

NexGen Digital is everywhere

NexGen Digital is the most widely used radio automation software in the United States and now all over the world. There is a good reason why more and more broadcasters have turned to NexGen Digital to handle their day to day automation needs. Over 2500 stations use NexGen Digital to play every minute of their audio every day. NexGen Digital is perfect for enterprise wide systems or single stations.

NexGen Digital helps you get more for your money

Sharing resources with WANcasting is easy with NexGen Digital. Now you can share your corporate audio with any site. WANcasting handles transfers between sites including: audio, logs, music/traffic load files and verification files for reconciliation. When you have NexGen Digital, all your systems talk to each other and make the process of communication smoother and better.

NexGen Digital makes your talent better

Everyone saves time and does better radio with NexGen Digital. Your talent can put together a live-sounding, four-hour shift in 30 minutes. Use VoiceTRAC features like fade up/down of audio, automatic ducking and fully adjustable timelines. Stay current and efficient with an automation system that lets you use talents anywhere and at anytime.

NexGen Digital listens and records

With NexGen Digital, you can set up your network feeds so that you never miss a program (particularly, if someone forgot to push a button). Capture satellite feeds or any other audio with our fully integrated DRR module, built right into NexGen Digital! No more late night calls to networks or distributors having to download a feed from some FTP site.

NexGen Digital grows as you grow

With NexGen Digital, to add HD channels, you just add them! Its scalability is also one of the reasons why more and more broadcasters have moved to NexGen Digital. We built it with HD in mind.

World Class Support

Our Support department is legendary. All the people who help you solve your day to day problems are radio people, too. RCS Support never sleeps and is always open 24/7/365 for NexGen users worldwide.

Features

Know your basics

- Manages station logs for up to 14 days in advance.
- Use manual or auto load mode for music or traffic; copy a portion of your log to another station or day.
- Lets you add and edit production elements.
- Gives you right click on an element to preview.
- Drag and drop or manually add from your inventory.
- You can edit every segue or modify elements in the log without permanent altering them.
- Delivers system status overviews with snapshots of what has happened during the day.
 1. Status screen gives you current options /modes, drive status, which CPUs are logged into NexGen and if your station is on air.
 2. Monitor the wellness of your system without having to go searching for information... it's all right there on your monitor.
- Gives you automated control rooms that let you customize the programming in real-time.
- NexGen provides Satellite and Manual Control modes.

Heart of the system

- Keep your station on time with GPS Master Clock, Internet time pulse, tone or closure from a satellite provider and hyper-accurate time cards.
- Export title and artist data, several forms of RDS export and PAD information: title, artist, length, weather, AMBER alerts, station IDs, and more.
- Easy to learn, you don't have to have a Ph.D. to get the results you want.
- Control your system from anywhere on the network. Any user can log in from any location on the network for maximum flexibility.

WANcasting

- Allows for in-coming and out-going traffic, programming, and VoiceTRACs.
- Move complete inventories between stations or work stations.
- We invented WANcasting, and we continue to lead the industry in allowing you to maximize your resources across many markets.

Talent Considerations

- Lets you VoiceTRAC on any workstation making any machine a production machine.
- Preview voice tracks exactly the way they will sound on-air.

Technical Requirements

Minimum Hardware Components

- Workstation: P4 1.4 GHz with 512 MB RAM – Dependent on OS
- Server: P4 1.4 GHz with 1GB RAM – Dependent on OS
- 32X CD-ROM
- 1024X768 dpi screen resolution, 256 colors
- Network interface card (10/100 Mbps)

File Server Network Operating Systems

- Novell Netware 5.1 and 6.5
- Windows 2003 Server
- Windows 2008 Server

Options for multi-layered fault tolerance, redundancy, and data backup

- Redundant file server
- Standby hardware (cold standby)
- Redundant array of independent disks
- Hotsparring, mirrored audio and data

(RAID Level 0 to 50 Disk Arrays)-hot swap drive

- Primary and secondary audio servers automatically switch over when needed (hot standby).
- Local database stored at workstation automatically copies and stores data, allowing the workstation to continue playing stored material in the event of a network failure.

Audio Cards

- Audio Science ASI 6122, 6114, 5111, 6614 ,6640 ,6514, 6540, 6618, 6518, 6520, 6620, 6522, 6622, 6544, 6644
- Direct X compatible
- Analog and AES digital outputs are dependent on the card used.

Routers (Audio and Video)

- SINE Systems ACU-1
- Selected Pro-Bel and SAS Routers up to 512X512
- Broadcast Tools
- Logitech

System GPI/O

- 32-channel GPI/O card, Serial GPI
- Axia GPI/O

Serial interface

- RS-232 Control
- RS-422 Control
- RS-485 Control

Operating System Platforms

- Windows 7 - 1 GB RAM (32-bit) or 2 GB RAM (64-bit)
- Windows XP - 512 MB RAM when used with a file server. XP requires 1 GB RAM when standalone.

Digital Audio Specifications

- Sampling rates of 32, 44.1 and 48 KHz

Audio Formats

- MPEG 1, layer 2, MP3 or uncompressed Linear .wav (PCM)