Network Management

ROSA™ Analog Headend Backup – Automation and Redundancy

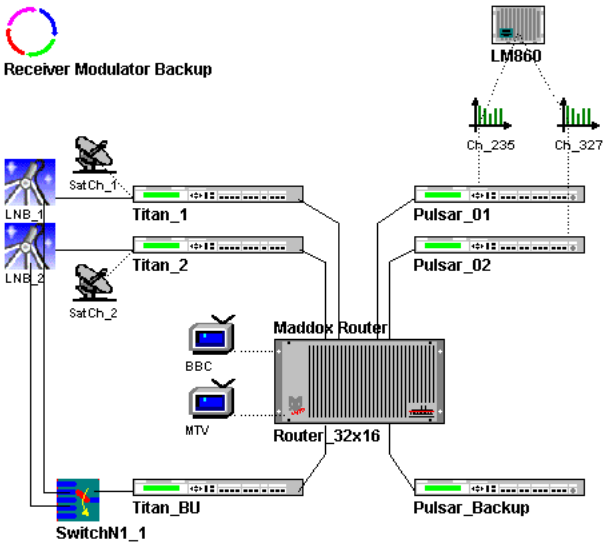
Description

ROSA™ Element Manager's Analog Headend Backup Task provides automatic backup for outgoing TV channels in the case of a receiver or modulator failure.

The Analog Headend Backup Task has two parts: a receiver backup and a modulator backup. Both backup software modules work independently, but if required, they can exchange information. The modulator backup module also includes backup for up-converters.

The task uses equipment alarms and alarms from the Scientific-Atlanta's Line Monitoring device LM 860™ to trigger the reroute of the signals to the available backup equipment.

Point-to-multipoint topologies are also supported. The frequency plan of the remote site(s) can be different from the frequency plan of the local site.



Features

- Support for receivers, decoders, modulators and up-converters
- Different router configurations are supported: full router, backup router, …
- Support of point-to-multipoint topologies
- The task collects the headend topology from the ROSA interconnection database
- Triggered by device alarm, I/O contact closure or channel alarm from LM 860
- Operator has full control of the task
- Task behavior and topology examples are described in the User's Guide of the task

ROSA Analog Headend Backup

Specifications

Additional Features	
User Interface tabs	
Task Control	Allows to initialize, start and stop the task. The task can also start automatically after a server reboot.
Backup Status	Visualization of the headend status concerning backup actions.
Backup Devices	Specification of the backup devices in the headend.
Backup Map	Mapping of devices to backup devices.
Settings	Customization of the backup timing according to the headend setup.
License	Server based license (see ROSA documentation). Enabled by the supply of the necessary license key(s).
Installation	From ROSA CD

Requirements	
ROSA	Installation of ROSA 3.0 or later version
Server	See ROSA User's Guide for information

Ordering Information

Automation and Redundancy	Part Number
Analog Headend Backup (Receiver Modulator Backup)	
RMB Support for Modulators/Up-converters (Pulsar™, VSBM 200™, Orion™, Sirius™, CC 200™, Gemini™, Lynx TX™, Lynx RX™)	V9529654
RMB Support for Receivers (SAT 200™, VSD 200™, Titan IRD™, Marco Polo™)	V9529650
RMB Support for MPEG-2 Decoders (Mira™)	V9529716
RMB Support for External Trigger option (UDD)	V9529715

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