



Network Management Software Solutions
Advanced Performance Management - SAPM -

Scientis Advanced Performance Management - SAPM -

SAPM provides a comprehensive and easy method to analyze radio access network performance information, and includes unique features presented in a user friendly Web-based Graphical User Interface. The key functionality includes an advanced reporting system with a range of rich, intuitive configuration possibilities, allowing the operator to have a complete overview of the performance of his network over a user specified time period. Moreover, SAPM stores information in a database allowing exports to 3rd party Warehouse Performance Systems. The key aim of SAPM is to allow the operator to perform preventative maintenance, without sending resources to site. Early diagnosis of downward trends in network or link performance can allow substantial savings in Operational Expenditures.

Solution Approach

Our SAPM software tool runs along side existing NMS systems or runs totally independent of any existing NMS systems and as an add-on.

Performance Information

SAPM collects data based on:

- ✓ ITU-T G.826, ITU-T G.828
- ✓ RMON RFC 1757
- ✓ RX Level
- ✓ AMR
- ✓ Inventory
- ✓ Other data possible on request

Advanced Reporting Structure

PDF, CSV as well as XML reporting covering early warning, graphing of each Network Element and its alarm thresholds, inventory and performance data.

Network Reports:

- ✓ Network Threshold Report
- ✓ PMON Statistic Report

Link Reports

- ✓ Correlation Report
- ✓ Link Alarm Report
- ✓ Link AMR Report
- ✓ Link Detailed Report
- ✓ Link PMON Report
- ✓ Link RX Level Report
- ✓ Link Summary Report
- ✓ Link Threshold Report

Custom Reports

- ✓ User defined criteria's

Network Element Reports

- ✓ Network Element Alarm Report
- ✓ Network Element AMR Report
- ✓ Network Element Detailed Report
- ✓ Network Element PMON Report
- ✓ Network Element RX Level Report
- ✓ Network Element Summary Report
- ✓ Network Element Threshold Report

Efficient Data Collection

Collects performance data directly from the Network Element or from Network Management System.

Intuitive and user friendly web-based GUI

Interface to quickly access historical data over a user specified time period.

Extensive information overview

Providing a list of each Network Elements on alarms, thresholds, inventory and overview.

Export Functions

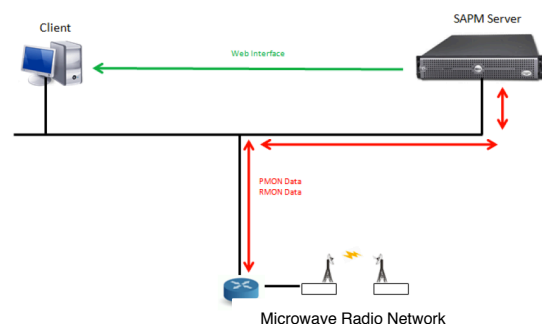
Northbound interface available for information to be exported to 3rd party performance and inventory warehouse systems.

Reduced Operational Costs

User defined thresholds and time intervals to allow early warning identification.

Architecture

Shared with 3rd party NMS or as Standalone.



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