. — and it's gotten the attention of public access networks from all over the country for its digital broadcast infrastructure. With Grass Valley's award-winning automation, routing, and monitoring solutions playing such an integral role, MNN has built an operation that is truly a model for delivering top quality experience to viewers in a manner that is as efficient, cost-effective, and reliable as possible.

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