

TOP USE CASES

WHAT YOU CAN DO WITH KENTIK DETECT

Kentik Detect helps industry leaders like Yelp, Neustar, Dailymotion, and Pandora achieve better business results by unlocking the value of network data. Delivering powerful visibility and insight, Kentik helps secure revenue-critical infrastructure, defend against DDoS attacks, and drive innovation. Built on a distributed Big Data engine for real-time Internet-scale performance, Kentik Detect delivers immediate and lasting ROI.

1

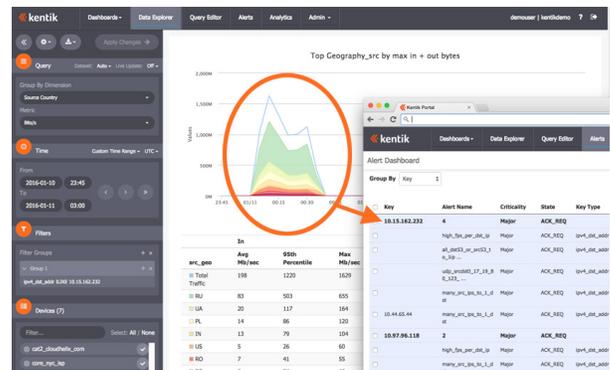
Assure service and performance.

Troubleshoot outages, pinpoint congestion, and keep traffic flowing with real time or forensic insights from unsummarized network telemetry. Kentik Detect captures, unifies, and retains all of your network data so you can investigate traffic, drill down to details, and query trillions of data points with results in seconds. With Kentik Detect you'll have the full-scale analytical power you need to protect and optimize critical applications and services.

2

Detect DDoS and anomalies.

Detect anomalies as they develop, get notifications in real time, and apply in-depth exploratory analytics to rapidly identify the nature and source of issues. Unlike legacy systems, Kentik Detect always alerts based on granular, network-wide data, and it uses baselining mechanisms to minimize false results and stay on top of changing attack vectors. Plus Kentik enables API-based integration with 3rd-party mitigation solutions.



3

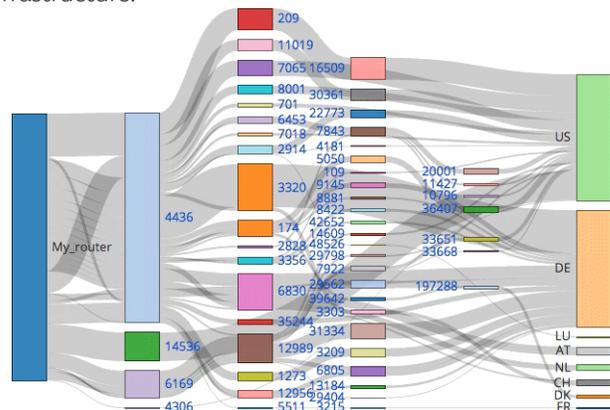
Optimize datacenter and backbone utilization.

Reduce costs and improve user experience by optimizing traffic delivery based on Kentik Detect's real-time and historical visibility. Analyze and visualize flows between key servers within and between datacenters, and see patterns so that you can improve routing by moving servers or bypassing hops. With Kentik Detect you can move beyond guesswork to get the most out of your infrastructure.

4

Plan peering and transit.

Plan critical peering and transit interconnections based on the industry's most powerful and intuitive peering analytics. Views including full BGP path, transit AS, neighbor AS, origin AS, and country enable a data-driven approach to cost-efficiency and performance. Rapidly graph traffic flows, interactively filter, drill down on individual ASNs, and adjust views in seconds.



5

Analyze cost-of-service.

Understand the true cost of delivering service and application traffic. With custom traffic tags for each service, user, customer, and sub-network, Kentik Detect leverages BGP routing information to support “packet mile” cost analysis. Analyze patterns for upstream and downstream traffic, as well as for links by customer or application. Calculate your actual cost per customer when negotiating contracts or renewals.

6

Integrate with 3rd-party solutions.

Capture the full value of your network data by applying business analytics, or automate instant attack response with external mitigation. Using Kentik’s PostgreSQL and RESTful APIs, 3rd-party systems can seamlessly access your network data from the Kentik datastore, making it easy to integrate with existing monitoring tools, cross-platform metrics dashboards, back-end datastores, and customer self-service portals.

7

Understand global performance.

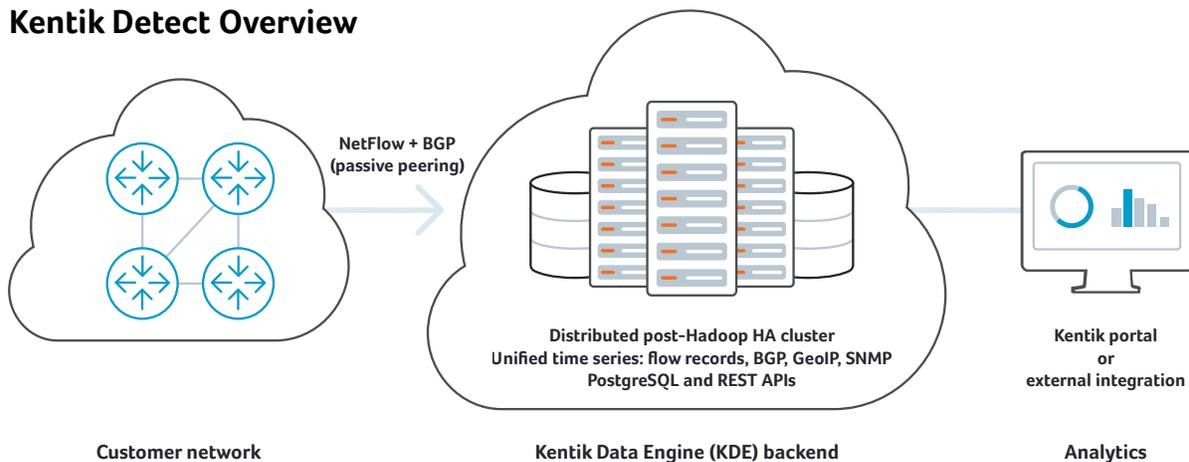
Get detailed visibility into traffic flows to and from individual countries, regions, and cities, including latency and packet loss per geo, so you can plan new datacenters or PoPs for underserved locales. If you’re a CDN or online enterprise that delivers traffic to multiple regions around the world, Kentik Detect’s geo-analytics let you quickly see if traffic volumes and paths are functioning as expected, both in the moment and over time.

8

Keep your network secure.

Run complex network security and forensics analyses in seconds that would take hours with legacy tools. Query long-term unsummarized flow records in an extensible model that is augmented with BGP, GeoIP, performance data, and layer 7 application data. With Kentik Detect your Incident Response Team will have fast, flexible access to a rich record of network activity, plus easy integration with SIEM and backend data management systems.

Kentik Detect Overview



IMMEDIATE VALUE, ZERO OVERHEAD

Kentik Detect is a SaaS. That means you can sign up and register devices in minutes, start seeing results immediately, and forget about extra costs for hardware, software, upgrades, maintenance, developers, and extra IT personnel. And Kentik scales as needed, on demand, without limits. Ready to learn more? We’d love to show you our powerful, intuitive portal, hear about your network visibility needs, and discuss how Kentik Detect can help. Contact sales@kentik.com or sign up for a [free trial](#).