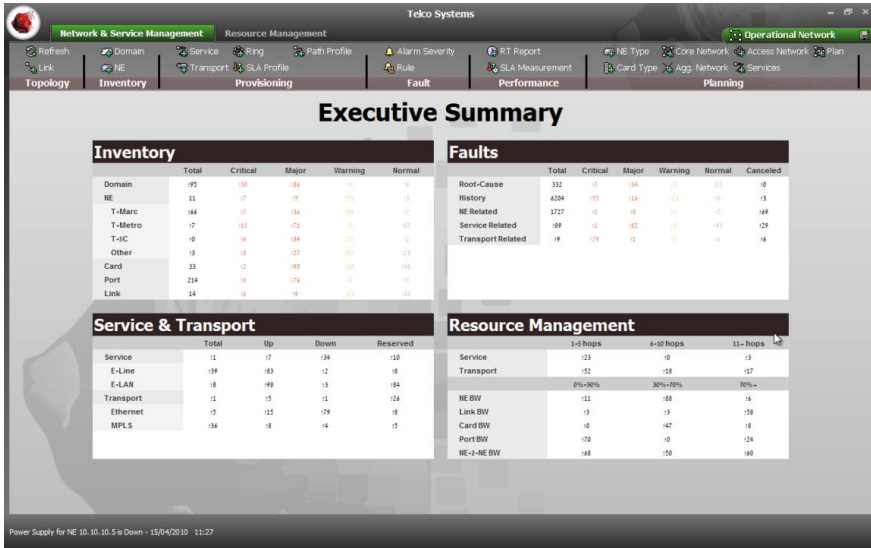Telco Systems' EdgeGenie service management platform with advanced planning and resource management functionality offers a complete solution for full life cycle of network deployment from planning to managing, monitoring and maintaining services over Carrier Ethernet and MPLS networks.

Executive Summary

Inventory

	Total	Critical	Major	Warning	Normal
Domain					
NE	11				
T-Marc					
T-Metro					
T-5C					
Other					
Card	33				
Port	214				
Link	14				

Faults

	Total	Critical	Major	Warning	Normal	Canceled
Root-Cause	332					
History	6204					
NE Related	1727					
Service Related						
Transport Related						

Service & Transport

	Total	Up	Down	Reserved
Service				
E-Line				
E-LAN				
Transport				
Ethernet				
MPLS				

Resource Management

	1-5 hops	6-10 hops	11+ hops
Service			
Transport			
	0%-30%	30%-70%	70%+
NE BW			
Link BW			
Card BW			
Port BW			
NE-2-NE BW			

Power Supply for NE 10.10.10.5 is Down - 15/04/2010 11:27

MAJOR APPLICATONS

- Network Management
- Service Management
- Resource Management/Optimization
- Network/Service Planning

1 **Network Management System** with advanced FCAPS functionality providing a full control of Carrier Ethernet and MPLS networks.

2 **Service Management System** enabling and monitoring end-to-end services over Ethernet and MPLS networks. Advanced path computation algorithms, "point and click" provisioning and provisioning through 3rd party vendors' MPLS cloud, lowering OPEX by dramatically reducing complexity of service provisioning.

3 **Resource Management and Optimization** application provides carriers and service providers profound understanding of their network bottlenecks, allowing them to better utilize their existing network without additional CAPEX spending.

4 **Network and Service Planning** allows carriers to run "what if" scenarios on their existing network topology, experiment with new topologies and services planning or estimate enhancements to their existing operational network.

5 **SLA Manager** for defining, measuring and analyzing customer SLAs. Threshold crossing alarms (TCAs) provides indication before SLA breach.

6 Real-time and historical **performance management** for 360° view of the service key performance indicators and key quality indicators.

7 **Device Manager** provides a real-time craft interface to manage all supported devices.
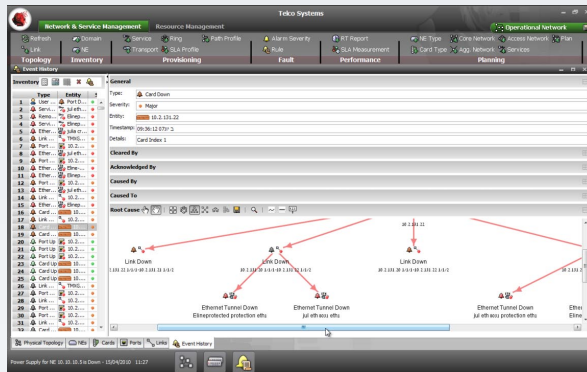
Telco Systems
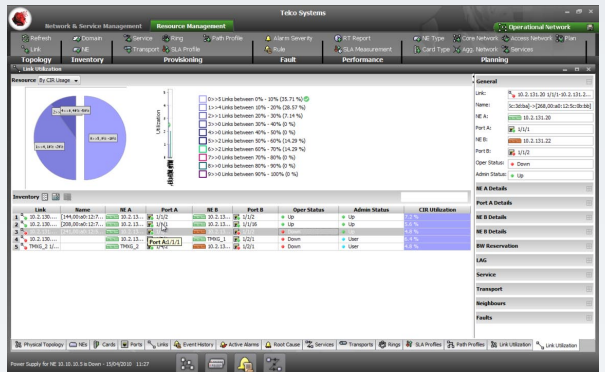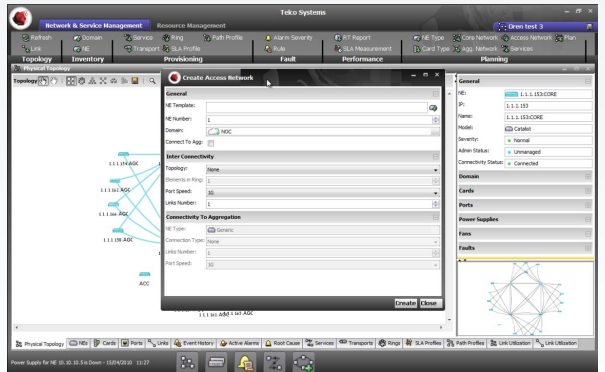A BATM Company

ETHERNET SERVICE MANAGEMENT
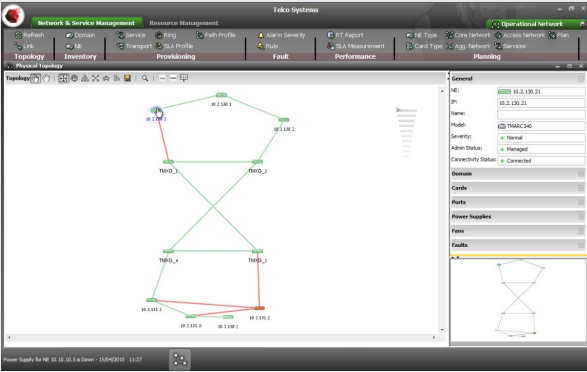
Physical Topology
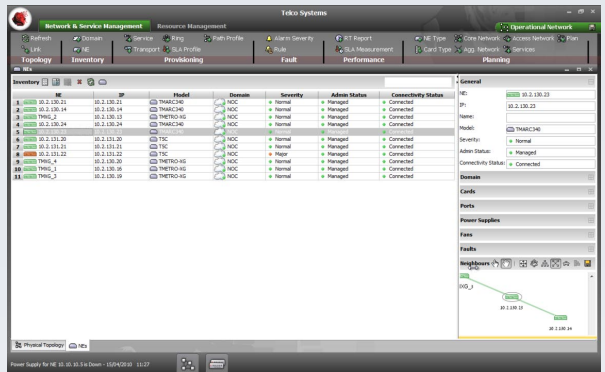
Inventory

Faults - Root Cause Analysis

Link Utilization
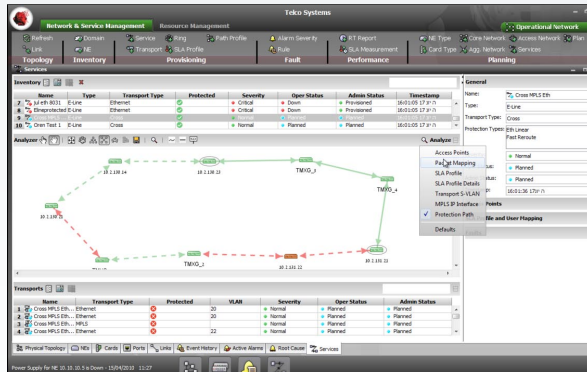
Service Analyzer

Network Planning