

EMS/NMS PRODUCT DEVELOPMENT & MAINTENANCE

for a Network Equipment Manufacturer



Services: Product Engineering & Innovation, Network Transformation, Professional Services

OVERVIEW

The customer is a **\$500mn** Global Manufacturer of Communications Network Equipment & Solutions. Customer wanted to develop elements managements system to monitor 3000+ Network Elements and 50,000 PTP Client Elements.

CHALLENGES



Inability of the current management system to support automatic discovery of Network Elements



Lack of a centralized deployment and management of Network Elements which are critical for business delivery

SOLUTION INNOVATION

- 1 Developed web-based management system for time, frequency and sync network elements
- 2 Developed comprehensive FCAPS management functions
- 3 Multi-tier software architecture
- 4 User preference dashboard customization
- 5 Third party SNMP PTP client status collection & SNMP agent discovery
- 6 Southbound plugin support – TL1, SNMP, TR69



OUTCOMES

- Lower cost with guaranteed support
- Better scalability and performance with modular multi-tier architecture – server, client and DB
- Automatic and continuous data replication

