

Dashboard Reporting and Analytics

Infinera Network Management and Control Services

ENSURING EFFECTIVE NETWORK MONITORING AND OPTIMIZATION

Operators responsible for today's fast-paced communications environments require continuous visibility of 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 the proactive analysis and configuration of transport infrastructure to optimize network performance and accelerate return on investment. Infinera Dashboard Reporting and Analytics are customized reporting solutions that complement Infinera 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 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 INFINERA DASHBOARD REPORTING AND ANALYTICS

- **Reveals** trends to enable proactive analysis and configuration of transport infrastructure
- **Delivers** insights to correlate key data to specific actions
- **Enables** 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 Infinera experts
- **Offers** fast reporting for timely information delivery
- **Enables** opportunities for third-party data integration



PROVIDING INFINERA DEPLOYMENT AND MAINTENANCE AT 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, Infinera 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 INFINERA NETWORK MANAGEMENT AND CONTROL SERVICES

The Dashboard Reporting and Analytics solutions are delivered by the Infinera 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.

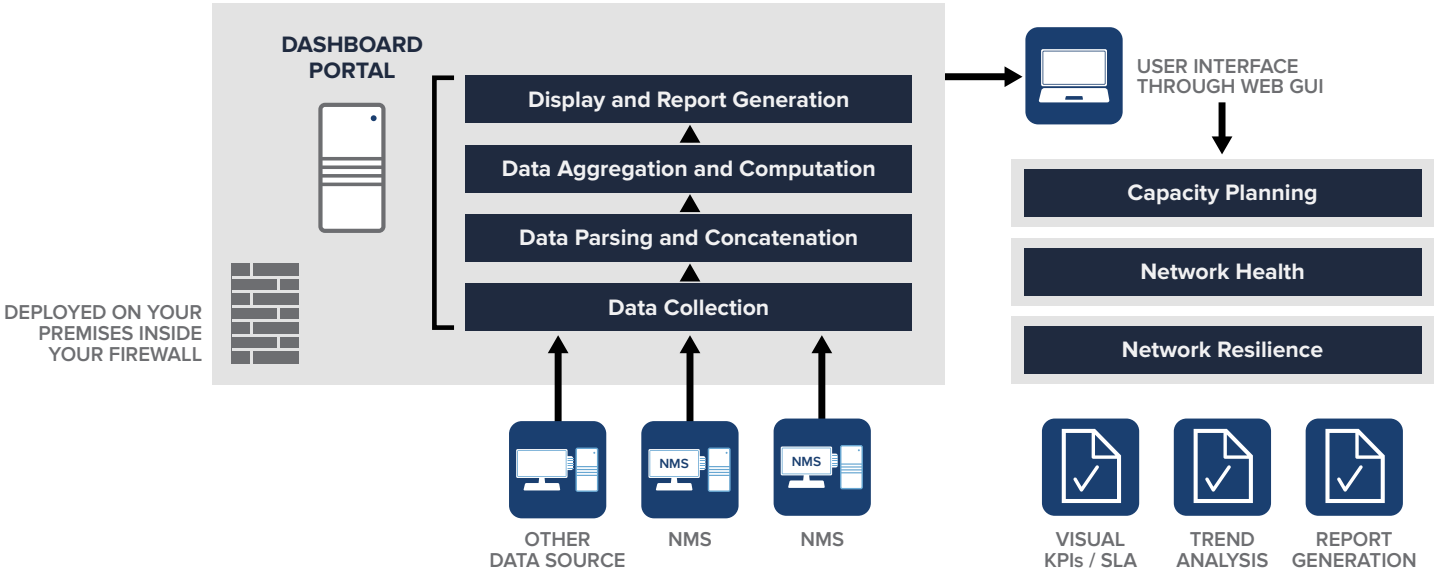


Figure 2: Dashboard Reporting and Analytics System Architecture

ENSURE SUCCESS WITH INFINERA SERVICES

When you choose Infinera Services, you gain a level of expertise rooted in decades of successful deployments. You get the global scale and proven expertise you require, enhanced by the speed, personal service, and peace of mind you've always wanted.

It's called the Infinera Services Experience. And for you, it means:



Personalized
Services



Rapid
Resolution



Unrivaled
Support



Accelerated Time
To Revenue



Peace of
Mind

Network owners and operators worldwide rely on Infinera Services to deploy, operate, and optimize their critical network infrastructure. Shouldn't you, too?

To learn more, contact your Infinera account representative or visit us at www.infinera.com/services.

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