
NVERZION
LET EXPERIENCE MAKE YOUR DECISION

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NVERZION provides the tools that make digital broadcasting and television station automation a proven success.

The design, architecture and open-platform that all NVERZION products are based on, have proven to be the industry's 'best-in-class'

Based on the distributed and redundant design, you can share your resources network-wide and be ensured that your content is fully protected

The modular architecture for both software and hardware is a huge advantage when starting from a simple system solution that allows for future growth without limitations

Return-on-Investment is un-measurable since no single system component is thrown away but rather used for future expansion

The flexibility and open-platform within the NVERZION solutions allows for tailored solutions depending on your requirements

Offering the latest advancements in intelligent, flexible, highly reliable, extremely scalable broadcast automation and video content management solutions, NVERZION will help you streamline your facility's operations

NVERZION - superior design techniques
NVERZION - integrated workflow solutions
NVERZION - mission critical content management
NVERZION - the reliable standard for the industry

NVERZION - A PROVEN SUCCESS

NVERZION

NGest - Dub Station Software

NGest Dub Station Software allows you to frame accurately dub content from one media form to another i.e. record data from tape and digital file formats.

Within NGest, you can assign the source, destination, encoding rates, and other clip-specific values. Editable fields within the interface include; variable pre-roll, bit rate, clip name, duration, matching ISCI, and description. In and out points are synced by manual on-screen and keyboard jog & shuttle functions. Time code and control track displays aid clip preparation and when the clip is ready for transfer, the operator can immediately record or setup a specific timed start.

After the new file has been created on the video server, the operator can use NGest's preview/trimmer window to play back the new file for confidence and quality control. The new file can also be trimmed to remove unwanted frames from the head and/or tail of the clip.

A single instance of NGest can control multiple sources and destination using EMC-NT. The user interface allows the operator to specify if a new video file should be copied to a digital archive associated with the video server. NGest can also be configured to import a dub list provided by a facility's existing traffic system.

NGest & Preview/Trimmer Software Interface

NGest Dub Station Software is ideal for applications such as; VTR to server dubbing, analog to MPEG conversion, and MPEG video trimming

KEY FEATURES

- Frame accurate recording
- Preview button for quality control
- Delete content from the server and database
- Archive ready
- Entered information about the source tape is kept in the database
- Displays the space available on the server
- Create simultaneous backups during the record process
- Variable pre-roll
- Variable bit rate (if supported by the server)
- Immediate or delayed recording at a given clock time
- Jog and shuttle on screen or via the keyboard
- Prepare bar code labels from NGest
- Drag and drop from the database viewer
- Optional interface to transfer digitally encoded material from supported edge servers

BENEFITS

- Eliminate the need to use secondary software applications to trim the dubbed video files
- Preview button ensures that content has been recorded properly
- Removes unwanted content from the server
- Schedule recordings from a specific source to the server at any given time
- Never enter clip information twice. NGest updates the database with current information
- Displays the estimated server space remaining
- Supports different machine types and their varying pre-rolls
- Operators can configure bit rates with NGest (available only with servers that support bit rates)
- Transfer material from a server to a digital archive directly from the NGest interface
- Jog and shuttle functions can be controlled through mouse and keyboard

NPoint - Video Segmenting Software

NPoint is a Video File Segmenting Software application, which segments video clips residing on a video file server.

After the material has been encoded onto the server, you can preview and edit the file using the NPoint application with a video monitor. NPoint offers the ability to shuttle through the video clip as if it were on videotape.

The file is segmented by indicating multiple start and end points within the video clip. No change is made to the video file itself, but rather NBase Media Database Manager (NVERZION's core automation module) retains the new start and end points.

The NControl Transmission Playlist application can then indicate a specific segment within a video clip when playing the file to air.

NPoint Software Interface

NPoint Video Segmenting Software is ideal for applications such as; preparing multi-segmented video clips residing in the video file server for inserting commercial content, as well as file clip management

KEY FEATURES

- Segment video files residing on a video server
- Label segments by date and number
- Give programs created with the segmenter a program name
- Configurable GUI colors
- Easy-to-read time code windows for file preparation
- Segments are simple to insert and remove with edit buttons
- Maintains a list of segmented clips along with duration, start, and end points
- On-screen and keyboard jog and shuttle buttons
- GUI slider to quickly scan to the desired segment
- Edit functions as well as easy to use editing tools

BENEFITS

- NPoint segments video files previously residing on the video server
- NPoint doubles as a simple editor with the ability to 'bleep out' inappropriate material
- Interstitial program material such as PSA's, station ID's, or commercials can be added to video files by using NPoint's editing functions
- NPoint manages the segments by date, number or name
- NPoint's color aspects can be modified for custom viewing
- File preparation is made easy with NPoint's easy-to-read time code windows
- Never enter segment information twice. NPoint creates a database of each clip's segmented information
- Jog and shuttle to the appropriate in and out points directly through the interface with a mouse or keyboard
- On-the-fly editing buttons allow the operator to jump 30 or 60 frames forward and backward to quickly scan through the video file

NTime - Router Event Scheduler

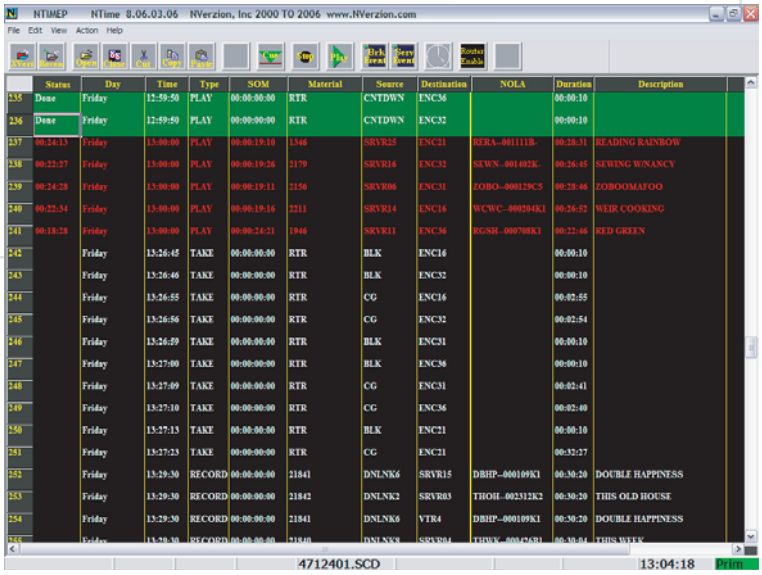
NTime Router Event Scheduler manages time based router events for simple router takes all the way to recording and playback, while enabling you to route video feeds to VTR's, video file servers, or other destinations.

The NTime Scheduler uses a seven-day rotating schedule to perform daily, weekly, and one-time router takes. NTime routes each event in the schedule from the appropriate source to a specific destination, and also executes play and record commands appropriately using Ethernet Machine Control (EMC-NT).

Also, NTime can be configured to interface directly to your facility's traffic system.

NTime is also commonly used for simple schedule-based router automation without any other device control.

This Router Event Scheduler supports from simple to highly complex router operations, and operates with easy to read and edit event lists.



NTime Software Interface

NTime Router Event Scheduler is ideal for applications such as; video routing, satellite record systems, network & cable head-ends, and network operation centers

KEY FEATURES

- Take any source to any destination with or without machine control
- Schedule a list of events to be recorded at any day and time in advance
- Traffic interface included
- Built in schedule builder and editor
- Supports drag and drop functionality from NView for playout
- Cut, copy and paste blocks of events
- Event list is limited only by the amount of memory available on the hard disk
- Can be linked into a supported satellite control system to move satellite dishes and tune receivers

BENEFITS

- NTime allows multiple devices to accept material from any source in a time-based manner
- Operators can schedule when router takes and ingest should occur before the time of the event takes place
- Custom interface to the existing traffic system for simple scheduling
- The event list has all the editable fields necessary to manage, manipulate, and control each transaction
- The schedule can be built by simply dragging material directly from NView, NVERZION's database
- The event list can be as long as you need it to be
- Ideal for time delayed applications

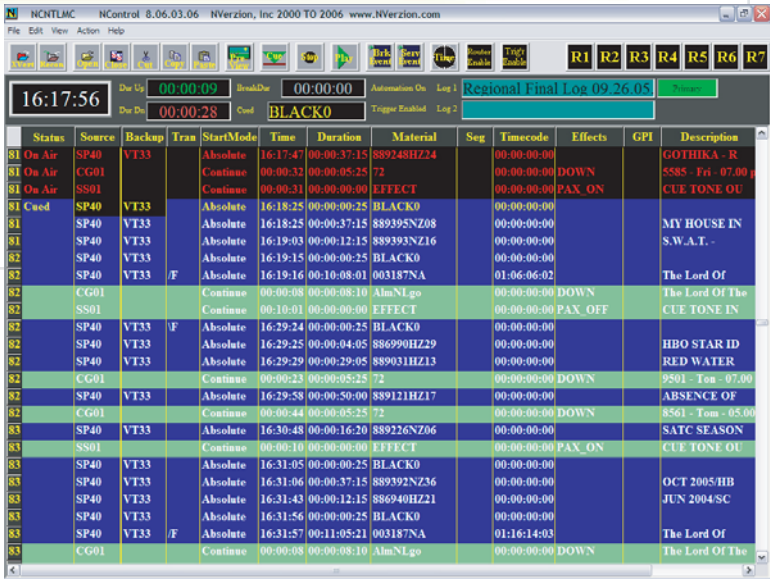
NControl(MC) - Transmission Playlists

NControl(MC) Transmission Playlists interface with master control switchers and/or routing switchers for seamless on-air scheduling.

NControlMC has built-in features that allow it to interface with a variety of master control switchers by sending commands across a serial connection. It can also fire relays, which triggers different switches on legacy switchers. This application takes advantage of controlling all of the master control switcher's activities while also organizing and playing to air video tape and video server content.

NControl takes advantage of controlling only the router output for cuts-only playout of live and/or controlled devices.

Both applications support multiple playlists for continuous playout, which can be built ahead of time by the traffic system or directly from the master playlist. You can also control secondary events; audio playback devices for voiceovers, downstream keyers, logo inserters, and more from within the playlist.



NControl(MC) Software Interface

NControl(MC) Transmission Playout Application is a router and master control playlist that provides a seamless and effective method for on-air scheduling

KEY FEATURES

- Build station breaks on-the-fly
- Cut, copy and paste blocks of events
- Calculate time remaining before given events
- Automatically calculates the time within station breaks
- Generates as-run log for the traffic system and reconciliation
- Reports missing content
- Help files are in an easy to use HTML format
- Modular architecture
- Supports single server playlist automation and full station control
- Build the playlist directly or import one from the traffic department
- Built-in playlist editor
- Event list is limited only by the amount of available memory on the hard disk

BENEFITS

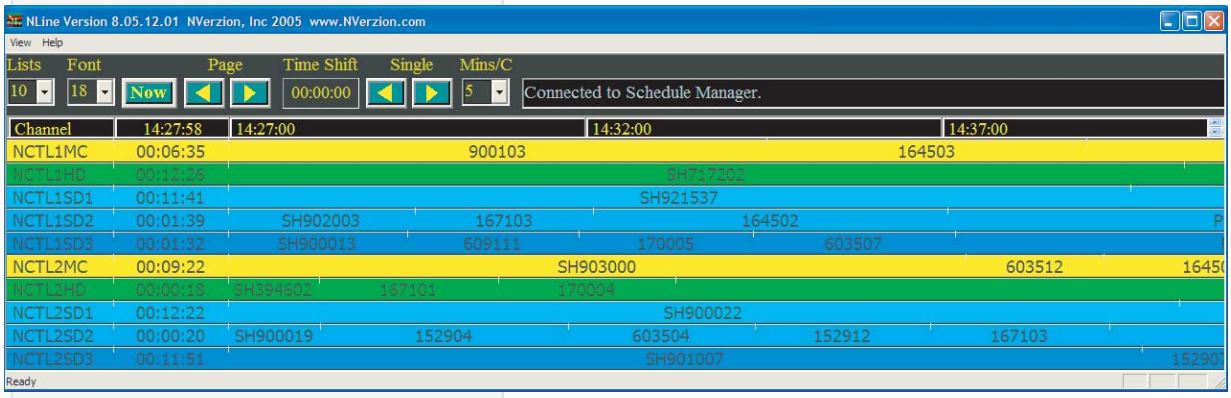
- The playlist allows for modifications to the list at the time of transmission
- The interface allows cut, copy and paste event editing within the playlist, and also between multiple playlists
- If the schedule is modified, NControl(MC) has a time calculation feature that will recalculate the time of all remaining events in the schedule
- Each event is recorded in an as-run log - the station's billing department can then use the as-run log as verification or the optional traffic reconciliation module
- If there are questions about NControl(MC), it has on board help files in an easy-to-read HTML format
- The user interface is configurable based on user preferences; different event colors, column positions, and more

NLine - Playlist Monitoring Software

NLine Playlist Monitoring Software is a multi-channel graphical schedule display application, which displays the On-Air schedule's current time position and duration, what is playing, and what is coming up next in chronological order.

The NLine software calculates the start times of future events and displays them adjacent to the other schedules to give the operator information on the schedule progress. The application also allows the user to scroll through the loaded schedules to see as many future events as they want. It also provides selected information as to material availability and indicates known missing material in a configurable warning color.

By having the option to adjust resolution, the user can specify how much information should be provided in a given location.



NLine Software Interface

NLine is a monitoring utility that facilitates multi-channel environments by displaying all combined playlists

KEY FEATURES

- Graphical representation of multiple NControl(MC) schedules displaying each playlist in a timeline manner
- Alerts the operator in the case of a scheduling problem that applies to the normal NControl(MC) configuration settings
- Alerts operators of missing materials
- Allows operator of time shift through all schedules
- Allows operator to specify the column time resolution
- Displays the schedules duration clock
- Simple configuration windows allow you to enter channel info, colors, fonts, row heights and column widths, etc.
- Optional icons can be loaded instead of channel names

BENEFITS

- NLine allows you to monitor all of your playlist schedules from one easy to read software interface
- Provides information such as on air duration, current on air, upcoming events, missing material
- Easy traversal of the schedules in a format that associates all your schedules together
- Easy to use configuration tools
- Requires separate purchase of NControl(MC) and NBase software applications for full schedule control
- Monitor up to 32 NControl(MC) schedules on a single instance

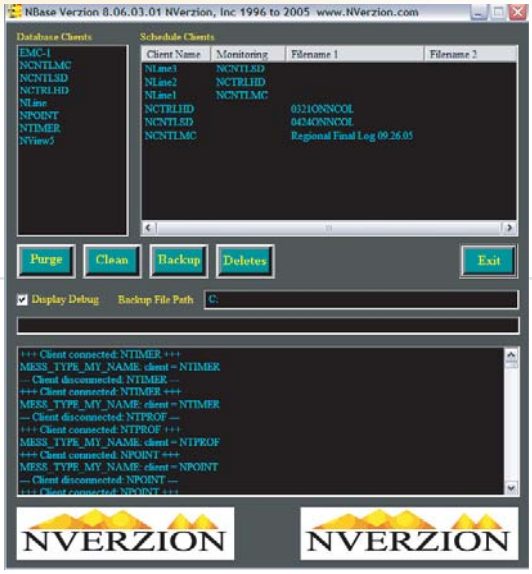
NBase - Media Database Manager

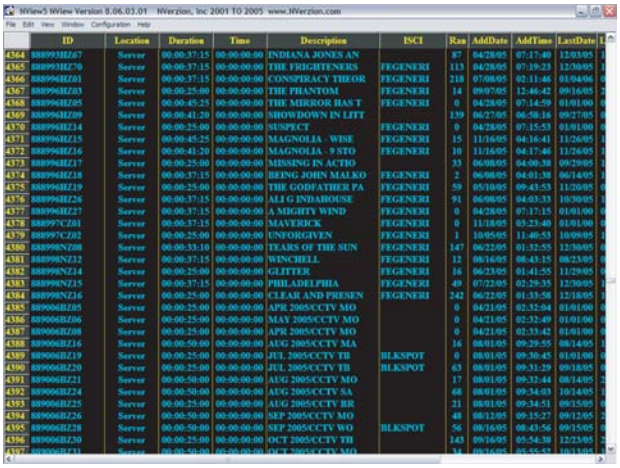
NBase Media Database Manager is the core module of NVERZION's automation software. Its primary purpose is to provide a central media database for video file servers, video tape machines, and including media tracking of nearline/archived content.

Any update or change made to any of these devices is broadcast across a TCP/IP connection to all other levels of the automation system, ensuring a clean and efficient workflow. For example, if a new file is encoded onto a video file server, the file becomes immediately available for playback from any station.

In addition to gathering information from each device it is connected to, NBase allows other automation applications to add information pertaining to each clip in the database. Most devices only supply a clip name and duration to external automation systems, however NBase is capable of storing other information such as a description of the clip, agency codes, date and time the clip was created, number of times ran, trim points, SOM and EOM information, and other useful types of data.

NView Database Viewer is a complementary application to NBase, which allows the operator to view information about the database they are using. Essentially, it is an operator's "view" into the database, providing not only the name and duration of each clip (normal information retrieved from a video file server), but also the additional information of each clip maintained by NBase. Using NView, operators can easily view and change all information pertaining to a certain clip (with the exception of the name and clip duration).





NBase & NView Software Interface

NBase Media Database Manager is the core module in the NVERZION automation software system. NBase works in conjunction with NView, a database content viewer

KEY FEATURES

- Maintain up-to-the-minute inventory of available media, including; video tape information, server content, and other resources
- View all media available from each device using one database viewer
- Drag-and-drop media from NView into NVERZION's front-end automation applications
- Edit internal metadata related to each clip in the database

BENEFITS

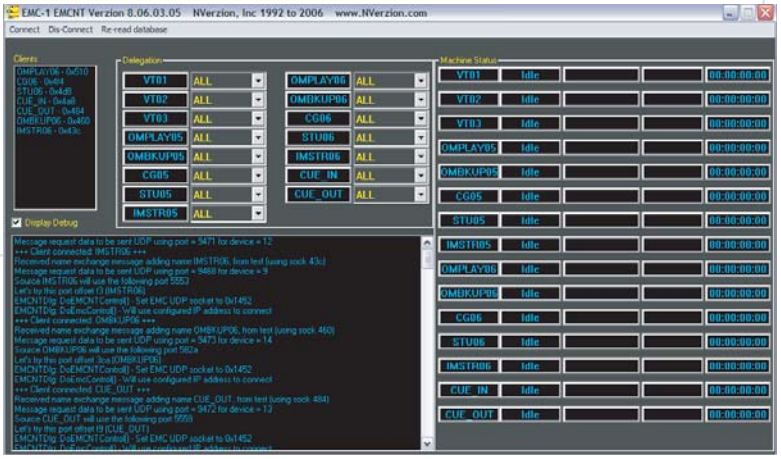
- Insurance that each automation application is working with the most current information in the database
- Quick access to information in the database from each automation station
- An easy view of information pertaining to a clip allows for efficient control of the database
- A configurable GUI gives operators the ability to view what they really need to see

EMC-NT - Ethernet Machine Control

EMC-NT is NVERZION's machine control software application that controls individual devices such as video tape recorders, video file servers, character generators, routers. This application listens for machine control requests made by other applications over an Ethernet connection. These requests are then executed using a dedicated serial or Ethernet connection from EMC-NT to the appropriate device.

By using the Ethernet Machine Control protocol, the NVERZION automation system becomes backward compatible with legacy machine control systems. For example, EMC-NT can be configured to issue commands requested by NVERZION applications, while also providing a 'loop-through' connection for requests made by the facility's existing machine control system. Another key advantage to using this method of Ethernet machine control is that each device in a broadcast environment can be utilized by multiple stations.

The EMC-NT application can also be configured to perform delegation. Individual stations or applications can be given priority over the control of a particular device, allowing uninterrupted use of it. If another station or application that is not delegated to the device makes a request while it is in use, EMC-NT will deny access until the device becomes available. Also, if a particular station or application has delegation over a particular device, it can grab control of it at any time, whether it is being used by someone else or not.



EMC-NT Software Interface

EMC-NT, NVERZION's machine control software, controls individual devices such as; video tape machine, video file servers, character generators, and routers

Individual devices can be assigned for control in a variety of ways; by all systems, by NVERZION automation software only, by legacy machine control only, or exclusively by manual control.

Depending on the system requirements, a single EMC-NT application distributes the control of four, eight, and up to sixteen individual devices. Unlimited EMC applications can be configured for controlling any devices.

KEY FEATURES

- Control multiple machines along a distributive network
- Allow multiple applications to utilize any machine in a shared network
- Backward compatible with existing legacy machine control systems
- Perform delegation of control for each device
- Each EMC-NT instance controls four, eight, and up to sixteen devices
- Optional EMC-NT loop-through is available for master control/machine control interfaces

BENEFITS

- The EMC-NT distributive network provides a fail-safe environment. In the untimely event of machine failure, the entire system never suffers "down-time"
- One or all of the automation applications can utilize the same machine, allowing operators to manage each device more efficiently
- EMC-NT supports legacy control systems in addition to NVERZION automation systems
- Each device can be configured for delegated control by the entire automation system, a single application or station, a legacy device, or an operator's manual selection

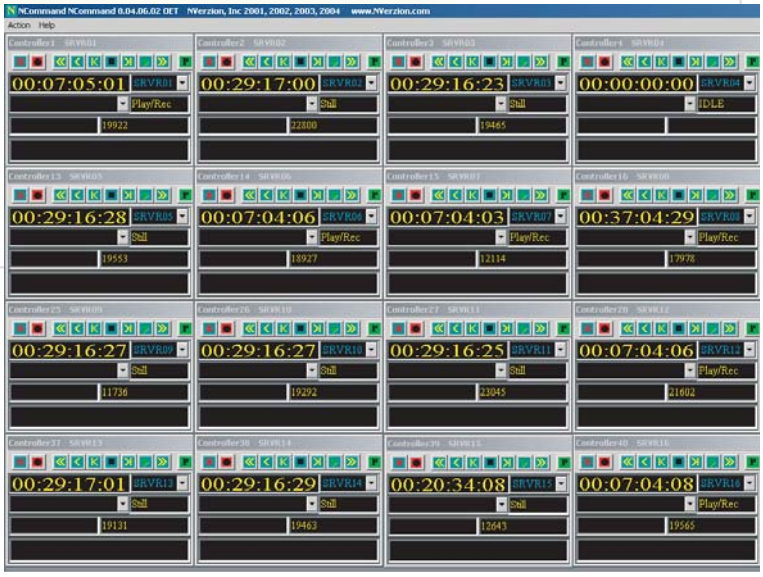
NCommand - Device Control & Status Software

NCommand Device Control & Status Software is a collection of compact machine control and monitoring software modules designed to show the status of controlled devices.

A single NCommand application can graphically display the real time status of any selected controlled device. Additional modules can be purchased to provide simultaneous display and control for sixteen devices (as shown).

The software interfaces directly to any number of EMC-NT machine control applications located on the network, anywhere in the world.

By displaying alarms in easy to identify warning colors, any errors can be recognized and corrected quickly so as to avoid a simple incident from becoming a disaster.



NCommand Software Interface

NCommand allows you to monitor and control all your devices from single or multiple locations and is designed to show the status of each controlled device

KEY FEATURES

- Compact software control panel that provides control of the devices that are connected through EMC-NT
- Provides real time status of the device that is currently selected
- Supports limited emergency machine control (machine dependent)
- Select any machine through a drop-down menu
- Multiple instances can be run anywhere in the world (network dependent)
- Monitor up to 48 devices on a single PC (special SVGA adapter required for devices greater than 16)
- Can provide tape status for most VTRs such as current time code, not ready, no remote, no tape and more
- GUI configurable

BENEFITS

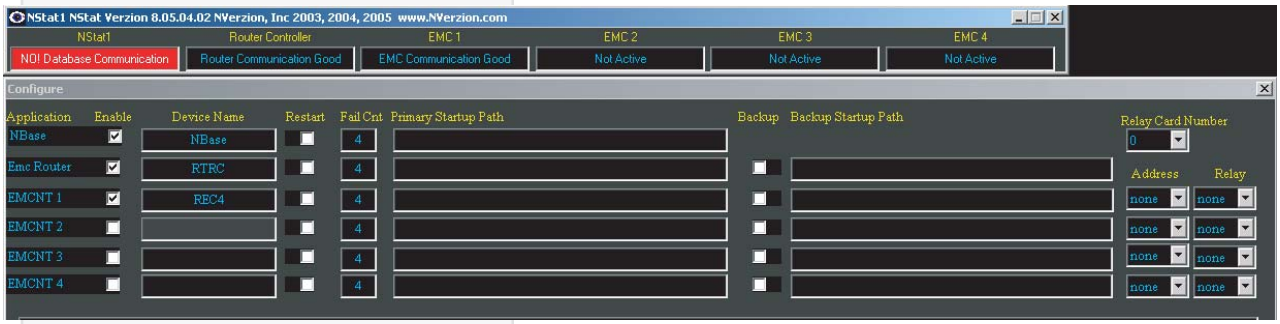
- NCommand allows you to monitor all your devices from single or multiple locations
- NCommand provides concise, accurate and immediate information and control 24 hours a day from any location
- NCommand can be configured in a virtual abundance of variations from any easy to use graphical interface
- Valuable information such as missing material, machine failure, machine ready status, etc. allows you time to correct an incident before it can become a disaster

NStat - Status & Monitoring Software

NStat Status & Monitoring Software application monitors your specified applications and notifies users if it senses any loss of communication with the associated clients.

The NStat application can be configured to sense loss of functionality in an application, as well as make an attempt to restart it. You can also configure NStat to redundant mode, which attempts to launch a backup copy of the application that it senses is no longer running.

NStat monitors the following applications; NBase Media Database Manager, EMC Router Control, and up to four instances of EMC-NT Ethernet Machine Control. Plus, virtually an unlimited number of NStat applications can be run from any devices connected to an NVERZION automation network.



NStat Software Interface

NStat is a status & monitoring utility that monitors specific applications and alerts users of any loss of communication

KEY FEATURES

- Monitors EMC IP socket connections
- In the case of a lost connection, NStat enables and validates the machine control commands to the backup EMC device
- A salvo switch command can be sent to a supported RS-422 matrix that will switch the group of 16 serial lines to the appropriate destinations
- NStat can run on any PC that is configured to communicate on an NVERZION automation network
- The application runs in the background and optionally becomes an active window when a problem arises
- Optionally restarts application that is recognized as no longer operating
- Optionally starts a backup instance of the application it recognizes as no longer operating correctly

BENEFITS

- NStat notifies you of any communication problems for quick decision making
- Warning displays in easy to identify colors - any errors can be recognized and corrected quickly
- NStat can be configured to restart an application if it senses it is no longer running
- NStat can be configured to launch a back up instance of a problem application within a configurable amount of time of identifying a problem
- Virtually an unlimited number of NStat instances can be run from any devices connected to an NVERZION automation network

XPansion - Storage Management Software

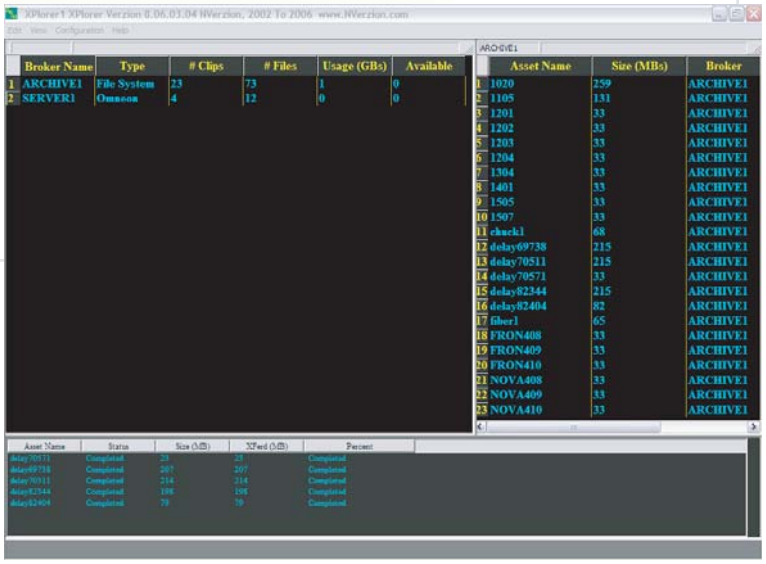
XPansion Storage Management Software is NVERZION's distributive storage management solution for nearline and for long-term archive requirements.

The XPansion solution offers you the power and flexibility to catalog, search, and retrieve massive amounts of data for internal previewing, editing, and resource management. It is a reliable, fast, and simple to use archive control tool.

By creating a communication network that allows an unlimited number of people to share and exchange digital content, you are able to quickly and efficiently manage your assets locally or around the world.

The distributive storage advantage allows you to produce your content once and publish it everywhere you need it. Content can even be accessed worldwide using existing Internet tools. The distributive architecture also offers no single point of failure and connects seamlessly with NVERZION's suite of automation products. The architecture supports VACP clients allowing external communication with 3rd party manufacturers.

The software's infrastructure allows you to combine existing data acquisition tools, data archive equipment, and search mechanisms to create a single open system. And, there is no limit to the number of devices this system can manage and control.



XPansion Software Interface

XPansion software is ideal for applications such as; Video server, nearline, and long-term storage content management

File migration control can easily be accomplished by using integrated tools with NVERZION's acquisition and playout software modules. In addition, specific intelligent rules can be configured within XPansion so that certain file sizes, files with specific aging parameters, or file naming conventions can be used to manage the file migration process.

KEY FEATURES

- Standardized interface and protocol between any number of digital storage devices
- Peer to peer design
- One XPansion module per device
- XPansion modules translate device's native transmissions such as fibre channel, SCSI, and Gigabit Ethernet
- Supports major video server vendors
- Supports major storage vendors using RAID, Data Tape, and Optical media
- XPansion protocol is firewall friendly
- Devices can be setup on LAN, WAN, or WWW
- Flexible and configurable file migration management

BENEFITS

- XPansion allows you to create new distribution channels
- No one-to-one limitations
- Offers no single point of failure
- Allow you to produce once and publish everywhere
- Connects seamlessly with NVERZION's automation products and supported VACP compliant manufacturers

TeraStore - Nearline Storage

TeraStore Nearline Storage is a scalable network based storage archive system that enables you to pack terabytes of storage in an affordable, compact, rack-mounted unit.

The TeraStore system is available in 3 (12 drives), 4 (16 drives), or 5 (24 drives) RU models, with over 15 different models to choose from. All drives are based on SATA technology, and are available in various RAID configurations. The system offers the option to plug in a variety of hard drives, which provides from 500 hours up to 2500 hours of storage at 8 Mb/s. Because it is completely modular, there is no limit to the number of units that can be combined in a single system to offer the required amount of storage.

The TeraStore Storage system uses no robots or tape machines and all data is immediately available to the user. Hard drive media is enclosed in a rugged case, keeping out dust, fingerprints, and scratches. SATA drives last for years and data is easily reproducible and redistributed at a rate limited only by the network that it is connected to.

As technology advances, and storage capacity increases, the format of the data and the control of the devices remains consistent with the TeraStore System, unlike with other storage devices. You can upgrade your system without worrying whether or not the new drive technology is compatible with the existing control system. The NAS technology provides for easy expansion by simply adding additional TeraStore boxes to the existing gigabit network.

By easily controlling the TeraStore storage system with the NVERZION XPansion software suite, you can quickly retrieve, manage, and manipulate your media content. The XPansion software suite gives the client the opportunity to transfer, copy or delete information between any devices on a network. The software also enables you to place additional TeraStore units anywhere on the network, whether in the same facility, or the other side of the world.

TeraStore Nearline Storage

TeraStore Nearline Storage is a network based RAID protected storage system that offers maximum flexibility at an economical price. TeraStore systems are commonly found in facilities that want to store their content digitally

KEY FEATURES

- Faster than real-time transfers
- Quickly retrieve, and manage material
- No media or robots to slow transfer times
- Encoded rates are configurable
- An unlimited number of TeraStore systems can be configured on the same network
- Expandable; add more racks or units as needed
- Includes an internal DVD/RW device for optical file copies
- Includes redundant power supplies and fans
- Includes dual NIC cards
- Includes dual/mirrored OS drives
- Various RAID configurations available (JBOD, RAID3, RAID5, etc.)

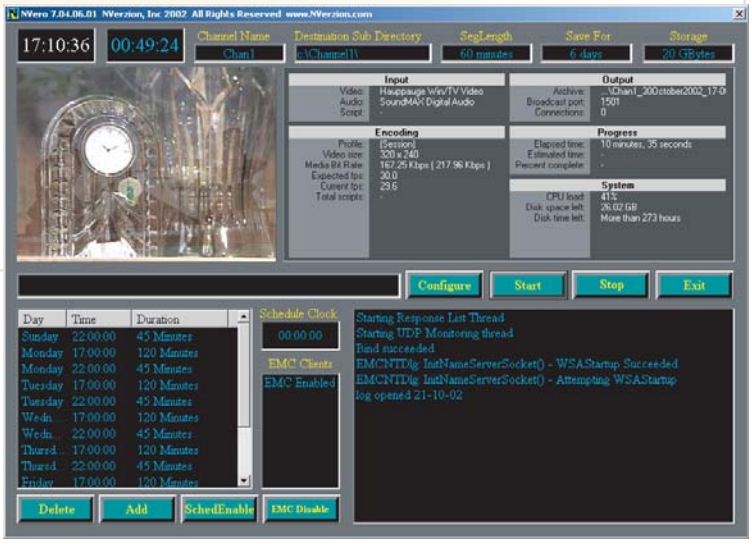
NVero - Online Verification & Video Logger

NVero is an Online Verification and Video Logger application that provides around the clock monitoring and logging of live video. The material can be logged in digital format and then verified using a standard media player, from any approved PC on the network. Search for video by the date and time that it aired and view it either locally or via email – ideal for quality control. NVero can also be connected to the Internet providing remote access of video logs to third parties.

At run time, NVero records all media by translating the supported NTSC or PAL aired video into a low-resolution AVI or WMF format. These files are saved with the cataloged time of day of recording. The rates at which the files are recorded are configurable and dependent upon the users requirements and desired quality.

During the record process, NVero stores video in a cyclical loop, providing automatic backup of aired material in a time based system. The cyclical loop is configurable to run for days, weeks, months or even years, depending on the system's individual verification needs and capacity.

The NVero application includes a PC with current dual hard drives capable of holding days/weeks/months of logged material, which depends on the configurable encoding rate. For systems requiring large encoding rates and greater storage, NVero can be connected to a digital storage library system via NVERZION's distributive storage management software system, XPansion.



NVero Software Interface

NVero is a hardware/software application for monitoring and logging live video feeds. It is an ideal solution for commercial and legal verification, as well as system monitoring

By coupling this with NVERZION's automation acquisition software, NVero can be configured as a backup device for creating low-res copies of files that are being encoded in parallel with your facilities high-res video server content.

KEY FEATURES

- Monitor live video feeds
- Video files are viewed by standard Windows Media Player for desktop viewing
- Encoding rate is configurable
- Length of video file is configurable
- Duration of loop is configurable
- Supports NTSC or PAL video standards
- Monitors transmission of remote sites in distributive broadcast systems and networks

BENEFITS

- As the video is played to air, NVero creates an interface that allows users to verify whether or not critical material accurately aired
- NVero can be implemented to save material on DVD archives, digital tape archives or hard drive farms and servers
- At run time, NVero records a series of video clips, the length of which is configurable
- Encoded files can be easily be sent via email vs. traditional tape method

NCONTROLite Package - Spot Playout

The NCONTROLite Package is a Video Server Spot-Playout Software Package, which has been affordably tailored to meet the demands of a broadcast automation environment.

The package includes the following NVERZION elements:

- NGest - Dub Station Software
  - Transfers frame-accurate content from one source to a record destination
  - Supports backup devices and file trimming
- NControl - Playlist
  - Event playlist for a single video server output
  - Capable of supporting a backup video server output
- NBase - Media Database Manager
  - Maintains local database of server clips, source tapes, etc.
  - Communicates changes between applications
- NView - Media Database Viewer
  - Allows operator to view, filter, sort, and edit fields in the media database
  - Supports drag / drop functionality into NVERZION applications
- EMC-lite - Ethernet Machine Control, lite version
  - Configurable control for up to 4 serial devices (VTR's, video server I/O's etc.)
  - Typically 1-video server in, 2-video server outs (On-Air & QA/edit), 1 VTR source
- Computer System
  - 2RU rack mount chassis
  - Single Pentium processor
  - Dual/mirrored OS drives
  - DVD/RW
  - Microsoft Windows XP Professional software
  - 4-port PCI 422 serial card
  - Note: Keyboards, monitors, and mouse are not included

CONTACT NVERZION FOR PRICING
Phone: +1 801 293 8420
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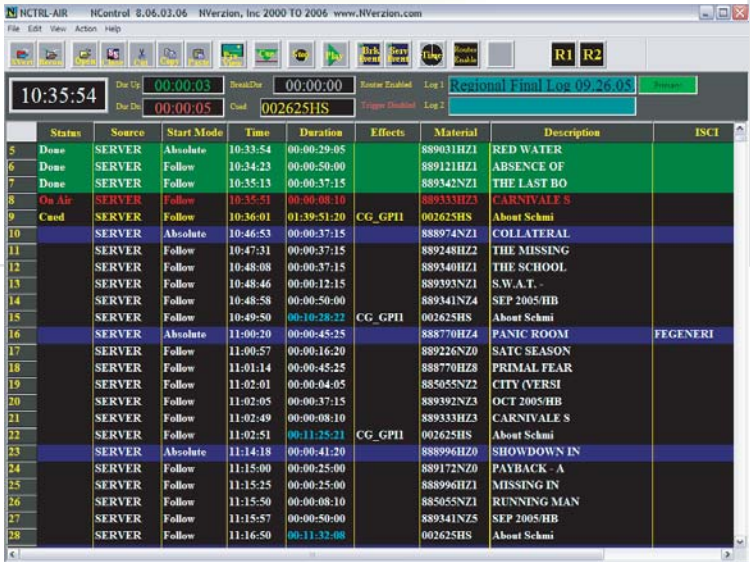

NCONTROLite Software Interface

The NCONTROLite Spot Playout Package has been affordably tailored to meet the demands of a broadcast automation environment

FAQ'S

- Can the system be tailored for a station's individual needs? The software architecture is designed to accept specific customer modifications and generally becomes a configurable item within a standard package
- What is the maximum number of devices a system can expand to? Is the physical location of devices important? There is virtually no limitation to the number of devices that can be controlled. The devices can be located anywhere in the station, the country, or the world -- the true meaning of centralized control
- Can more play-out channels and preparation stations be added? The package can be expanded to any number of dubbing channels, playout channels, archiving, video distribution, central casting, dish control, asset management and more
- What kind of devices can this package control? The Broadcast industry standard protocol, VDCP, is used to control video servers, as well as being server agnostic. The package supports a variety of tape machines for record source control. Optional control can be added for more device control, including; routers, DSK devices, as well as a traffic interface

NTIME Package - Router Event Scheduler

The NTIME Package is a Router Event Scheduler Package, which has been affordably tailored to meet the demands of time-based router events in a broadcast automation application.

The package includes the following NVERZION elements:

- NTime - Router Event Scheduler
  - Clock-based event scheduler for multiple sources and destinations
  - Supports simultaneous, repeating, and one-time events
- NBase - Media Database Manager
  - Maintains local database of server clips, source tapes, etc.
  - Communicates changes between applications
- NView - Media Database Viewer
  - Allows operator to view, filter, sort, and edit fields in the media database
  - Supports drag / drop functionality into NVERZION applications
- EMC-lite - Ethernet Machine Control, lite version
  - Configurable control for up to 4 serial devices (VTR's, video server I/O's etc.)
  - Provides control of one router matrix plus three more serial devices
- Computer System
  - 2RU rack mount chassis
  - Single Pentium processor
  - Dual/mirrored OS drives
  - DVD/RW
  - Microsoft Windows XP Professional software
  - 4-port PCI 422 serial card
  - Note: Keyboards, monitors, and mouse are not included

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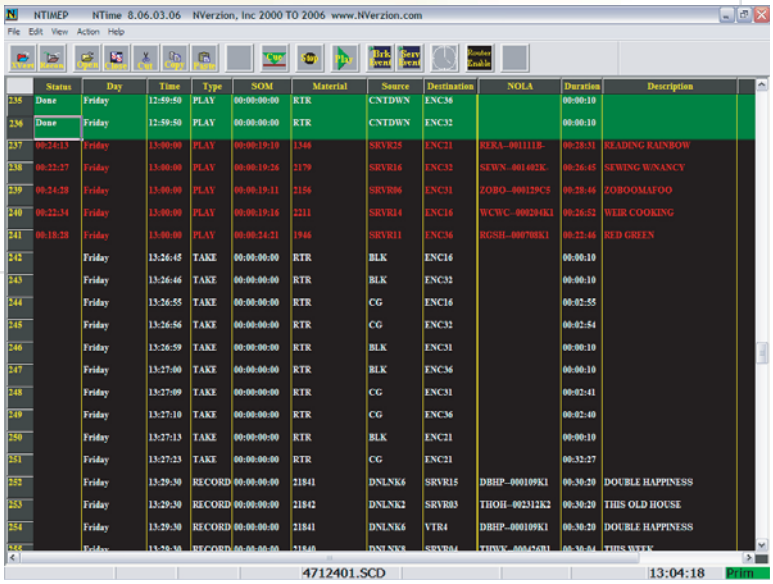

NTIME Software Interface

The NTIME Router Event Scheduler Package has been affordably tailored to meet the demands of managing time-based router events in a broadcast automation environment

FAQ'S

- Can the system be tailored for a station's individual needs? The software architecture is designed to accept specific customer modifications and generally becomes a configurable item within a standard package
- What is the maximum number of devices a system can expand to? Is the physical location of devices important? There is virtually no limitation to the number of devices that can be controlled. The devices can be located anywhere in the station, the country, or the world -- the true meaning of centralized control
- Can more play-out channels and preparation stations be added? The package can be expanded to any number of dubbing channels, playout channels, archiving, video distribution, central casting, dish control, asset management and more
- What kind of devices can this package control? This package supports a variety of tape machines but more specifically interfacing to a router control system. Optional control can be added for more device control, including; DSK devices, as well as a traffic interface and control of video servers.

System Design / Integration

NVERZION is a leader in engineering and system integration services for the broadcast market. By applying vast technology experience, NVERZION creates solutions tailored to your specific needs.

The comprehensive array of services offered by the NVERZION System Design & Integration team includes; turnkey professional services, consulting & recommendations, project management, engineering, equipment procurement, detailed design, systems implementation, commissioning, post-installation support, and training. All services are provided to help your facility reach its optimum performance.

In addition to traditional system integration services, NVERZION is a contracted reseller of 3rd party equipment. Equipment packages include, but are not limited to; video servers, routers, VTR's, video/audio monitors, test equipment, character generators, distribution & conversion gear, racks, patch panels, and other peripherals.

The NVERZION team consists of highly seasoned broadcast professionals with experience including engineering, sales management, technical operations, and customer service. The team's proven depth of knowledge and technology combined with a multitude of project resources translates into value and elimination of risk for your facility.

NVERZION System Design / Integration

NVERZION designs and delivers innovative systems with the needs of the end user in mind

Each system is architected and integrated with the customer in mind, so the final system delivers and provides the capabilities you need meeting your expectations in every way.

NVERZION's key goal is to help broadcasters manage digital workflow, which allows more efficient use of media assets across an organization.

ABOUT NVERZION

NVERZION provides the tools that make digital broadcasting and television station automation a proven success. NVERZION offers the latest advancements in broadcasting by controlling the equipment that acquires, and distributes broadcast-grade content through progressive software solutions. *Let Experience Make Your Decision*

WORLD CLASS SERVICE

NVERZION products are delivered to exact specifications and are backed with a comprehensive hardware and software warranty that includes; pre & post installation phone support, on-site installation and training, which is available upon request, as well as System Design & Integration services

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