

Sentry Verify

Sentry Verify™ enables video service providers to accurately determine the health of the MPEG/IP transport network. Sentry Verify provides alerts and generates useful reports in the same fashion as our flagship product, Sentry®

Sentry Verify monitors and validates MPEG transport stream quality at hub sites as an integral part of Mixed Signal's Source-to-Edge Solution

Sentry Verify



Sentry Verify Features:

QoS Monitoring

Historical Reporting and Graphing

Triggered Alert Stream Capture

Real-time Detection and Alerting

Transport Stream Bandwidth Graphing

Program Group Bandwidth Graphing

IP Video Network Impairment Analysis

Alert Filtering and Resolution Tracking

Verify detects subscriber impacting events during MPEG-over-IP transport and offers a historical database to assist with troubleshooting and trending analyses. Sentry Verify also offers a multiple alert trigger capture capability to quickly identify and visualize issues as they arise.

Sentry Verify is specially designed for operational staff and is a cost-effective solution for large-scale deployments to hub sites and other remote locations. It provides necessary, accurate and timely information to assist in the identification of faults within the IP network and has been integrated with industry leading management solutions to accelerate troubleshooting and root-cause analysis.

Sentry Verify is part of Mixed Signals S2E (Source-to-Edge) monitoring solution, which provides the most comprehensive, 24/7 real-time monitoring system with a 60-day historical database, executive reports and trending analysis capabilities. It can be easily integrated with Medius to provide a seamless monitoring package.



Monitor your network with rich graphs and an easy to use interface

Mixed Signals, Inc.
222 N. Sepulveda Blvd
Suite 1750
El Segundo, Ca 90245
Tel: 310.227.8620
Fax: 310.648.7622

Mixed Signals
Source-to-Edge
Monitoring Products

Sentry
Sentry Verify
Sentry Edge
Medius
Consul



visit us at mixedsignals.com sales@mixedsignals.com

Sentry

- Monitor entire channel line-up
- Reduce Op-Ex
- Web Interface
- 24/7 real-time monitoring
- Detect intermittent problems
- Alert notification
- Historical reporting

Medius

- Custom reports
- Consolidate data from multiple Sentry units
- Single point for NMS integration
- Dashboard
- Centralized alarm reporting and notification from individual or grouped Sentrys

Sentry Verify

- Monitor input to hub sites to detect issues during transport
- Detect MPEG and IP issues
- Cost-effective solution
- Provides additional intelligence within source-to-edge

Sentry Edge

- Monitor linear broadcast programs
- Cost-effective solution
- Be alerted to RF errors
- Generate historical and trending reports

Sentry Verify Specifications

Supported Protocols

Video: MPEG-2, H.264, VC-1
Audio: Dolby AC-3 (5.1 Surround)
MPEG-1 layer II (mono, stereo)

HD/SD programs, SPTS or MPTS, multicast (IGMP v3) & unicast

MPEG-PSI, DVB-SI, ATSC-PSIP table support

SNMP trap and MIB support

Browser Support

Firefox, Safari and Internet Explorer

MPEG / IP Input Port

1000BASE-T Ethernet interface

Management Port

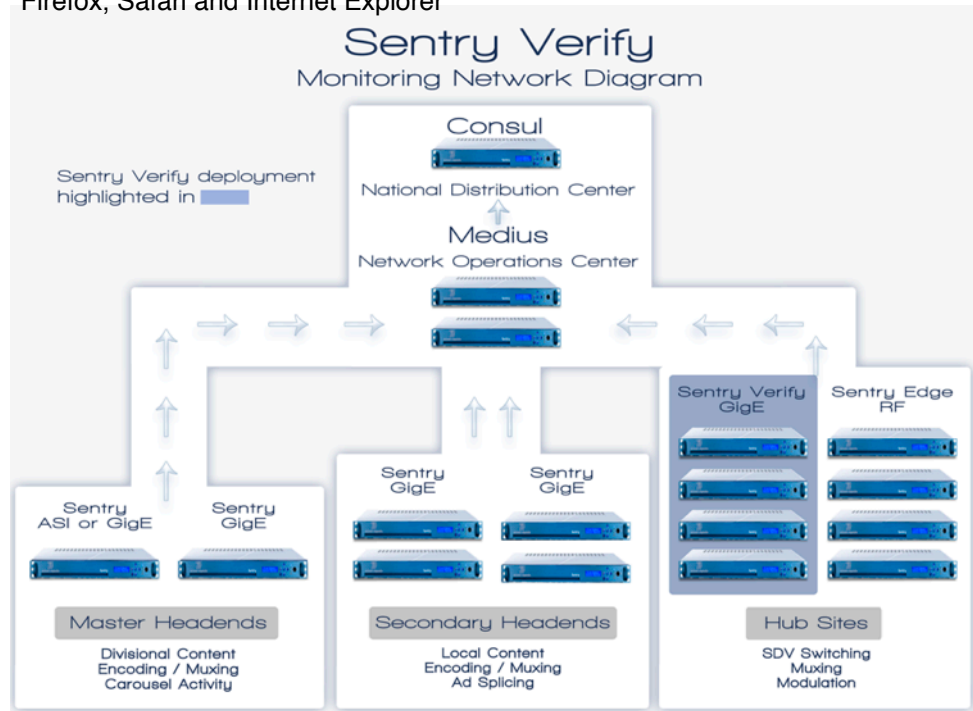
1000BASE-T Ethernet interface

Physical Characteristics

1RU x 19"
Weight: 9.2 kg
100-240VAC, 50-60 Hz power supply

Environmental Conditions

Max storage temperature: 70c
Max operating temperature: 35c
Max humidity: 85%



Sentry Verify monitors and validates MPEG transport stream integrity and reports errors induced during video-over-IP transport. Typically operators use Sentry to validate the subjective video and audio quality (QoE) of their digital content in the video headend and then use Sentry Verify to report on video-over-IP transport issues on the programs that are received downstream at the hub sites.

Mixed Signals, Inc.
222 N. Sepulveda Blvd
Suite 1750
El Segundo, Ca 90245
Tel: 310.227.8620
Fax: 310.648.7622

Mixed Signals
Source-to-Edge
Monitoring Products

Sentry
Sentry Verify
Sentry Edge
Medius
Consul

