Today, nearly every business process relies on networks.

They're the lifeblood of the modern enterprise and network teams are constantly under fire to keep things flowing, with no room for error. The infrastructure scale and diversity introduced by cloud adoption, overlay networks, and enormous traffic growth have increased the challenge of network troubleshooting and planning—in many cases beyond the capability of human-scale network operations.

To keep pace with this ever-increasing diversity and complexity, Kentik provides the industry's first **AIOps platform** for network professionals.

By collecting and correlating network data at scale and in real-time, Kentik surfaces the network conditions you need to focus on, with the workflows, details and automated actions to keep every network running smoothly.
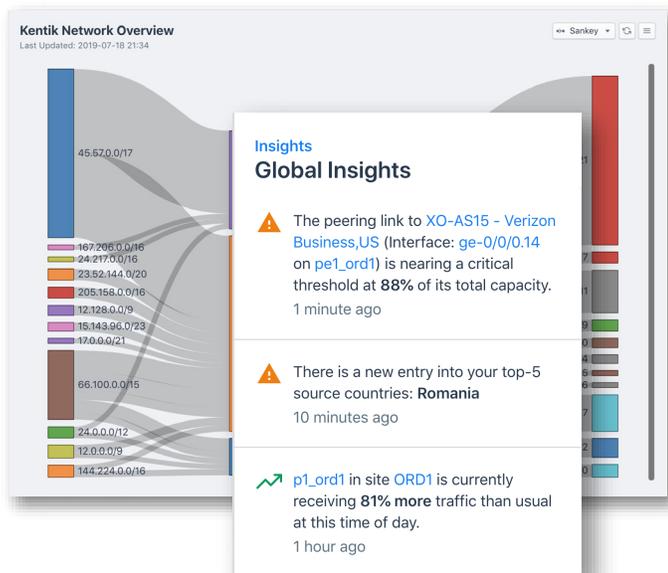
Key Differentiators

- **Automatically surfaces traffic anomalies** like spikes, outages, DDoS and traffic shifts using a powerful, machine learning engine

- **Purpose-built** for the scale needs of the world's largest networks

- **Answers time-critical questions** in seconds with unmatched query performance
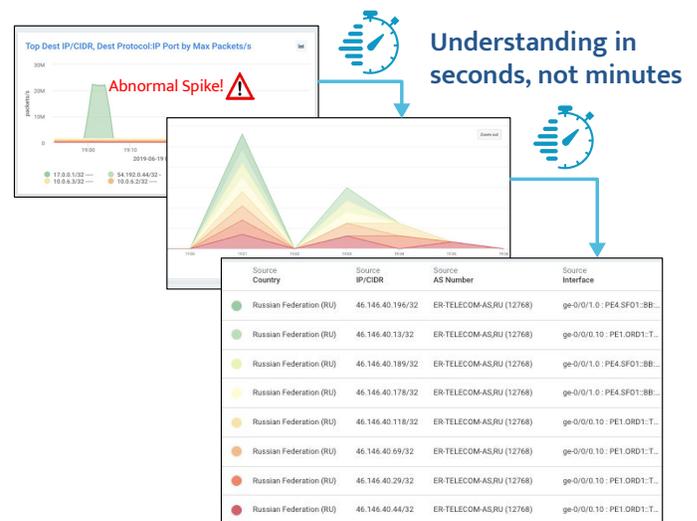
- **Retains full detail** for months without roll-ups or aggregation

- **Intuitive UI** simplifies workflows for each user with fully-customizable views and dashboards

Use Cases

Problem Detection
Proactively detect network performance degradation, availability issues and anomalies

- Detect and analyze unusual changes in network activity via embedded ML and fast, visual data exploration
- Automate corrective actions for known recurring issues

Network Troubleshooting
Accelerate problem investigation and resolution by pinpointing issues accurately and efficiently

- Contextualize traffic data to your network and business to rapidly assess the impact
- Quickly pinpoint the root cause of issues to speed restoration of network performance and availability

Capacity Planning
Automate forecasting of network traffic growth and capacity run-out dates

- Identify network resources that are approaching capacity to avoid surprises

- Understand who and what are driving resource consumption to optimize response and spend

Network Relationships
Improve reliability by leveraging the network viewpoint to reveal dependencies among networked resources

- Assess communications between workloads for planning, executing, and verifying migrations
- Discover and explore unanticipated traffic flows to optimize performance and QoE.

Cost Analysis
Manage costs for network services associated with internet and cloud networking

- Understand which users, groups and applications are driving resource usage
- Recognize unusual or unanticipated usage early to proactively reduce unnecessary spend

Summary

Kentik's AIOps platform gives network professionals the deep, detailed visibility they need to keep it all running smoothly. By enriching and consolidating end-to-end traffic data across all of your networks and applying advanced machine learning, Kentik proactively advises when situations are changing, and automates direct responses to better leverage engineering and operations resources.

End the network blame game so you can focus on improving customer experience and business growth.

ABOUT KENTIK

For businesses running dynamic and complex networks that exceed efficient human operational scale, Kentik® is the provider of the only AIOps platform specifically designed for network professionals. Kentik uniquely unifies diverse data streams across cloud and traditional infrastructure to produce instant insights that accelerate network team efficiency, automate issue resolution, and create new business capabilities. Kentik is based in San Francisco. Learn more at www.kentik.com.

Products from Kentik have patents pending in the US and elsewhere.