

Vision E1S



PRODUCT BRIEF

Vision Edge 1S: Visibility and Performance Monitoring for the Edgeless Enterprise

VERSATILE VISIBILITY AT THE EDGE

Connected devices are expanding our networks exponentially, both in density and geographical distance, as Wi-Fi becomes more accessible. And the web of connections is only spinning wider and wider. This forces companies to increasingly rely on edge computing to solve the latency, bandwidth, and security concerns that centralized data processing poses for devices at the edge.

“Something like 20% of enterprise data is being produced and processed outside of data centers today. But by 2022, Gartner expects the majority of enterprise data to be produced and processed outside of data centers, and it is conceivable that will grow to 75%, 80% or 90% by 2025”.¹

With edge computing increasing in demand, the need for visibility on the edge is growing ever more critical. Introducing localized data processing improves speed and optimizes digital infrastructure while increasing the complexity and attack surface of your network. This creates vulnerabilities that threaten both the security and performance of your branch sites.

Highlights

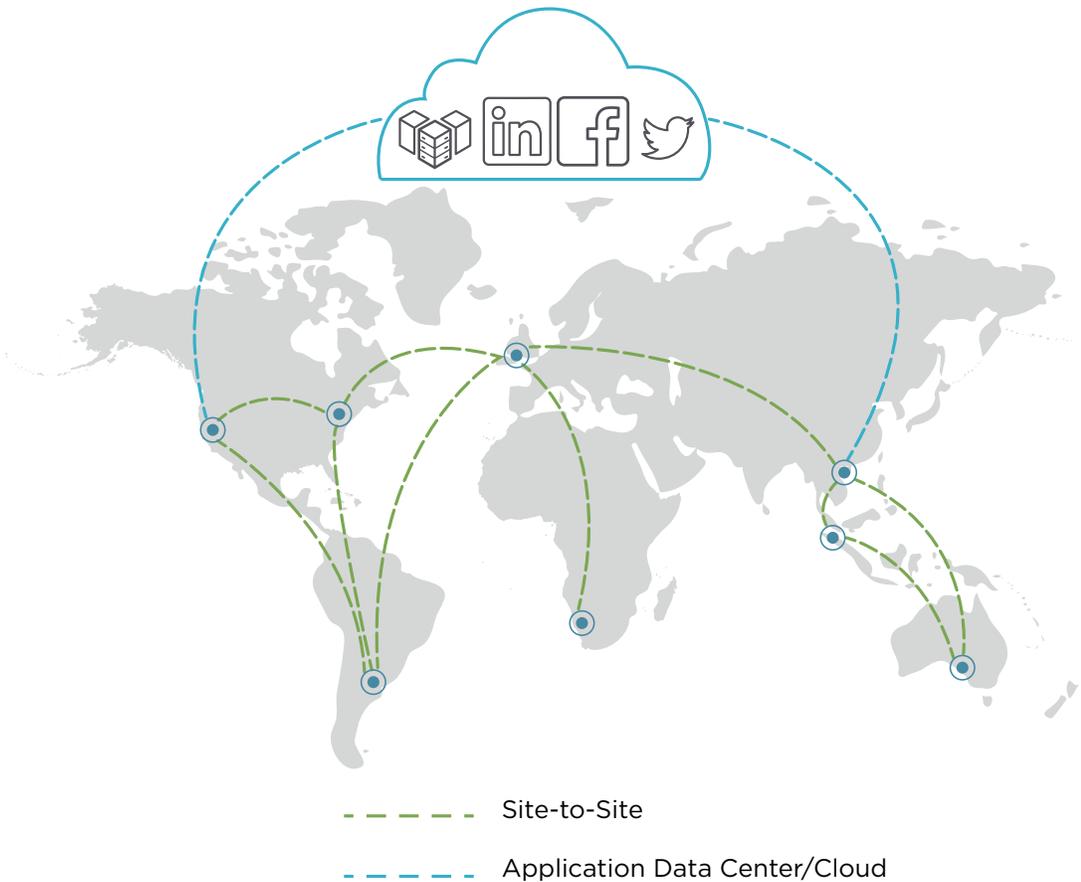
- Vision Edge 1S gives you critical visibility and performance monitoring at the edge of your network
- Troubleshoot performance issues faster and prevent costly downtime with Hawkeye’s synthetic monitoring, performance tests, and customizable KPIs
- Maximize the effectiveness of your tools with NetStack, PacketStack, and AppStack visibility intelligence features
- Both compact and cost-effective—Vision E1S is the most competitively-priced packet broker in Ixia’s Vision Portfolio

Network Visibility + Network Performance Monitoring = Vision E1S with Hawkeye

¹ Gartner, “How Edge Computing Redefines Infrastructure,” August 23, 2018, 2.

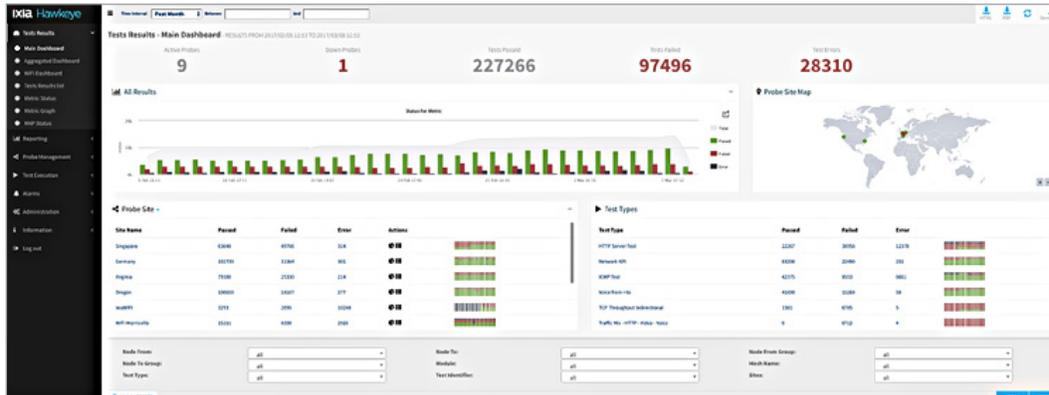
INTRODUCING VISION EDGE 1S - VISIBILITY AND PERFORMANCE MONITORING IN ONE RACK UNIT

The Vision Edge 1S network packet broker combines the industry-leading visibility intelligence capabilities of NetStack, PacketStack, and AppStack with the network performance and application monitoring power of Ixia's Hawkeye. Designed for your remote sites, Vision E1S can process, filter, and distribute data to your security tools while generating up to 10 Gb of synthetic traffic for capacity verification and troubleshooting on your network. Boasting a compact, cost-effective form factor, Vision E1S is Ixia's most affordable packet broker for both your budget and your office space.



REMOTE AND REAL-TIME CONTROL

Vision E1S is configured and controlled through Ixia's Hawkeye controller. Key Performance Indicators (KPIs), performance metrics, endpoints, and scheduled tests are displayed in real-time on the dashboard—giving you insight into your branch sites' performance and aiding you in pinpointing threats to your network.



Ixia's visibility intelligence features are also accessible from the dashboard—enabling you to quickly deploy filters, collect NetFlow data, distribute data, and more with a simple click.

POWERFUL DATA PROCESSING

The Vision E1S system comes preinstalled with NetStack, PacketStack, and AppStack visibility intelligence features.



NetStack

- Mapping
- Aggregation
- Replication



PacketStack

- L2GRE origination and termination



AppStack

- IxFlow generation
- Application-based filtering
- PCAP capture and export
- 2Gbps application ingress processing



Active Monitoring with Hawkeye

- Generate 10 Gbps of TCP/UDP traffic
- Node-to-node tests
- Real service tests

Learn more at: www.ixiacom.com

For more information on Ixia products, applications, or services, please contact your local Ixia or Keysight Technologies office. The complete list is available at: www.ixiacom.com/contact/info