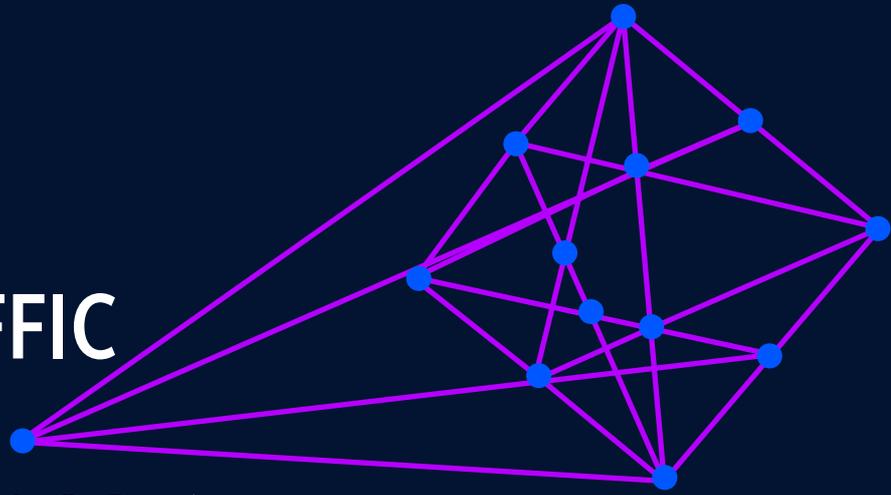




MULTILAYER TRAFFIC ENGINEERING & OPTIMIZATION (NAOPT)



SWEAT YOUR (FIBER) ASSETS

Networks have become a complex patchwork of layers, technologies and vendors. Making the most of your investment often requires countless man hours, and information not readily available. Why not arm your network operations and planning departments with the insights and information to properly maintain, design and re-engineer your networks? ECI's Multilayer Traffic Engineering and Optimization service (NAOPT) can help.

Using multiple sources of data, big data analytics and machine learning the service yields a comprehensive, end-to-end view of network assets for improved optimization, reduced TCO and better service availability, all imperative for today's networks as well as the advanced networks of tomorrow. ECI's Multilayer Traffic Engineering and Optimization, the newest addition to the ELASTIC ANALYTICS suite of services, enables network operators to make proactive, knowledge-driven choices.

Benefits include:



Improve Network Availability & Performance

- Understand network utilization
- Identify potential threats and design flaws



Optimize Network Planning

- Reclaim network resources
 - Discover bottlenecks
- Conduct what-if analyses



Minimize Operational Costs

- Automate manual tasks
- Better manage spare parts
 - Reduce errors

This unique, effective and multi-layer service scans every network element beginning at the fiber layer, and thoroughly analyzes every associated path. A color-coded map is then produced which provides a clear end to end view, across vendors. It identifies stress points, single points of failure (SPOF) and potential dangers of over-utilization. This enables network architects to better engineer the network: to design alternative routes, provision services and offset utilization to avoid congestion and optimize network efficiency.



The Results:

Network Infrastructure Analysis <ul style="list-style-type: none"> • Network Statistics (KPIs) • Topological Analysis • Impacted & Degraded Traffic 	Troubleshooting <ul style="list-style-type: none"> • Failure Analysis • Network Vulnerabilities • Single Point of Failure (SPOF)
Network Growth & Optimization <ul style="list-style-type: none"> • Flow Analysis • WHAT-IF Scenarios • Traffic Load Balancing 	Traffic/Network Reengineering <ul style="list-style-type: none"> • Link Outage Management • Loop Haul Analysis • Network Bandwidth Utilization • Traffic Optimization

Here are examples of some who have already benefited from ELASTIC Analytics:

Success Stories	Country	Selective examples of Elastic Analytics Success Stories
Reclaim network resources	Russia	Improved multi-layer design from the fiber layer. Network efficiency was optimizing based on actual traffic patterns and utilization analysis.
Predict impact of new services	Israel	WHAT-IF scenarios predicted the impact of each planned or additional service. This helped to determine path optimization which derived optimal results
Preventive strategy	India	Advanced analytics improved the network performance, throughput, availability and reliability. It provided an insight-based preventive strategy that delivered growth in revenue through increased network availability and minimization of hardware breakdowns

Contact us today to see how Multi-layer Traffic Engineering & Optimization can help you

ABOUT ECI

ECI is a global provider of ELASTIC network solutions to CSPs, critical industries, and data center operators. With the advent of 5G, IoT, and smart everything, traffic demands are increasing dramatically, and network operators must make smart choices as they evolve their infrastructure. ECI's Elastic Services Platform leverages our programmable packet and optical networking solutions, along with our service-driven software suite and virtualization capabilities, to provide a robust yet flexible solution for any application. ECI solutions are tailored for the needs of today, yet flexible enough to meet the challenges of tomorrow. For more information, visit us at www.ecitele.com.

