



iNEWS ControlAir v.1.6

Avid® iNEWS ControlAir™ automation-assist system is the ultimate in seamless control of the news, providing desktop operation for the mission-critical control of broadcast devices including CGs, still stores, and video servers.

Product highlights

Instant update

Tight integration with the rundown allows the producer to change the show while it is on air, and changes are reflected rapidly in the iNEWS ControlAir system.

Independent operation

Operates discretely from the newsroom network, so it is unaffected in the unlikely event of a network disconnection.

Flexible configuration

iNEWS ControlAir offers broadcasters the flexibility to use a single workstation to control multiple devices, or to control each device from a separate workstation.

Easy to integrate

Open platform with Software Developer's Kit (SDK) makes it easy to integrate new devices.

Multiple device control

Automation assist allows the transition process to be semi-automated.

Rundown integration

Tightly linked to the iNEWS® newsroom computer system (NRCS)—which provides a powerful built-in newscast rundown, retrieving continuous feedback on every program's timing and event status and performing fast, drag-and-drop rundown reordering—the iNEWS ControlAir system provides automated rundown lists, tracks script changes, and automates control of production and playback in newsroom facilities. Last-minute changes are instantly reflected in up to 32 broadcast production devices that are simultaneously controlled from a single workstation.

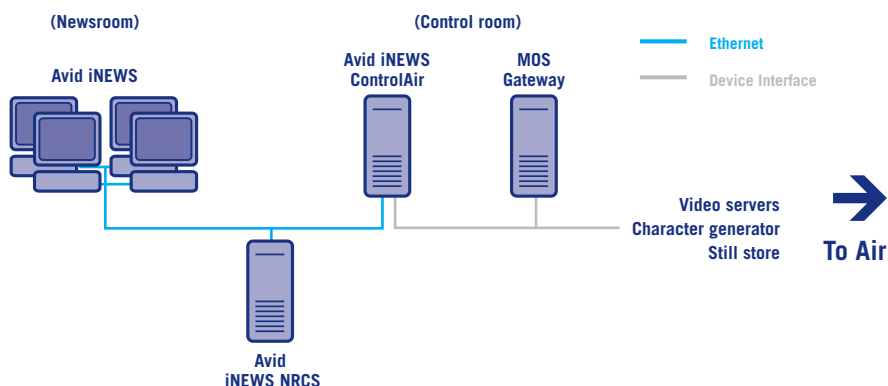
Reliable control

The iNEWS ControlAir automation-assist system is an integral part of a nonlinear newsroom solution for broadcasters. Rundowns created in iNEWS are sent to the iNEWS ControlAir Server, which coordinates playback from numerous production device types (such as character generators, still stores, and video servers including Avid AirSPACE™ and AirSpeed®).

Rundown Mirroring (available in iNEWS NRCS version 2.0) enables the provision of a hot-standby iNEWS ControlAir system. This allows the rundown to be mirrored to another location on the same iNEWS system, and the iNEWS ControlAir systems to be linked to both the main and the mirrored rundowns. The system remains in hot standby status at all times for instant switch-over at any time, ensuring the reliable triggering of all events in the rundown.

Commitment to standards

Avid iNEWS exemplifies Avid's commitment to open industry standards and third-party interoperability, and offers broadcast facilities the freedom to work with today's most popular third-party solutions. Avid iNEWS and iNEWS ControlAir support a wide range of industry-leading products, including character generators; asset management solutions; editing and graphics systems; storage and control devices; and ingest and payout servers. Ensuring open integration and support for broadcasters' existing and new components, Avid provides several Device Managers (DMs) for control of broadcast devices in addition to offering an SDK which is used by third parties to write DMs to interface with the iNEWS ControlAir system (see reverse for supported device list).



Avid iNEWS ControlAir assists automation of on-air production devices. One iNEWS ControlAir server can control multiple channels, as separate channels, on different video servers.

Features

Louth protocol support

Device manager development enables interaction with certain Louth VDCP devices and architectures

Multiple device control

Allows the transmission process to be semi-automated (automation assist)

NRCS integration

Tight integration with the iNEWS rundown via channel assignment status update and corresponding color codes, allows the producer to accurately manage and change the show even while it is on air, with changes executed instantly

Open platform

Using the SDK (Software Developer's Kit) makes it easy to integrate new devices

Playback control

Controls playout from the world's leading video servers, including the Avid AirSPACE and Thomson Grass Valley devices

Protected environment

Because iNEWS ControlAir operates machine control of continuous programming discretely from the newsroom network, it is unaffected during network disconnections

Minimum specifications

iNEWS ControlAir server

CPU

1.5 GHz Pentium 4 minimum; 2.0 GHz Pentium 4 recommended

Note: multiple processors not supported

Memory

512 MB RAM

Disk controller

IDE OK

Video controller

Standard SVGA video controller card 1024 x 768

Hard drive

10 GB or more

Network card

Windows-compatible 10/100 NIC

CD-ROM

CD-ROM drive

Expansion slots

1 Standard PCI slot

Operating system

Windows XP Professional

Keyboard

Standard Windows keyboard

Mouse

Microsoft compatible mouse

Monitors

15-inch color monitor

iNEWS ControlAir workstation

CPU

1 GHz Pentium III

Memory

512 MB RAM

Disk controller

IDE OK

Video controller

Standard SVGA video controller card 1024 x 786; 256 color

Hard drive

4 GB or more

Network card

Windows-compatible 10/100 NIC

CD-ROM

CD-ROM drive

Operating system

Windows XP Professional

Keyboard

Standard Windows keyboard

Mouse

Microsoft compatible mouse

Monitors

17-inch color monitor capable of 1024 x 768 resolution or more

Supported interfaces

Video devices

- Avid AirSpeed
- Avid AirSPACE
- Panasonic HDR-150 (via Louth DM)
- Pinnacle Thunder (Louth VDCP)
- Quantel Clipbox*
- SeaChange Broadcast MediaCluster (Louth VDCP)
- SGI Origin 200 (Louth VDCP)**
- Sony Betacart*
- Sony Flexicart (download only)*
- Thomson/Grass Valley Profile

Character generators

- Abekas A72*
- Aston Motif
- Chyron Duet (iNFiNiT! Emulation)
- Chyron iNFiNiT!
- Chyron MAX!
- Chyron Maxine
- Pinnacle Systems Dubner 30k/20k*
- Pinnacle Systems FXDeko/TypeDeko (iNFiNiT! emulation)
- Pinnacle Systems Graphics Factory/Halo
- Pinnacle Systems Presto100/200*
- Pixel Power Collage
- Quantel Cypher*
- Quanta Delta*
- Vizrt Trio
- Vizrt Pilot
- Inscriber AutoCG

Still stores

- Leitch Still File*
- Pinnacle Lightning (Louth VDCP)
- Pixel Power Clarity
- Quantel PictureBox*
- Quantel PictureBox Express*

* Requires MCS PC kit on customer supplied DOS 486 PC, Pentium Pro 200 MHz

** For use with Panasonic DNA

System specifications subject to change.

Avid services, support, and training

Avid Broadcast Assurance including training, professional services, and 24-hour support helps to ensure your facility keeps to the production schedule—and puts the news on the air—every time.

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To learn more—visit www.avid.com/ControlAir

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