



NETWORK OPERATIONS MADE SIMPLE

TUPL UNIFIER

Track your key data all in one place. Say goodbye to siloed data!

Advanced Visualization

Managing telecom networks is a daunting challenge of integrating data sources from multiple third-party solutions. Companies are hard pressed to access all parts of a network in one location, in spite of the development of intricate operational support systems. Many of these are based on the same old architectures

of the legacy networks. Tupl Unifier acts as a single pane of glass to collect network and customer data from multiple sources and store it so that fast, cross-correlated analysis can be performed, including:

Customer data such as geo-location records, call performance, service performance

Network status such as network performance KPIs, alerts and anomalies; configuration parameter values, changes and discrepancies; faults, trouble-ticket and work-order events

Unifier also integrates with Tupl Apps delivering automation to operational use cases.

BEFORE TUPL

You monitor your network with multiple data sources and products



AFTER TUPL

Tupl syncs data into one location so you can focus on your network



Key Benefits:

- ✓ Simplified access to data: a single-pane-of-glass
- ✓ Built-in Big Data smarts: Network Performance and Status Health flags
- ✓ Powerful, analytical tools: multi-dimensional radar, top offenders, trends, geographical correlation map
- ✓ Automation: network status workflow, problem investigation and resolution
- ✓ Operational use cases: Real-time for fast MTTR; Smart prioritization of needed actions
- ✓ Engineering use cases: Analysis oriented design, drill-down investigation

Key Features:

- KPI Editor:** Design your own KPIs in just a few seconds, with time-spatial-custom aggregation
- Alert Editor:** Alerts for a combination of metrics, based on static and dynamic thresholds
- Anomaly Detection:** ML based, generates smart alerts based on variations compared to previous time period. No need to predefine any thresholds!
- Dashboard:** Online dashboard, with user selected views
- Unifier Correlation View:** see Area Analysis and Network Problem Resolutions
- Specialized Views:** network performance, alarms, configuration parameters; geo-location, call performance, service performance, etc.

Business Impact:

- Engineers no longer waste time**
Tupl Unifier brings all your data into an interactive dashboard for nationwide, regional, and cluster-level visibility, with a comprehensive top-to-bottom view and synchronized data in one location so you can focus on the health of your network.
- Save up to 50% of investigation time** with immediate access to all data
- Collect data from 6+ data sources** into one clear unified view
- Get automatic notifications** when there are anomalies in your data
- Tupl Unifier brings both into a more **structured & visible workflow**