

## Dashboard Reporting & Analytics

*Coriant® Network Management and Control Services*

### ENSURING EFFECTIVE NETWORK MONITORING AND OPTIMIZATION

Operators responsible for today's fast-paced communications environments require continuous visibility to key metrics. They are often challenged to quickly identify critical information from large amounts of raw data. The fast conversion of raw data into timely trend reports enables proactive analysis and configuring of transport infrastructure to optimize network performance and accelerate return on investment. Coriant® Dashboard Reporting and Analytics are customized reporting solutions that complement Coriant® Network Management System (NMS) solutions to provide easy access to the most crucial network health and performance indicators for each operator. Operator data is compiled, analyzed, and visually presented as intuitive graphs and tables, and related reports are linked to simplify access to further detail.

### OFFERING A CUSTOMIZED INTERFACE DESIGN WITH SIMPLIFIED ACCESS

The Dashboard Reporting and Analytics service solutions present data in a standard web browser. Reports can be read anywhere without any additional specialized user interface. Data export is available to other formats such as csv, pdf, or email notifications.

#### Example Views

The displays available for Dashboard Reporting and Analytics are tailored to highlight the most important information for each operator, including the following example views:

- Executive Summary
- NOC Overview with drill-down reports
- Strategic Planning with immediate and longer term views
- Spares Management with up-to-date node inventory

#### Modular Dashboard Design

The dashboard is designed to enable the operator to customize the screen by selecting one or more standard modules to simplify and standardize the information for viewing. These standard modules enable quick turnaround of service delivery from the initial requirement specification to the customization of data analysis and display for each operator. Standard modules include:

- Network Capacity Planning
- Network Health Check
- Network Resilience
- Network Inventory
- SLA Monitoring
- Fiber and Wave Monitoring

### BENEFITS OF CORIANT® DASHBOARD REPORTING & ANALYTICS

- **Reveals** trends to enable proactive analysis and configuration of transport infrastructure
- **Delivers** insight to correlate key data to specific actions
- **Provides** information gathering easily tailored to customer-specific needs
- **Presents** key network indicators in intuitive, quick-read format
- **Projects** network capacity needs to prepare for future requirements
- **Ensures** secure data storage at customer premises
- **Supports** option to be fully maintained and optimized by Coriant experts
- **Offers** fast reporting for timely information delivery
- **Enables** opportunities for third-party data integration



## PROVIDING CORIANT DEPLOYMENT AND MAINTENANCE AT THE CUSTOMER PREMISES

Data storage and report generation is maintained securely at the operator's premises to ensure the confidentiality of information and avoid the unnecessary transfer of excessive amounts of raw data. For data collection, both the NMS and Network Elements are used as sources for consistent, updated information.

With an annual subscription, Coriant maintains the entire solution remotely via a secure VPN connection. Installation, upgrades, and maintenance are included in the comprehensive reporting service, as updated NMS and element software release versions are available.



Figure 1: Example of a selected Trunk Traffic view

## CUSTOMIZING SOLUTIONS WITH CORIANT NETWORK MANAGEMENT AND CONTROL SERVICES

The Dashboard Reporting and Analytics solutions are delivered by the Coriant® Network Management and Control Services team. This is a global team with proven expertise in network management systems, analytics, automation, and reporting. Whether driven by network evolution through upgrades, installations, migrations, complex database solutions, customized tools, audits, northbound interfaces, or reporting systems, Network Management and Control Services solutions are tailored to each customer's business needs.

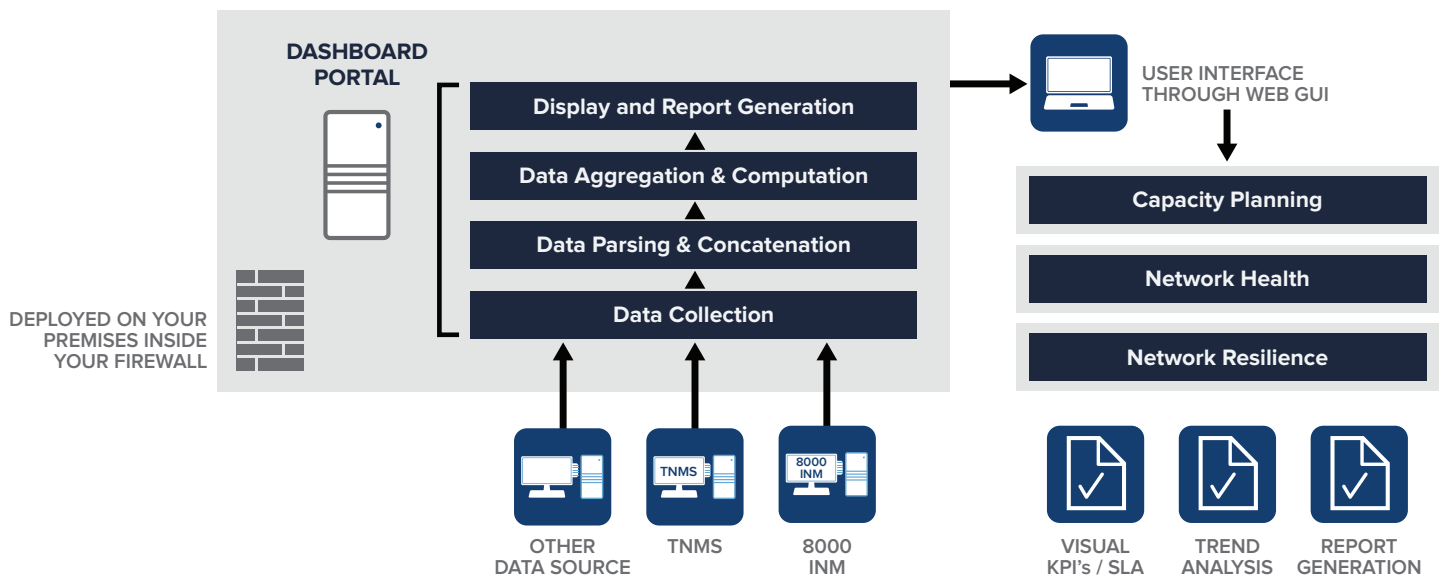


Figure 2: Dashboard Reporting and Analytics System Architecture

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