



Benefits

- » High reliability and redundancy
- » Reduced operational costs
- » Increased revenue streams
- » Faster time-to-market
- » Improved subscriber satisfaction

Applications Supported

- » Video on Demand (VOD)
- » Television on Demand (TOD®)
- » Network-based Digital Video Recorders (nDVR)
- » Time-Shifted TV
- » IPTV
- » On Demand Ad Insertion

Stream Commander™

Simplifying operations and maximizing profits for video solutions today and tomorrow!

The Motorola Stream Commander intelligent management software for Motorola B-1™ Video Servers minimizes operational costs and maximizes profitability for today's video services. Stream Commander simplifies headend video server integration and streamlines system management with a web-based Graphical User Interface (GUI). In order to provide a full view into edge devices and deliver intelligent service management, Stream Commander also offers a full suite of alarms and reports.

Features

Full suite of reports for intelligent resource planning

- » Track usage statistics, stream tracking, session setups, alarms, content usage, and resource utilization with over 70 bar and pie chart reports
- » User-configurable trending, historical, and CSV/Excel exportable reports for performance assessment and resource allocation planning Open, industry-standard interfaces
- » Simplified integration with any back office environment reduces deployment time and cost
- » Web-based GUI for point-and-click provisioning and management
- » Industry standard interfaces include SOAP, CORBA, HTML, and XML Server configuration and management for complete system optimization
- » Tracks and manages Motorola Video Server and QAM resources to determine the best transmission path for each stream
- » Automatic discovery of video server blades, ports, and current configurations
- » Live updates to topology without effecting existing services

Real-time alarm monitoring

- » Configurable storage watermark thresholds trigger an alarm when a predefined storage capacity is reached
- » Master control room function provides detailed, real-time alarm conditions and events at the server, blade, and port levels
- » Dynamic notification of video server events using the Simple Network Management Protocol Proactive content management to optimize viewing options
- » Provides a complete listing of ingested Motorola Video Server assets
- » Near-Term Storage (NTS) content viewing and management
- » Stream and content synchronization between Motorola Video Servers and Stream Commander provides efficient use of critical resources

Simplified Stream Management

- » Supports both active and historical stream views to provide easy access to stream details, including trick play counts pertaining to each stream
- » Provides a mechanism for manual creation and deletion of streams for administrative purposes

SPECIFICATION SHEET

Stream Commander™

SERVER REQUIREMENTS

Linux Advanced Server (AS) 3
Java 1.4.2
JBoss Application Server 3.2.7 (Tomcat Web Server)
Orbacus 4.1.2 (CORBA engine)
Oracle 10G (Local Database)
Qualified Server Platform: Dell PowerEdge
Northbound Interface: CORBA
Southbound Server Interface: SOAP

EDGE DEVICE INTEGRATIONS CURRENTLY QUALIFIED FOR STREAM COMMANDER INTEROPERABILITY

Motorola SEM
Bigband BMR100
Bigband BMR1200 (SD/HD)
Ciena Path 1 (4 active ASI ports)
Ciena Path 1 (8 active ASI ports)
Harmonic 8108
Harmonic 8204
Harmonic 9116
SA D9479 GQAM
SA D9477 MQAM
SA xDQA
SA Prisma
SA IMUX

CLIENT REQUIREMENTS

MS Internet Explorer 6.0 or later
Linux Mozilla 1.0.1 or later
Netscape 7.0.2 or later
JavaScript Enabled
Recommended Monitor: 17" or larger

CONTROL PROTOCOLS

SSP
LSCP
RTSP

SNMP

SNMP Monitoring
SNMPv2 Traps
Trap Forwarding/Configurable
Host Destinations
Broadbus Chassis MIB
Broadbus Content MIB
Broadbus Environmental MIB
Broadbus MIB2 (System Table)
Broadbus Streams MIB



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