NFinity
The Most Reliable, Affordable, and Flexible
Solution for Video Playout and Control

What is NFinity?

NFinity provides broadcasters with the functionality of a traditional video server in a flexible package. NFinity is an adaptable, cost-effective solution for producing high quality video and audio content. It delivers where the competition can't, and reduces operating cost.

Why NFinity?

Play a wide range of formats without transcoding or rewrapping, HD broadcast quality at a low cost, comes standard with playlist, scheduled recording and dubbing tools.

NFinity
The Sky's The Limit

Standard Features Include:

- Up to 4 playout channels per unit
- 2 simultaneous record channels
- 8 TBs storage RAID-5 or mirrored
- Play existing formats without transcoding or re-wrapping
- Onboard playlist, scheduled recording, and preview channel
- VDCP implementation for remote control, serial and IP
- Unlimited expandable shared storage
- Access multiple file systems
- Built-in graphics and playout scheduler
- Emergency Alert System interface
- Supports closed captioning, AFD and VANC
- Supports VANC, GPI/O and DTMF triggers
- Configure any combination of NFinity Video Servers to create the ideal number of record or play I/O's

NFinity is agnostic to video file formats, and on-the-fly internal transcoding allows for seamless playout!

Flexible Control Options: NFinity will integrate easily into any control system, not just NVerzion automation. It also comes standard with onboard automation and control software. These applications allow the user to record on two channels while simultaneously playing on the other two, or play all four channels at the same time. Get the best of NVerzion's legendary automation software with NFinity's onboard applications.

Expandable, Failsafe Storage: NFinity grants broadcasters room to expand with virtually unlimited storage and unlimited channels. In addition to the internal hard drive, NFinity will connect to any local or remote file system, making plenty of room to store and archive your media. Rest safe in the knowledge that all media kept on NFinity is secured with standard RAID-5 protection. The premium NFinity package features our new RAID-N mirroring. (See next page for more details on RAID-N)

Easy Syndicated Content Playout: Many Television stations use syndicated content delivery servers to acquire media. Some stations have multiple content delivery servers tying up valuable equipment and personnel for long periods of time. The new NVerzion NFinity video server can do the same job in only 10 minutes. The two or four channel NVerzion NFinity video server plays syndicated content straight to air, without transcoding, saving your station time and money.

Do Even More With These Premium Features:
Source Switch, EAS and RAID-N

Source Switch (SSW) Technology

Our proprietary Source Switch technology is an exciting new solution for inserting media into a live video feed. This premium NFinity feature enables simple fade transitions between a live video feed and recorded content, such as local commercials. SSW allows for live switching to any kind of content, even to full page graphics with background audio. Source Switch is an internal software solution that doesn't require an external router or mechanical switch to change between live and recorded content.

NFinityView

NFinityView is a premium feature used to trim heads and tails, edit for time and content, create new segments and insert media events without tying up any video ports. This new feature allows the end user to easily perform necessary QC processes while the server channels are playing to air or recording new material.

EAS IP Interface

NVerzion has partnered with Digital Alert Systems, a division of Monroe Electronics, to support EAS broadcasts through EAS-Net. The DASDEC decoder/ encoder is sold separately. It connects to the server over an IP Port and monitors the specified radio channel for the emergency alert signal. When DASDEC receives an emergency signal, it decodes the data and then communicates the critical information to NFinity for transmission purposes.

RAID-N Mirroring

Raid-N is our newly developed RAID control software. Unlike third-party RAID controllers, RAID-N mirrors data in specific sub-directories and will mirror data to many locations, even file systems on other machines. It runs in the background, monitoring the specified sub-directories for changes, ensuring that data added to one system is added to another. RAID-N has been engineered specifically to suit the needs of professional broadcasters.

Take Control or Set It and Forget It:
Make a Configuration for Your Station

Create—

A custom solution, tailored to fit your needs. NFinity has a place in any station. It comes standard with all the applications you need to control and monitor your channels. It is easily adapted to external automation through VDCP, including third party control systems. As part of your workflow, NFinity can act as a 4-channel playout server. With its 2 bi-directional video channels and 2 out-only channels, the server delivers many different ingest and playout configurations. The internal 8 TB RAID set can expand with unlimited shared storage. NFinity will playout media from any networked storage device, even remote servers. Our premium RAID-N mirroring software will even bakcup your storage system automatically when new material records onto the server.

Imagine—

No manpower required during off hours, holidays, and weekends. Once NFinity has been configured to station specifications, you can count on it running smoothly while operators are away. With automatic record and playout scheduling, all you need to do is get your playlists ready and the server will run itself. RAID storage, redundant power, and cooling ensure your media is safe. With our premium feature set scheduling graphics, is a breeze. And with the added DASDEC encoder/decoder, EAS broadcasts will playout automatically over scheduled programming.

Expand with Our Automation Systems: *Trusted worldwide for over 25 years*

Get the industry's most reliable broadcast automation infrastructure to complement your new broadcast video server. Talk to an NVerzion rep to outline a machine control system at your station, then control, prep and play with our applications, including:

- *NControl playout management*
- *NPoint video prep software*
- *NGest recording software*
- *NTime record scheduler*
- *NDelay on-air time delay*
- *TeraStore storage and archive*
  And much, much more!