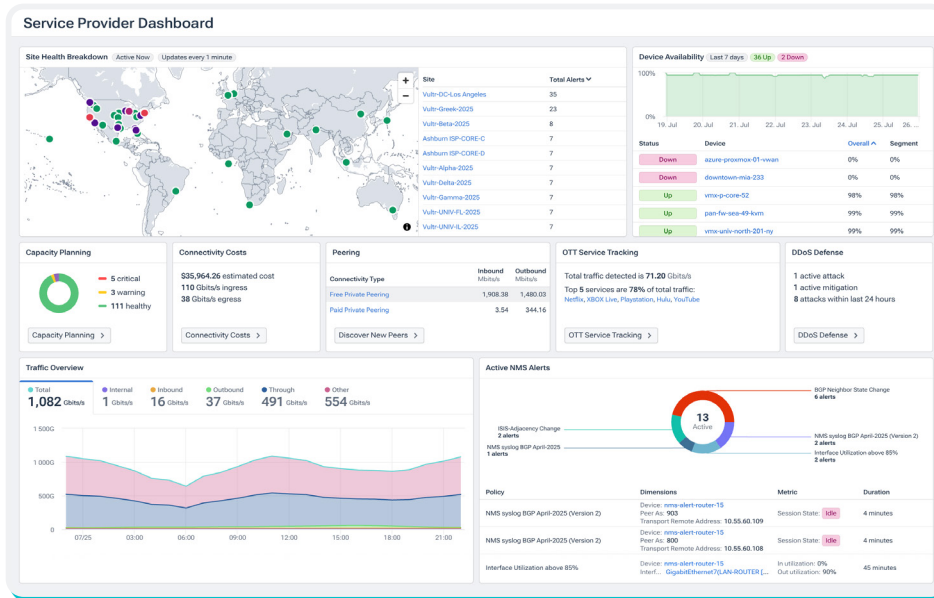


Network Intelligence for Higher Education and RENs

Higher education and research and education networks (RENs) are the original hybrid networks – part service provider, part enterprise. Infrastructure and network teams must balance cost, security, performance, and complexity at massive scale across campus, backbone, cloud, and on-prem environments.

As AI, remote learning, streaming, and data-intensive research drive surging traffic and higher performance expectations, the need for better network insight – and pressure to do more with less – has never been greater.

The Kentik Network Intelligence Platform transforms massive volumes of network data into action in real time, empowering RENs, colleges, and universities to improve performance, increase reliability, reduce costs, and fuel innovation at scale.



Key benefits

- ✓ **Unified network visibility:** See campus, data center, cloud, and internet paths in one place.
- ✓ **Faster MTTR:** Correlate device alerts with traffic cause and performance impact; resolve tickets and outages quickly.
- ✓ **Improve QoE:** Deliver better experience for students, faculty, researchers, and clinical systems.
- ✓ **Reduce network costs:** Right-size capacity, improve peering, and reduce paid transit.
- ✓ **Security and resilience:** Stop threats before they impact service with automated DDoS detection and mitigation.
- ✓ **SaaS speed and lower TCO:** Deploy fast, scale easily, and simplify operations by consolidating your observability stack.
- ✓ **Service reliability:** Keep digital learning, research projects, and healthcare systems online, secure, and high-performing.



EVERY NETWORK IN ONE PLACE

Real-time source of truth that understands every network in context – from backbone, to campus edge, public cloud, and the internet.



MODERN SaaS PLATFORM

One platform to unify and correlate flow, device, cloud, synthetic data, and the state of the global internet.



EXPERT NETWORK AI

AI built by network experts to make critical insights accessible to every engineer.

Top use cases

AI-Assisted Troubleshooting

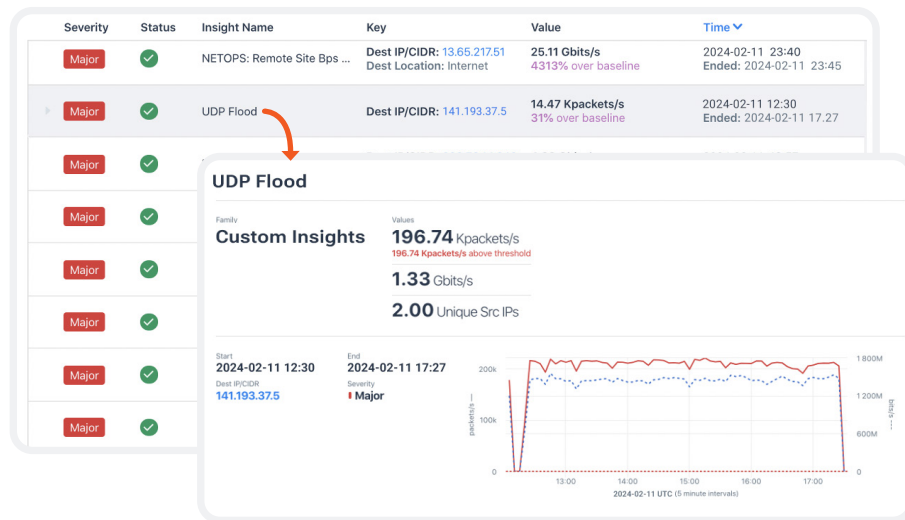
Expert network AI with deep metadata and internet-wide enrichment enables fast, precise troubleshooting across every network.

SLA Monitoring and Service Assurance

Monitor infrastructure health and proactively detect performance, availability, and security issues campus-wide across networks, services, clouds, and SaaS.

DDoS Protection

Protect campus and REN services from disruption with the industry's most accurate, automated DDoS detection. Gain detailed forensics and seamlessly trigger mitigation through routing policies or scrubbing services.



Multi-Cloud Visibility

Unify visibility for e-learning, registration, research apps, and more as they move to public cloud. Get a single view of each application's network footprint across campus, data center, cloud, and internet.

Capacity Planning

Get automated insights into network capacity, utilization, and traffic composition across dorms, departments, and campuses. See trends to understand growth and predict future capacity needs and budget.

Peering and Traffic Optimization

Improve cost and performance by shifting traffic away from paid IP transit to private interconnection, IXs, caches, or high-performance backbones like Internet2 and GÉANT.

CDN and OTT Traffic Analytics

Know which CDNs and OTT platforms are driving traffic growth and costs. Use insights to optimize internet traffic delivery and costs to campuses.

"Kentik provides us with network visibility we have never had in the past. We quickly see high-level status of network attackers with the ability to drill down to understand what response is required. Previously, we needed to already know what we were looking for in our NetFlow data; now the data informs us."

Troy Jordan, Security Manager, University of Maine



Kentik is the network intelligence platform for modern infrastructure teams. Unlike traditional monitoring and observability tools, we demystify complex network operations, enabling organizations to deliver applications and innovation at scale.