Mapgl Network Topology (Sep 2026)

Open source Panel plugin for Grafana	**Professional Support • from $499 / month** **Extensions Access • $1,199 / year *** * Covers up to 3 self-hosted Grafana instances

Code repository
github.com/vaduga/mapgl

Demo panels
play.mapgl.org

Get support
mapgl.org/pro

Features:

- One-click installation via the Grafana Catalog
- **Node Graph** with subgraphs and layered autolayout
- **Geomap** view with basemap and style configuration in the UI
- Dual render modes: multi-hop routes and direct arc view
- Bi-metric arc rendering for network interface load (TX/RX)
- Advanced styling for nodes and edges, with group-level overrides
- Ad hoc filter for node groups in the legend
- Dynamic drill-down links to external panels
- Grafana alerting states with history projected onto nodes
- Minimal requirements: a unified data frame for nodes and edges, with no fixed field names
- Full support for Grafana field configuration: thresholds, data links, units, mappings

Data Requirements

- Link metadata, Geo-coordinates (if applies), additional node and edge properties from JSON API, PostgreSQL, Zabbix inventory, etc.

Metrics & Integrations

- Compatible with any Grafana datasource: Zabbix, Prometheus, InfluxDB, Inifinty datasource (JSON), etc.

Professional Support:

- Mapgl guidance and dashboard setup assistance
- Enabling visual editor for Geo mode
- Visual editor for namespace-based subgraphs
- Live metric updates from HTTP messages
- On-demand feature development and customizations

All features developed or enabled during Professional Support remain available even if you downgrade to the Extensions Access plan.

Extensions:

Post-processing of the OSS version autolayout:

- subgraphs contraction;
- parallel route handling with segment offsets, nesting, aggregation using min/max metric values;
- collecting node group statistics per cluster;

No vendor lock-in: graceful fallback to the OSS version

Distribution & Security

- Open-source Mapgl panel plugin code, as validated by the Grafana plugin catalog submission
- Sandboxed WebAssembly components, restricted to producing intended outputs for the extended feature