Tektronix®

Digital Content Monitors

Consul System Monitor • VNM-CON Datasheet

Consul™ is typically located at a Network Operation Center (NOC) and provides an ideal solution for correlating and managing data from Medius units located throughout the network.

Key features

- Program alert dashboard provides single consolidated view of all programs across all Medius units
- Supports multiple Medius units
- Automatic report generation and e-mail in PDF format per user-defined schedule

Applications

- Generate alert analysis reports with roll-up data collected from multiple Medius units

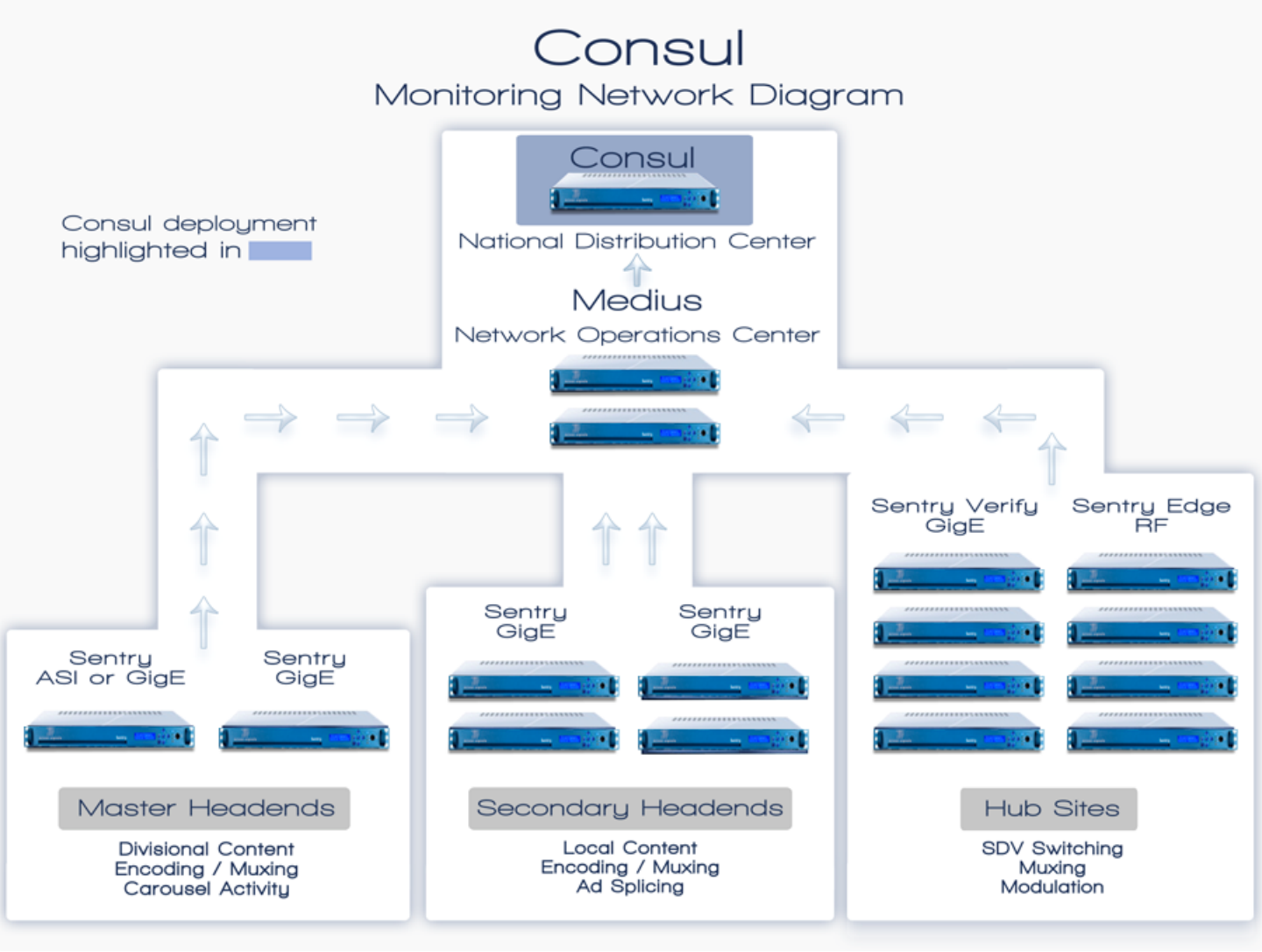
QoE monitoring across networks

Consul™ aggregates reports and trending data from multiple Medius units and offers video service providers an effective way of utilizing monitoring data in large-scale monitoring deployments.

Consul can be used by service providers to gain a quick understanding of the quality of experience they are providing on a local, regional, or national level. Key features of Consul include a program alert dashboard that gives a single consolidated view of all programs monitored across all Medius units. The dashboard quickly alerts service providers to issues occurring across the network. In addition, Consul provides an understanding of the video quality degradation from location to location and identifying the top offending programs at each location.

Capturing detailed QoE (Quality of Experience) information is a function of the Consul advanced reporting package. The reporting capabilities allow each user (i.e., a national NOC/operation center) to generate customized reports that provide as much or as focused detail as required, from monthly high-level reports for executive staff to immediate notices for technicians as incidents occur.

Users can create a schedule template so that reports can be generated automatically and e-mailed to designated recipients. Examples of the reports include alert counts by location, trending reports, and distributions by alert type.



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Specifications

Interface characteristics

Browser support	Firefox, Safari, and Internet Explorer
MPEG/IP input port	1000BASE-T Ethernet interface
Management port	1000BASE-T Ethernet interface

Physical characteristics

Dimensions	
Height	50.8 mm (2 in.)
Width	432 mm (17 in.)
Depth	381 mm (15 in.)
Weight (net)	9.2 kg (20.3 lb.)
Power requirements	100-240 VAC, 50-60 Hz

Environmental characteristics

Max storage temperature	70 °C
Max operating temperature	35 °C
Max humidity	85%

Ordering information

Models

VNM-CON	Consul System Monitor

Instrument options

Power plug options

Opt. A0	North America power plug (115 V, 60 Hz)
Opt. A1	Universal Euro power plug (220 V, 50 Hz)
Opt. A2	United Kingdom power plug (240 V, 50 Hz)
Opt. A3	Australia power plug (240 V, 50 Hz)
Opt. A4	North America power plug (240 V, 50 Hz)
Opt. A5	Switzerland power plug (220 V, 50 Hz)
Opt. A6	Japan power plug (100 V, 50/60 Hz)
Opt. A10	China power plug (50 Hz)
Opt. A11	India power plug (50 Hz)
Opt. A12	Brazil power plug (60 Hz)
Opt. A99	No power cord

Service options

VNM-SUP	One-year service support
VNM-SUP-REN	Renewal of one-year product support

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Tektronix is registered to ISO 9001 and ISO 14001 by SRI Quality System Registrar.

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