



n5™ Video Server

Video On Demand



- Third Generation Video Server – RAM + disk
- Sophisticated, automatic RAM Management
- Interoperability with existing video servers
- Reliability
 - Reduced disk count
 - Hypercube auto-failover
- Extensive scalability
 - 172 Gbps
 - 180 TB content
- 32 MediaHUBs per system each with 5,400 Mbps streaming output
 - 16, 32, or 64 GB video RAM
 - 4 to 24 disk drives
- Dual-gun intelligent GigE interfaces

Overview

The ARRIS n5™ is the first of its kind in third-generation video servers to come to market. Building on ARRIS' history in supercomputer development and strengths in traditional disk-based hypercube video servers and high-performance RAM subsystems, the n5™ is the first in a line of fully configurable RAM/Disk based systems. The n5™ achieves maximal performance at minimal cost, by varying the system configuration in three dimensions (disk, RAM, streaming engines) configured independently of your requirements.

The n5™ is a graceful evolution of the existing ARRIS commercial VOD and ad insertion server, rather than a high-risk revolutionary design. Stability and predictability are safety factors required to ensure success and lower operating costs for your VOD, or digital program insertion system. The interoperable design allows side-by-side operation of the new n5™, earlier ARRIS video servers, and even third-party video servers - in the same deployment, feeding the same subscribers, and sharing the streaming load. The hot-swappable, add-on flexibility of the n5™ provides operators with a cost saving alternative to full replacement upgrades.

n5™ Video Server

Features	Benefits
n5™ scales to match subscriber usage patterns (RAM), content library (disk), and stream/channel needs (number of Media Hubs)	Configurable third generation video server meets exact requirements at the lowest cost
Automatically tunes RAM content to match subscriber behavior without dependencies on error-prone human guesses of title popularity ultimately, providing a greater use of RAM	Reduced operating expense through advanced RAM management subsystem
MatchNode technology for multiple servers feeding same service groups and add-on capacity	Reduced capital expense through interoperability with existing video servers
Hypercube auto-failover support and reduced disk count increase reliability and lower OpEx	Greater reliability to reduce operating expense and increase quality of service
~300 streams per rack unit, rivaling any other server when you include their disk drive chassis	Lower capital expense through higher density
Add disks, add RAM, and add MediaHUBs	Simple systems growth to meet changing needs

System Requirements and Technical Support

The n5™ video server is compatible with ARRIS' complete line of VOD and digital program insertion solutions.

Technical Support

If you have questions about preparations for your n5™ Video Server system Installation, please contact ARRIS Technical Support by phone or email.

Within the United States or Canada: 1-888-221-9797

Outside the United States or Canada: 1-678-473-5656

E-mail: vod-support@arrisi.com, or ai-support@arrisi.com

For more information, please contact your local sales representative or visit www.arrisi.com

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