Ensemble Controller

Ensemble Optical Director

Advanced service-based management

Benefits

- **Comprehensive service overview**
  Quick identification of faulty services for immediate action on network problems relevant to the customer

- **Detailed service information**
  Service details such as administrative status, operational status, start and end points and intermediate network elements/modules are shown

- **Advanced service visualization**
  Graphical view of the service with various options on the level of details

- **Simplified and error-free service creation**
  Intuitive GUI with service provisioning wizard, service templates and the optional explore path function; users must only enter the start and end points

- **Multi-technology coverage**
  One tool for managing TDM, Ethernet and SAN services over Adtran's WDM and OTN transport solution

- **Positive customer experience**
  Comprehensive alarm reporting and extensive error-tracking routines for quick fault localization and resolution of service impairments

Overview

Telecommunication networks are constantly growing and so are the number and variety of services running on them. Automated end-to-end service provisioning and management are essential to efficiently deal with this complexity. With our Ensemble Optical Director, you can easily turn up and track services in your optical transport network at the click of a button, enabling you to focus on services and revenue opportunities rather than complex service activation processes and time-consuming network maintenance.

Our Ensemble Optical Director, part of our advanced Ensemble network management and control solution suite, streamlines the end-to-end delivery and maintenance of optical services across networks. Its intuitive graphical user interface (GUI) with a service-provisioning wizard enables the creation of end-to-end services within seconds, and without the need to drill down to the configuration of network elements. Service templates simplify this process even more and ensure that service set up is done in accordance with standard requirements. End-to-end monitoring of service performance is also a key feature of our Ensemble Optical Director. Several views are available, providing an immediate operational status overview and enabling a quick diagnosis and resolution of network problems.
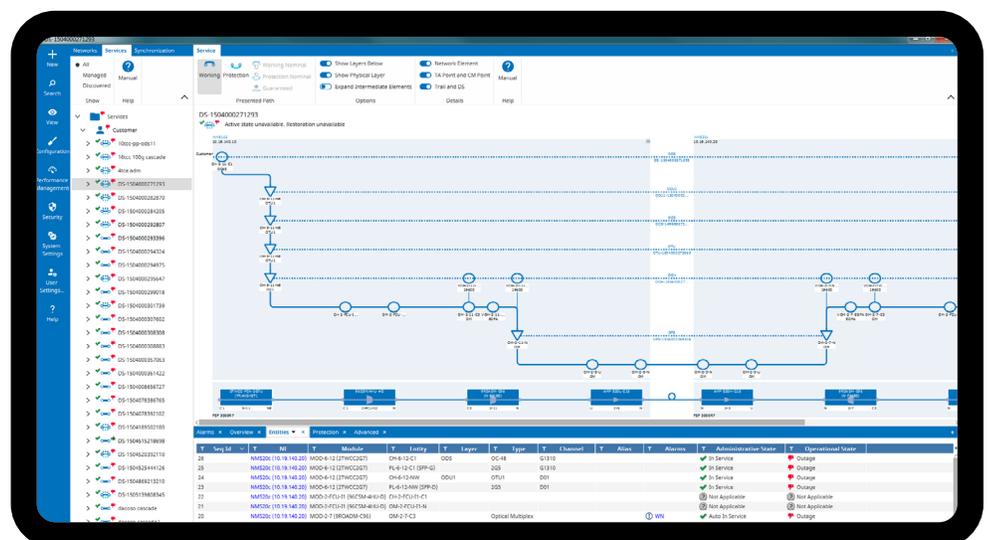
ENSEMBLE OPTICAL DIRECTOR

High-level technical specifications

Service provisioning
- End-to-end service provisioning
- User guidance by wizard
- Manual routing or automatic routing

Supported service types
- Unprotected
- Protected
- Restorable
- Combination of protected and restorable

Service visualization
- Graphical display
- Listings
- Physical layer details

Service reporting
- Service inventory reporting
- Service alarm reporting
- Service performance reporting

Fault management
- Mapping of element alarms to services
- List of alarms of service
- Indication of service status
- Security events of service

Customer assignment
- Customers & customer groups
- Status of customer services
- Reporting on customer service level
- Restricted access on customer level

Applications in your network

Advanced service-based management solution for end-to-end provisioning and monitoring

- Flexible creation of resilient services
- Status overview and details on end customer services
- Fully integrated into Ensemble Controller solution suite