iVMS™ Video Management System

Comprehensive Control of your FoQus Platform for Linear/Live Video Networks

IneoQuest's Video Management System, iVMS, oversees the health of the entire video delivery network. It is the key to efficiently pinpointing and resolving issues wherever they occur in the network. iVMS detects customer impacting events, sends alerts and rapidly isolates faults while providing tools for remote troubleshooting. It tracks thousands of programs across hundreds of probes in a centralized system to provide true end-to-end video quality management.

iVMS aggregates QoS & QoE data collected on a per program basis from the probes and correlates it into intelligent views that provide an overall understanding of network performance. From there, with a quick click of the mouse, you can drill down to identify and isolate the root cause of issues by program, time and location. Northbound and email services alert technicians and engineering of problems so resources can be dispatched quickly, reducing the mean time to repair.
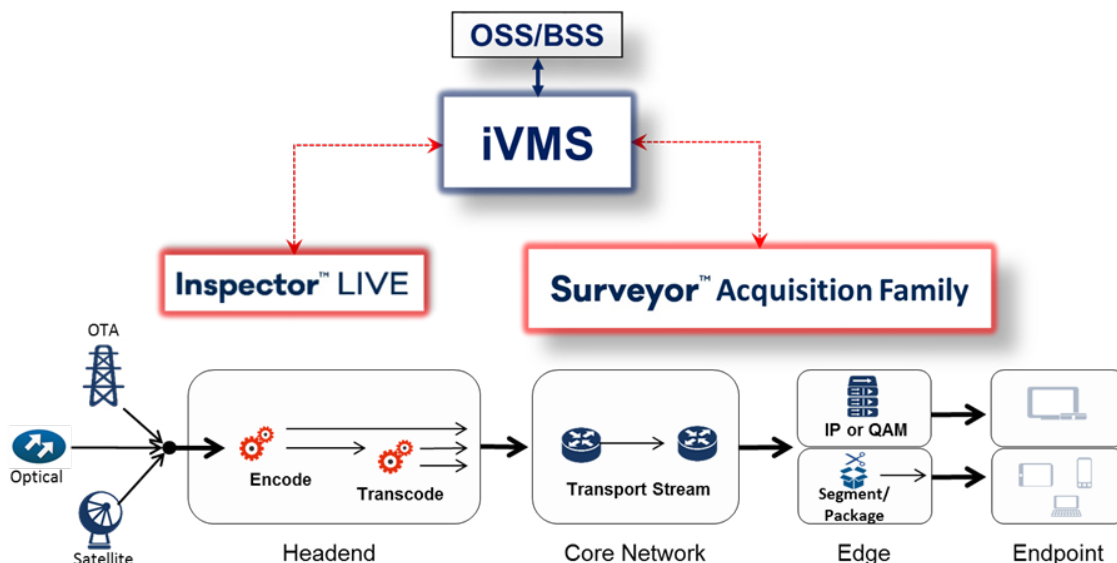
The system provides real-time monitoring and performance analysis customized to address individual requirements. No matter where you are located and what level of detail is necessary, you can simply log onto iVMS to access the data intelligence needed to manage your network.

BENEFITS

- Streamline operations with end-to-end visibility into the entire video delivery network
- Pinpoint root cause of video issues and quickly dispatch resources to reduce mean time to repair
- Identify video delivery trends to better manage the network through historical analysis
- Benchmark the video network and operations with comprehensive performance analysis
- Simplify the reporting of issues by creating descriptions for each event/ alarm/alert into a human readable message
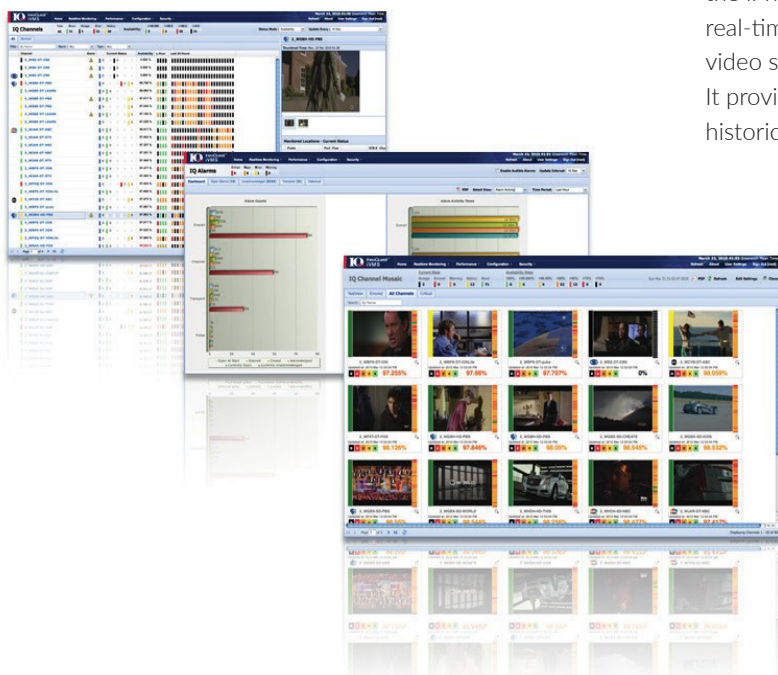
APPLICATIONS

- Manage remote monitoring points from a centralized dashboard
- Real-time monitoring of the linear broadcast network
- Regulatory Compliance Monitoring (CALM & Closed Captioning)
- Track issues and identify trends in network performance
- View channel content and program health in the palm of your hand with the iVMS Mobile Application

KEY FEATURES

- Real-time monitoring and historical analysis in a single platform
- Performance trending by channel, flow, probe with drill down metrics
- Easy customization of alarms and reports
- Scheduled and automated reports with email capabilities
- Topology and Map views for a visual representation of probing points
- Centralized probe configuration with parent–child relationships
- Collects data from the IneoQuest linear acquisition elements: Inspector Live, Expedus DVA IP, Surveyor TS, Geminus, Singulus, Cricket and Plurus
- Services categorized by program type (SD, HD, VOD, etc.)
- Northbound interface to third-party NMS/OSS systems
- SCTE-35 events allows users to see incoming cue tone traps
- Assign user privileges for added security
- Integrates with the Program Line-Up Manager to configure and manage probe inventory, aliases and channel attributes

REAL-TIME MONITORING

Real-time monitoring allows a user to track the health of all video on a per program basis throughout the entire network. This level of visibility provides pro-active management of the quality of video services from its source to the customer's screen by detecting video impacting events, rapidly isolating faults and sending alerts. With geographic and logical views of network topology in displays that update in real-time, iVMS quickly indicates the source and magnitude of a problem allowing the accurate dispatch of resources to the exact point of the issue.

PERFORMANCE ANALYSIS

The iVMS stores performance and alarm data offering a top-down approach to analysis, while the automated reports keep operators and management up-to-date on the daily performance of the network.

Historical reports collect aggregated data from all monitored locations and provide an intelligent view of the network. Video providers are then able to benchmark performance and more efficiently manage resources.

iVMS MOBILE APPLICATION

iVMS Mobile application is available for the iPhone and gives remote access to real-time performance data with live video snapshots for instant visualization. It provides a high level summary of historical data.

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iVMS is an element of the **IneoQuest® FoQus™ Platform**, the industry's premier portfolio of complementary video quality and audience measurement solutions. The platform is built on multiple data acquisition elements which collect real-time metrics from critical points in the video distribution chain—from content preparation, through network delivery, to device playback. This data is then collected, correlated and processed by IneoQuest's powerful iQ Engines™, to provide an immediate and accurate view into the performance of - and demand for - your video content and services.

A true synthesis of network operational and audience behavioral intelligence.

Whether you're a broadcaster, content owner, network operator or enterprise – or provide critical video delivery services and infrastructure – the **IneoQuest FoQus Platform** has solutions that give you unparalleled visibility into the health of your video business.