# Kentik Network Monitoring System

The scale and complexity of the current network landscape demands efficient and flexible network observability. But network monitoring has been historically fraught with costly overhead and outdated systems not optimized for today's agile teams.

Kentik NMS is network monitoring for 2024. It's modern, no-maintenance SaaS enabling network teams to unify metrics from all their gear with advanced traffic analytics, consolidating on Kentik as the network source of truth.

Built to handle the scale of the largest networks in the world, Kentik NMS combines traditional network monitoring system capabilities with modern network observability to provide a new and powerful solution simplifying the observability footprint for enterprises and service providers that rely on complex networks.
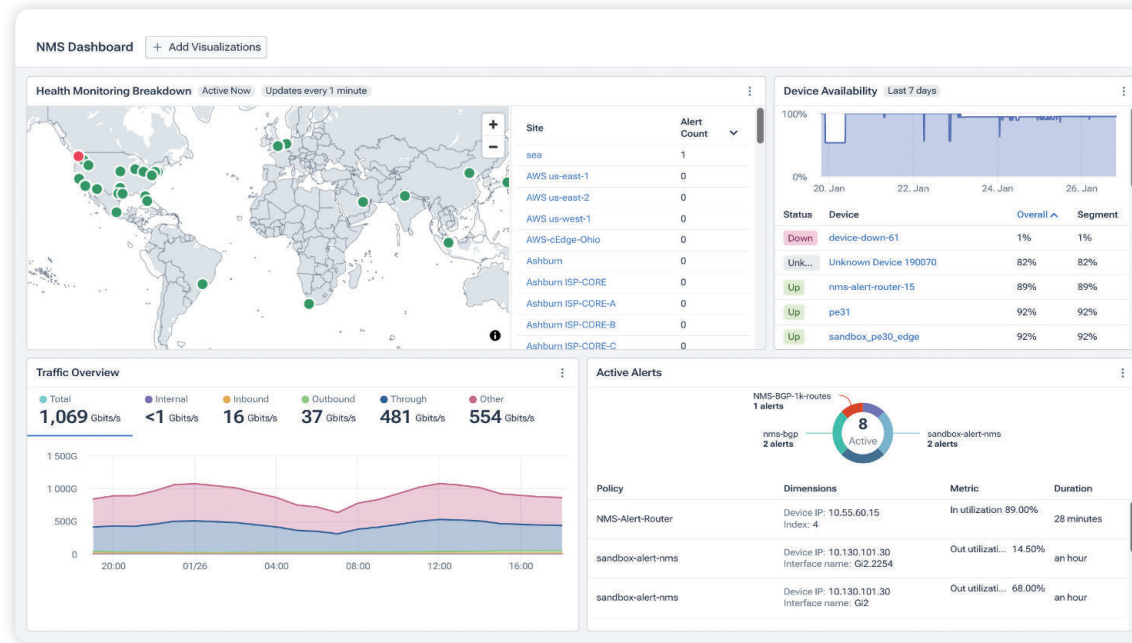
Modern, Scalable SaaS NMS

Experience a true SaaS-native NMS. Unlock blazing fast web performance, eliminate monitoring overhead, and enjoy a lower total cost of ownership over on-prem solutions.

Centralized Observability

Combine streaming telemetry with SNMP and custom metrics in one platform for rapid data correlation. Consolidate your observability stack with flow, NMS, synthetics, and cloud all together.

AI-Assisted Troubleshooting

Rapidly ask and answer any question of your network in natural language. Use AI-assisted troubleshooting workflows to shrink MTTR and achieve business outcomes.

Key Features

Out-of-the-box support for traditional network monitoring features like device discovery, up/down monitoring, interface statistics, hardware components, and alerting

Turn-key advanced network monitoring features like BGP prefixes

Extensible support for collecting any metric via SNMP, streaming telemetry, and existing collectors using influx line protocols like Telegraf and gNMIc

Data normalization using an OpenConfig-inspired data model to report and alert on data regardless of collection method

Advanced query builder to ask any question with precision

Out-of-the-box support for common network devices including Juniper, Cisco, Arista, and many more

Use Kentik NMS to:

✓ **Simplify your network tooling** by combining traditional network monitoring and modern metrics observability in one tool.

✓ **Avoid hardware costs and administrative burden** by using our always-on, always-fast SaaS web UI.

✓ **Unlock the benefits of streaming telemetry** on your new hardware investments with seamlessly integrated SNMP for hardware that doesn't support streaming.

✓ **Get fresh, detailed data** with default one-minute intervals, as fast as one-second intervals for special use cases, and as slow as 10 minutes for legacy hardware.

✓ **Reduce strain on network infrastructure** with streaming telemetry's subscription-based data collection.

✓ **Correlate network infrastructure KPIs** with other data available in Kentik, such as traffic flow analytics and synthetics.

✓ **Rely on the scalability of Kentik**, designed for large and complex networks.

"Kentik is helping us improve network operations efficiency and **speed up MTTR**. We are **reducing the total cost of ownership of network monitoring** by consolidating advanced traffic analysis and metrics monitoring into one SaaS platform."

– Brian Mengel, CTO, PenTeleData
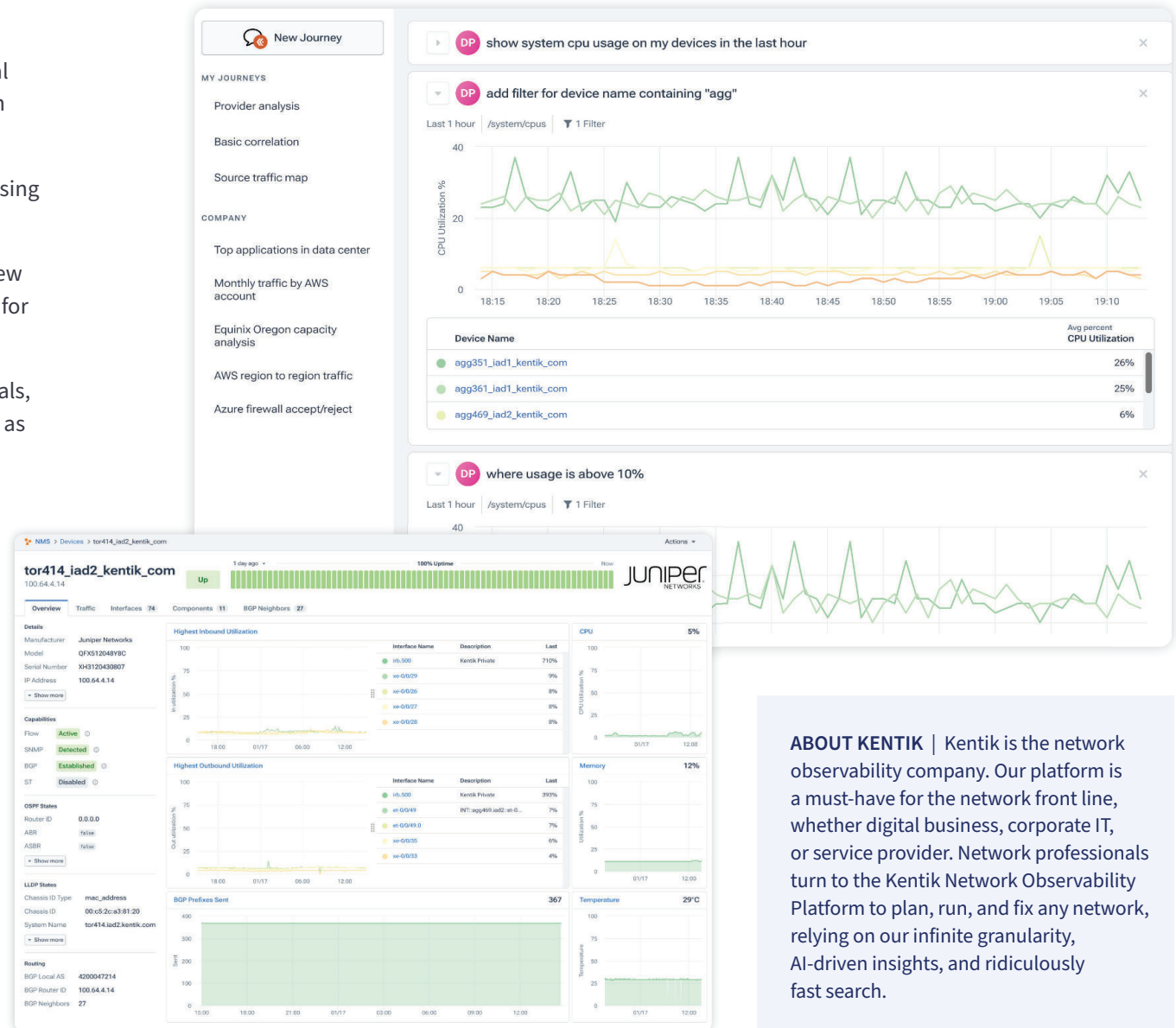
ABOUT KENTIK | Kentik is the network observability company. Our platform is a must-have for the network front line, whether digital business, corporate IT, or service provider. Network professionals turn to the Kentik Network Observability Platform to plan, run, and fix any network, relying on our infinite granularity, AI-driven insights, and ridiculously fast search.

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