

NewsQ Pro v2.0

Playback Control for Live Studio Production



Grass Valley™ products offer the most comprehensive, multi-format solutions for acquisition, production, storage, and playback—and a strong foundation for centralized, proactive status and activity monitoring.

As part of this broad capability, the Grass Valley Digital News Production Solution touches the entire news production process.

One that works as fast as you do. One that can get stories on air quickly and efficiently. One that can increase the production value of your news content. And one that is more economical than tape-based solutions.

The Grass Valley NewsQ™ Pro system offers highly coordinated news playback from the Profile® XP Media Platform, the M-Series™ iVDR, and the NewsQ manual playback system in live control rooms. Designed for workflow efficiency, the NewsQ Pro system can automatically create and adjust playlists from a MOS-compatible newsroom computer system. It also features an intuitive playback user interface and GPI inputs and outputs to provide remote control of playback.

Highly Coordinated News Playback

The NewsQ Pro system features integrated playback capabilities to deliver the workflow efficiencies that broadcast studio production environments demand.

With its intuitive user interface, the NewsQ Pro system lets playback operators control up to six fully mirrored Profile XP Media Platform system channels or two NewsQ channels using manual or automatic channel assignment. Users can then manage NewsQ Pro playlists manually or via a Media Object Server (MOS) protocol-compatible newsroom computing system.

For example, the NewsQ Pro system includes a MOS-compatible plug-in module so that producers and assignment editors can enter the name, desired duration, and other descriptive information for a story to be created. They can then drag and drop a story into a script to request playback in a rundown, either before or after the story is edited.

To streamline story creation and increase story accuracy, the NewsQ Pro system also makes its playlist available to editors using the Grass Valley NewsEdit™ system. A list of stories to be edited is available as a simple pop-up list on a NewsEdit station. An editor need only select a story, view its associated script, and, after editing, send it to a playout Profile XP Media Platform system—the story's slug, ID, and duration information remains unchanged, improving accuracy and speeding story creation.

NRCS Integration

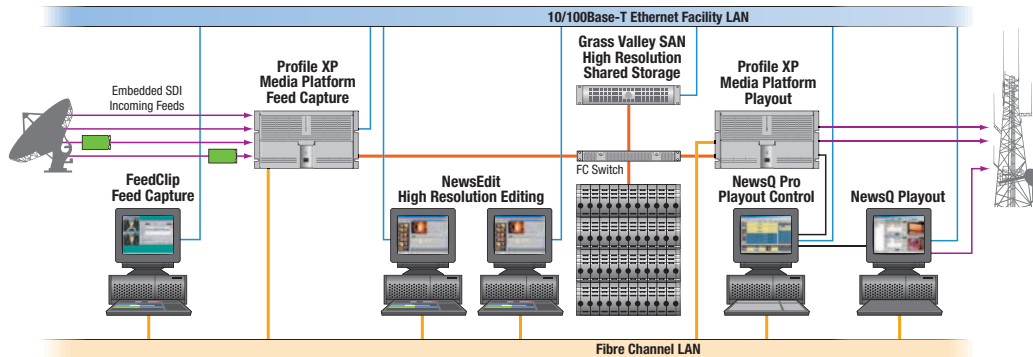
The NewsQ system is compatible with newsroom control systems using the industry-standard MOS v2.6 protocol, such as the iNEWS and AP ENPS systems. And using GPI inputs, users can control a NewsQ Pro system from a Grass Valley production switcher, a button box, or other relay-closure type device.

Standards-Based PC Configuration

The NewsQ Pro system is packaged with and runs on a standards-based, rackmount PC. The reliance on standards-based technologies allows broadcasters to leverage the cost efficiencies of rapidly evolving technologies. This approach makes upgrades easier too, typically involving a simple software upgrade or board swap.

key features

- Up to six-channel Profile XP Media Platform system playlist management
- Up to four-channel NewsQ system playlist management
- Manual or automatic channel assignment
- Supports switching to manual playlist management
- Insert, move, or delete an item in a playlist without interrupting playback
- Mirrored playback of backup channels
- Quickly recue and cue next/previous stories
- Play items out of sequence when necessary
- Automatically skips items that are not ready
- Plays down to start point
- Head frames displayed in playlist
- Viewable duration countdown for each story playing
- GPI triggered
- GPT triggers for external devices
- Standards-based, rack-mountable PC platform
- Part of complete Grass Valley Digital News Production Solution
- Integrates with Grass Valley NewsEdit nonlinear editor as well as iNEWS and AP ENPS newsroom computing system for rundown management
- New Editorial Duration field for accurate timing in iNews & AP ENGPS
- Supports Grass Valley NAS and Open SAN systems
- NewsShare™ compatible



NewsQ Pro Series Specifications

Playback

Control up to six playout channels (fully mirrored)
 RS-422 Odetics control protocol
 32 GPI inputs and 32 GPI outputs
 Control up to two Profile XP Media Platform systems (PVS 1000 or PVS 1100); or two NewsQ systems

NewsEdit Interface Standard Features

Assignment list of unfinished stories
 Automatic transfer to Profile XP Media Platform systems

Newsroom Interface Features

Playlists from running order via MOS 2.6 or MOS 2.7

Metadata to newsroom computer system via MOS 2.6 or MOS 2.7
 Plug-in to enter metadata and link to script
 INEWS and ENPS compatible
 ActiveX plug-in

Standard Configuration

Intel Pentium III processor, 256 MB RAM, CD-ROM drive, 1.44 Mb floppy drive, PS/2 keyboard and mouse
 5-slot PCI platform
 10/100Base-T Ethernet interface
 Windows 2000 operating system

Physical Dimensions

Chassis: Standard EIA Rack Mount

Dimensions	cm	in.
Height 4 RU	17.8	7.0
Width	48.3	19.0
Depth	53.0	20.8
Weight	18 kg	40 lbs.

Power Requirements

Power: 400W
 Voltage: switch selectable, 120V @ 6.2A or 240V @ 3.1A
 Frequency: 47-63 Hz

Customer Service Commitment

The Thomson Broadcast & Media Solutions Service Team delivers complete service solutions that enhance our line of Grass Valley products. Let our experienced professional staff help you build a state-of-the-art network and deliver the best content possible for your advertisers and viewers.

Our suite of SupportPRO Services provides support throughout the product life cycles:

- Networking and consulting services
- StartPRO and on-site support
- Preventative maintenance packages
- Training and educational programs
- Technical support services and centers
- Parts, kits and repair services
- Support agreement
 - TechPRO all-inclusive package with software, hardware and on-site support coverage
 - ServicePRO semi-inclusive with software and part coverage
 - PartsPRO with advance exchange of parts only
- Software and documentation

For more information contact Service Sales in your region or visit us online at www.thomsongrassvalley.com/support.

Ordering Information

DNP-NEWSQPRO-R

Rackmount NewsQ Pro system with up to six-channel playout and 16 GPI inputs

DNP-NEWSQPRO-RE

Rackmount NewsQ Pro system with up to six fully mirrored channel playout and 32 GPI inputs and outputs

DNP-KIT-NEWSQPRO

Spares kit for NewsQ Pro system. Includes 16-input GPI interface with terminal block and 2-port RS-422 SMPTE interface

DNP-KIT-NEWSQPRO2

Spares kit for expanded NewsQ Pro system. Includes 16-input/16-output GPI interface with terminal block and eight-port RS-422 SMPTE interface

DNP-UP2-NEWSQPRO

Upgrade kit for NewsQ Pro 1.x to NewsQ Pro 2.0 standard system

PDR0F1M

17" SVGA Monitor

E-NET-SWITCH-16PRT

16-port Ethernet switch

Headquarters

Thomson Worldwide Headquarters

17 rue du Petit Albi – BP 8244
 95801 Cergy Pontoise Cedex
 FRANCE

Servers and Digital News Production Solutions

15655 SW Greystone Court
 Beaverton, OR 97006
 U.S.A.

www.thomsongrassvalley.com

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Sales and Technical Support Numbers

North America

Sales/Support +1 800 547 8949
 +1 530 478 4148
 Fax +1 530 478 3347

Latin America

Sales +1 305 477 5488
 Support +1 530 478 4148
 Fax +1 305 477 5385

Pacific

Sales +852 2531 3000
 Support +852 2531 3056
 Fax +852 2802 2996

Rest of the World

Sales +33 (0) 1 34 20 70 00
 Support +800 80 80 20 20
 (West/North Europe only)
 +33 (0) 1 48 25 20 20
 (East Europe, Middle East, Africa)
 Fax +33 (0) 1 34 20 70 47