

# CORRELATOR TRS

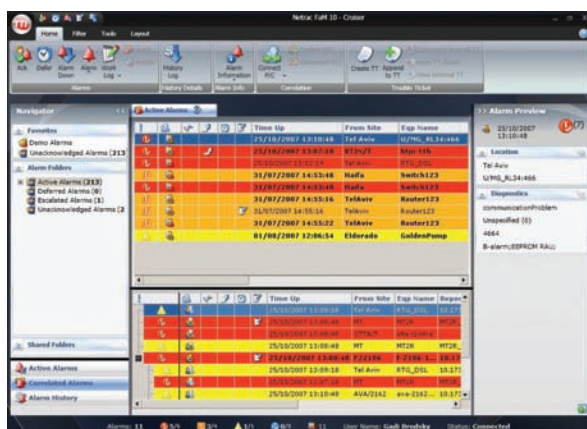
## NETRAC FAULT MANAGEMENT

# CORRELATOR TRS

### IDENTIFY ROOT-CAUSES OF NETWORK FAILURES

Communication Service Providers (CSPs) are challenged with managing large multi-vendor, multi-domain, multi-technology networks and need to deliver a high quality of service to their customers. Efficient management of these networks reduces operating costs by quickly identifying and resolving the root causes of network and service failures.

Correlator TRS (Topology-based Reasoning System) is TTI Telecom's patented probabilistic root-cause analysis system that identifies the root causes of network failures in a multi-vendor, multi-domain and multi-technology environment. Such failures are common in IP, ATM, wireless, and TDM-based (SONET/SDH, DWDM, PDH) core and access networks. TTI Telecom customers use Correlator TRS to significantly reduce the volume of alarms.

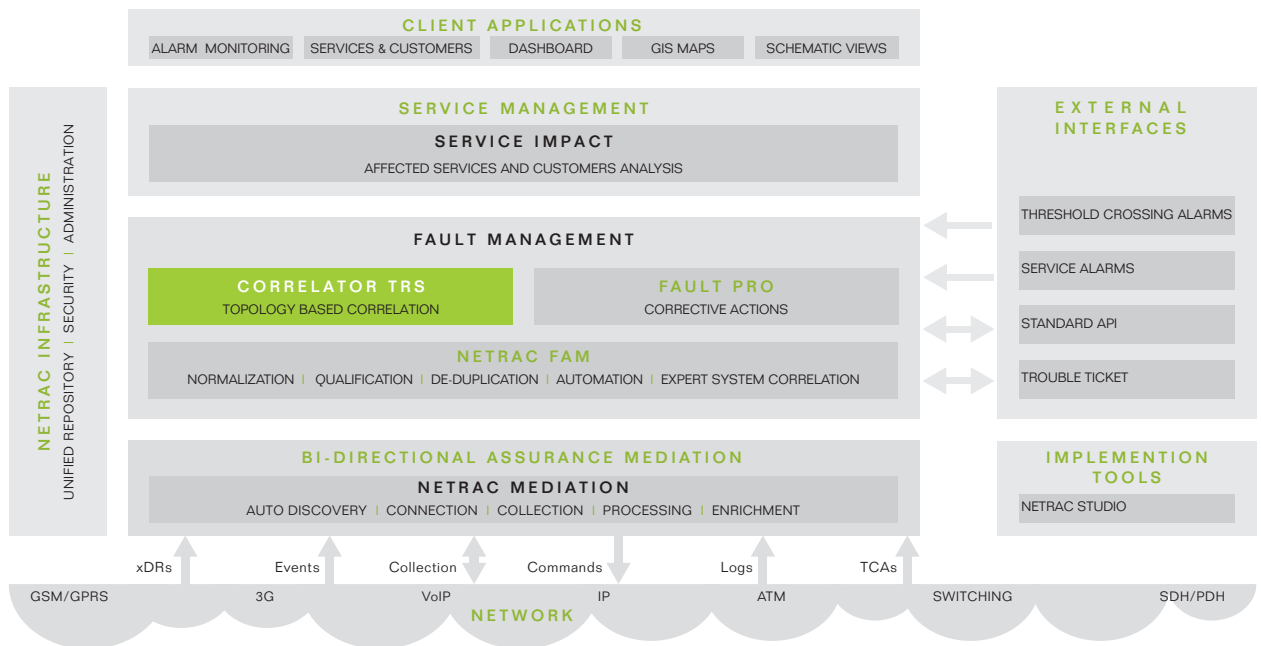


TRS Correlated Alarms

### BENEFITS AT A GLANCE

- Increases efficiency and improves Quality of Service (QoS).
- Achieves Low Total Cost of Ownership (TCO) by using a minimal set of vendor and equipment agnostic correlation rules which minimize the need for continuous manual updates.
- Cuts operating costs by eliminating the need for manual rules-updates due to topology changes.

Topology-based correlation systems use the topological relationships between network elements to deduce cause and effect relationships between alarms. CSPs will therefore experience significant alarm reduction and be able to resolve problems faster. Correlator TRS patented probabilistic reasoning algorithm enables the identification of root causes even when some alarms arrive late or do not arrive at all. Using Correlator TRS can increase service availability, decrease operational cost and provide improved customer experience.



## KEY FEATURES

- Identifies the root causes of network failures in a multi-vendor, multi-domain and multi-technology environment.
- Correlation rules for alarm analysis identify the root causes and symptomatic child alarms.
- Creates a derived alarm when no alarm in the group adequately describes the root-cause.
- Suppresses false alarms generated as a result of maintenance activities.
- Uses a patented probabilistic reasoning algorithm to make correct decisions when some alarms arrive late or not at all.
- Provides an easy-to-use GUI that enables simple rule writing. No more if-then-else rules!

## INCREASE SERVICE QUALITY AND DECREASE OPERATIONAL COSTS

TTI Telecom's patented Correlator TRS takes correlation to a new level by isolating the exact location of faults faster than ever. Operators can focus on solving problems, rather than spending valuable time locating them. The immediate results are shorter MTTR (Mean Time to Repair), higher network and service availability, fewer disruptions to customers, lower operational costs and improved profitability. All these operational benefits translate into the clear, strong business edge that Correlator TRS presents.

TTI Team Telecom International Ltd. (Nasdaq: TTIL) is a leading provider of next generation Operations Support Systems (OSSs) to Communications Service Providers (CSPs) worldwide. For incumbent and emerging CSPs in the fixed, mobile and cable markets, we provide robust OSS solutions that help manage their networks and services effectively. Our Netrac product portfolio delivers an automated, proactive and customer-centric approach to Service Assurance, including Fault Management, Performance Management and Service Management, complemented by network synchronization and activation. Netrac is compatible with multiple technologies and industry standards, and is uniquely positioned to converge legacy and next-generation networks.

#### North America

2 Hudson Place, 6th Floor  
Hoboken, NJ 07030  
Tel: +1 201 7953883 ext.200  
Fax: +1 201 7953920

#### International

12 Amal Street, Afek Park  
Rosh Ha'ayin, Israel 48092  
Tel: +972 3 9269700  
Fax: +972 3 9221249

**For more information about our products and solutions:**  
[www.tti-telecom.com](http://www.tti-telecom.com)

**Legal and copyright notice:** All rights reserved by TTI Telecom Team Telecom International Ltd. (including its affiliates and licensors). The information, specifications and other materials contained in this document are general and subject to change without notice.