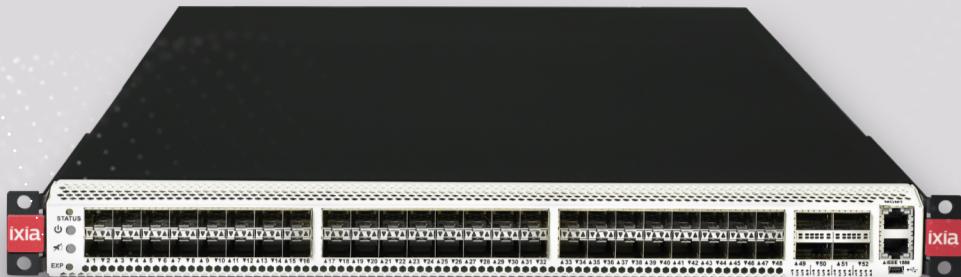


VisionONE™



SOLUTION BRIEF

Vision ONE: The All-in-One Visibility Platform

Your Tools Are Only as Good as the Data They Receive

Studies show that 30 percent of IT professionals believe their analytic tools are not receiving all the data they need. These gaps in visibility are considered blind spots and blind spots bring vulnerability to your network. To reduce vulnerability, minimize risks, and enhance performance, you need a network packet broker to ensure every analysis tool gets exactly the data required. Network packet brokers organize and streamline data so that security threats are detected early and issue resolution times are minimized. With better data comes better business decisions, that can save you both time and money.

Complete Visibility in One Rack Unit

Ixia's Vision ONE™ packet broker combines powerful packet processing capabilities with up-to-date threat intelligence to boost network protection and efficiency all in a single rack unit. Whether your infrastructure is physical or virtual, Vision ONE can be deployed inline, out-of-band, or as a combination of the two simultaneously without negatively impacting network performance. With built-in, line-rate features such as layers 2 through 4, and 7 filtering, aggregation, deduplication, load balancing, timestamping, SSL decryption, Netflow generation, and more, Vision ONE offers zero-packet-loss visibility into your network.



Highlights

- Blind spots introduce vulnerability to your network
- Network packet brokers make your tools more efficient by feeding the exact data needed
- Vision ONE contains zero-packet loss processing capabilities that protect, filter, and give insight into the data on your network
- Built-in, line-rate features are available to complete your network visibility platform



Features That Stack Up

Each Vision ONE™ system includes pre-installed NetStack features and the option to enable both PacketStack and AppStack software to complete your network visibility platform. Enhanced traffic security from SecureStack is obtainable via a separate hardware plug-in for inline active SSL decryption and encryption. Both AppStack and SecureStack offer a subscription to Ixia's Application and Threat Intelligence Research Center which provides periodic updates on application signatures and geolocation data as well as a threat intelligence feed for known malicious IP addresses, malware, botnet, and more.



AppStack

Context aware, signature-based application layer filtering

- Application filtering with optional RegEx
- Geolocation and tagging
- Real-time dashboard
- NetFlow and IxFlow
- Threat insight
- Passive SSL decryption



NetStack

Robust filtering, aggregation, replication, and more

- Three stages of filtering
- Dynamic Filter Compiler for overlap resolution
- Per port or per filter VLAN tagging
- Many-to-many aggregation
- Load balancing including asymmetric LB
- Replication at both ingress and egress



PacketStack

Line rate packet manipulation and forwarding

- Deduplication
- Header stripping
- Data trimming or masking
- Timestamping
- Burst protection



SecureStack

Optimized handling for secure traffic

- Passive and active SSL decryption with easy five minute setup time
- Threat Insight
- Data Masking +
- Upcoming TLS 1.3 support
- Forward and reverse proxy

Visibility Management Through a Single Pane of Glass

Vision ONE's easy-to-use web interface provides drag-and-drop usability without the need for a command line for centralized management of physical, virtual, and SDN networks. Filtering data, troubleshooting issues, and scaling infrastructures is now made easy.

Learn more at: www.keysight.com

For more information on Keysight Technologies' products, applications or services, please contact your local Keysight office. The complete list is available at:

www.keysight.com/find/contactus

