

Sentry Edge

Sentry Edge™ provides critical monitoring at the edge of your network and offers specific reporting and alerting capabilities for services in the RF domain.

Sentry Edge monitors and validates services at the edge of your network and is an integral part of Mixed Signals' Source-to-Edge Solution



Sentry Edge Features:

Scalable RF Monitoring (64/256QAM / 8VSB)

Historical Reporting and Graphing

Designed for Large Deployments

Intelligent Tuning

Alert Filtering and Resolution Tracking

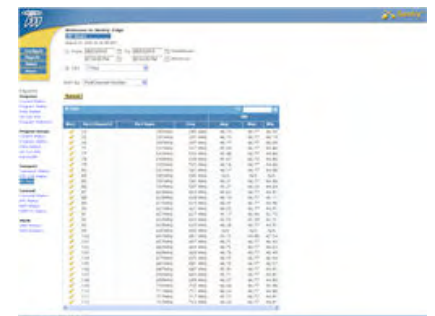
Integration with Sentry, Sentry Verify and Medius Units Provides Comprehensive View of Network Health

Dual Tuner Configuration to Monitor All RF Channels Efficiently

Sentry Edge extends the visibility into transport stream quality by detecting transport stream and RF modulation errors at the edge of the network. Correlate reports and conduct comprehensive, cross-layer, root cause analysis across locations.

Sentry Edge is a cost-effective solution for large-scale deployments to hub sites and other remote locations. It offers the ability to add additional service monitoring capabilities such as QoE, EBIF, ad insertion, tru2way™ and much more. Sentry Edge's compact 1RU, rack mounting footprint with dual tuners allows for efficient monitoring of all RF channels.

Sentry Edge 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

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Sentry
Sentry Verify
Sentry Edge
Medius
Consul

Mixed Signals
Source-to-Edge
Monitoring Products



visit us at mixedsignals.com sales@mixedsignals.com

Mixed Signals
Monitoring Products

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 Sentries

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 & TS errors
- Generate historical and trending reports

Sentry Edge

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, PSIP table support

SNMP trap and MIB support

Browser Support

Firefox, Safari and Internet Explorer

Dual Tuner QAM Annex B (ITU-T J.83)

Management Port

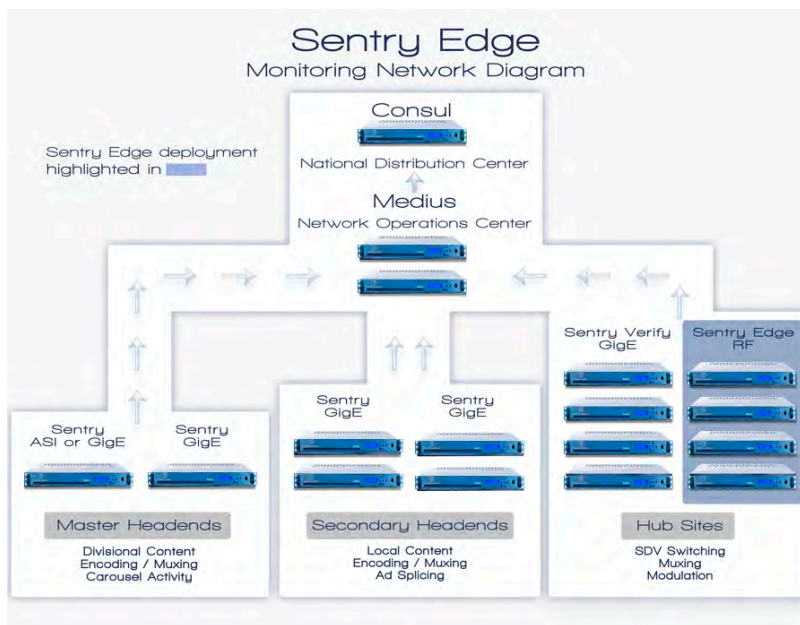
1000BASE-T Ethernet interface

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 Edge monitors the edge of the network just before content is sent to subscriber homes. Typically operators use Sentry to validate the video and audio quality (QoE) of their digital content in the video headend; Sentry Verify to report on video-over-IP transport issues on the programs that are received downstream at the hub sites; and Sentry Edge for monitoring services post QAM.

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