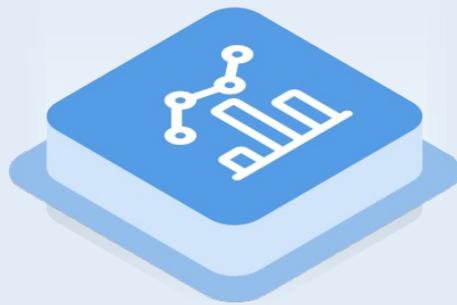


TUPL UNIFIER PM

Network performance management tool with multi-cloud support and integrated automation.



Advanced visualisation

Managing telecom networks can be a daunting challenge. It requires integrating data sources from multiple third party solutions, while there is a need to access all parts of a network in one location.

On top of that, legacy performance management (PM) tools are typically not flexible or scalable, and often don't work across multiple vendors.

Tupl Unifier PM ensures native integration between the AI based automation solution and your Network Performance Management system, which is a key practical element for successful automation.

It also acts as a single window into all your network and customer data, storing it quickly so that you can easily perform cross-correlated analysis.

Data sources

Network Performance Optimization

Performance Management

Configuration Management

Geolocated Traces (GEO)

Mobile Quality Agents

FM Alarms

Coverage Predictions

NOC Supervision

FM Alarms

Network Probes

Social Networks

Node Tickets

Work Orders

Engineering Customer Support

Customer Tickets

Voice & Data CDRs

Provisioning Records

Before Tupl

You have to monitor your network with multiple data sources and products



Key benefits

- Simplified access to data: a single window into data.
- 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.
- Small hardware footprint and cloud support to reduce TCO (Total Cost of Ownership).



After Tupl

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



TUPL UNIFIER PM
also integrates with Tupl
Apps delivering
automation to
operational use cases.

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; it generates smart alerts based on variations compared to previous period. No need to predefine any thresholds!
- Dashboard: Online dashboard, with user selected views.
- Unifier PM Correlation View: see Area Analysis and Network Problem Resolutions.
- Specialized Views: network performance, alarms, configuration parameters; geo-location, call performance, service performance, etc.
- Cloud and multi-vendor support.

Business impact

- **Save valuable engineering time** – Tupl Unifier PM 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 20+ synchronized data sources** into one clear unified view.
- **100% Data anomalies check** - Get automatic notifications when there are anomalies in your data.
- Tupl Unifier PM brings a more **structured & visible workflow**.
- **Reduce Total Cost of Ownership.**

