Solution Brief

Dynamic Duo of Software-based NAPM and Network Packet Brokers

Accedian and Ixia deliver complete network-based end user experience visibility

The joint solution

IT operations teams need to see what users are experiencing in real-time in order to truly optimize end user experience. But it is not always easy to get the data and analysis required to effectively manage performance.
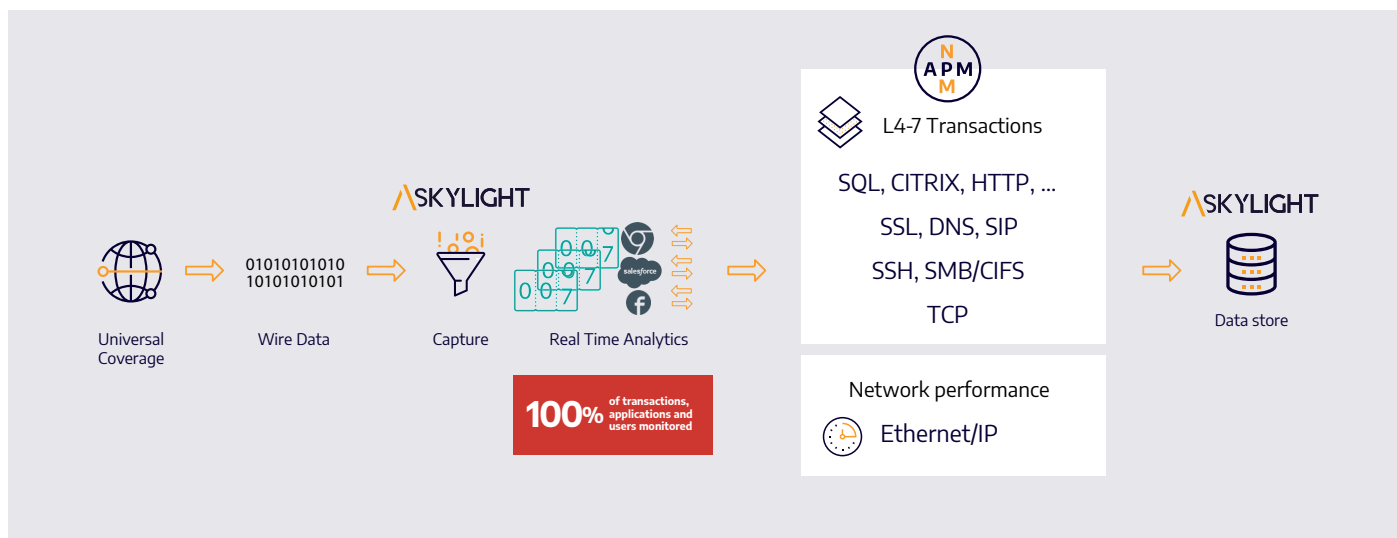
A joint solution from Accedian and Ixia responds to that need. Accedian's Skylight™ equips IT teams with the insight needed to analyze data to manage and optimize transactions through the web, applications, and database tiers. Coupled with IXIA's Vision Series of Network Packet Brokers, the combined solution provides complete visibility into all physical and virtual infrastructure traffic in a highly scalable, easy-to-deploy system.

Why is Accedian Skylight a transformative NAPM solution?

Skylight monitors how an end user is experiencing the performance of business-critical applications as they consume virtual infrastructure resources and traverse the network.

Capabilities of Skylight include:

- A single lens capture solution that triangulates how the performance of the application code, infrastructure, and network are actually impacting the end user's experience of an application. The solution equips teams to pinpoint the root cause of a given application performance degradation within seconds rather than hours or even days

- 4 clicks to insight: Skylight reveals the root cause of application performance degradation in just 4 clicks, offering progressively enriched insight with each click

- A purely virtualized software solution: easy deployment across physical, virtual, and cloud infrastructure, eliminating blind spots that come with cloudification, digital transformation, and SD-WAN deployments

Joint solution

Skylight features:

- 100% of end user activities visibility
- 100% of applications visibility
- Extended historical "look back" retention
- Performance baselines established and analyzed
- No manual analysis – 4 clicks to insight
- Satisfies both infrastructure and application requirements
- Non-intrusive virtualized data center integration
- Full application chain insight across hybrid clouds & SDNs
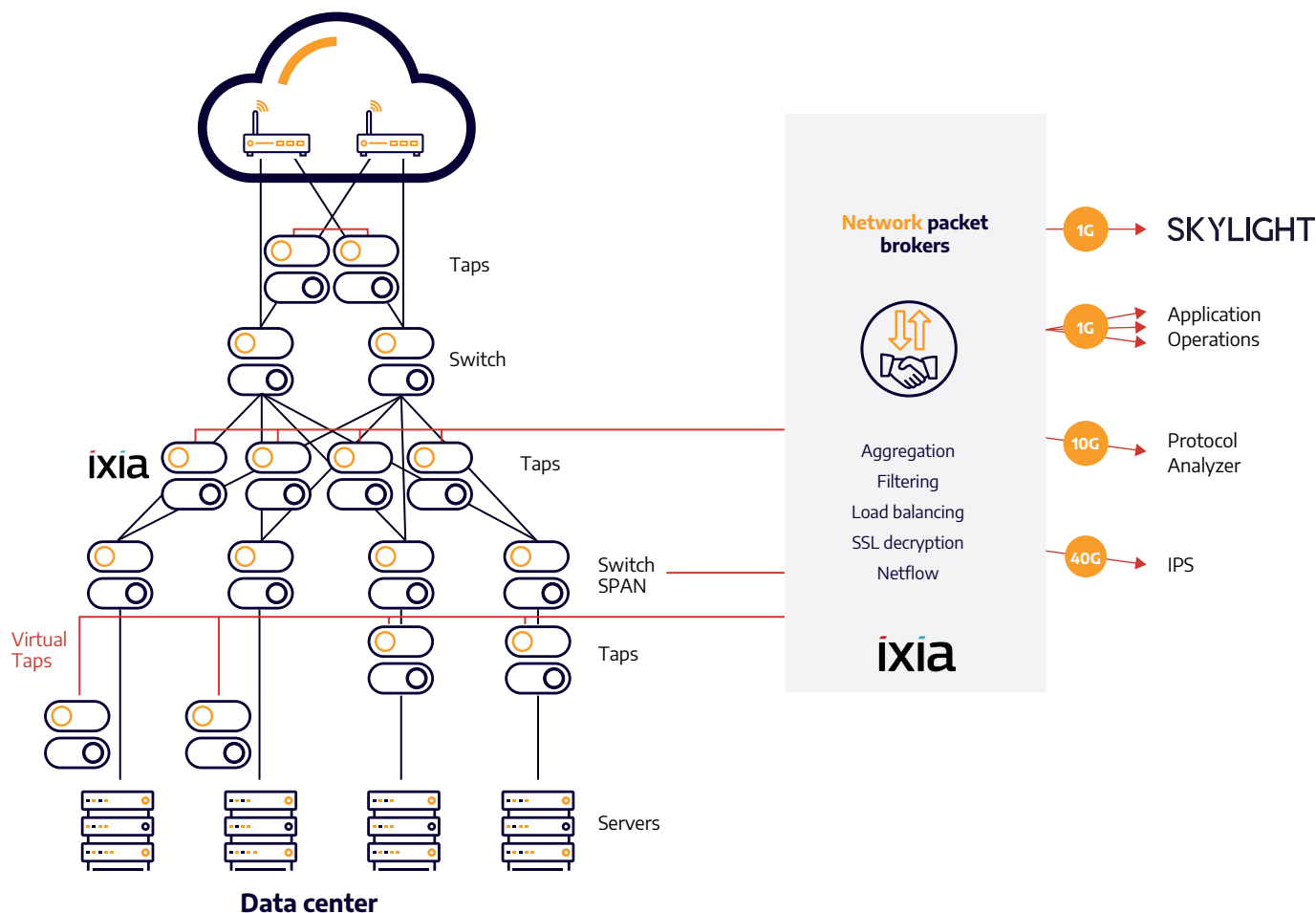- Rapid time to value and low TCO

Ixia vision series of network packet brokers (NPBs):

- Located between Accedian Skylight and access points in the network
- Intelligent NPBs aggregate traffic simultaneously from multiple SPANs and taps
- Traffic aggregated from all required access points for comprehensive visibility
- Provides an extensive portfolio of network and virtual taps (vTAPs) for accessing traffic across hybrid networks of any size

Ixia complements Accedian Skylight by:

- Allowing traffic from a single network access point to be shared with multiple monitoring tools
- Filtering out unneeded traffic and removing duplicate packets to streamline analysis
- Decrypting SSL traffic to eliminate blind spots
- Providing access to all needed physical and virtual network traffic
- Enabling efficient access to asymmetric traffic across large heterogeneous networks
- Load-balancing traffic across multiple Skylight input ports or devices

Accedian's Skylight, coupled with IXIA's Vision Series of Network Packet Brokers, delivers complete visibility into all physical and virtual infrastructure traffic in a highly scalable, easy-to-deploy system. The solution provides the insight needed to analyze data to manage and optimize transactions through the web, applications, and database tiers.

Data center

Network **packet brokers**

Aggregation
Filtering
Load balancing
SSL decryption
Netflow

1G → SKYLIGHT

1G → Application Operations

10G → Protocol Analyzer

40G → IPS

About Ixia, a Keysight business

Keysight Technologies, Inc. (NYSE: KEYS) is a leading technology company that helps enterprises, service providers, and governments accelerate innovation to connect and secure the world. Keysight's solutions optimize networks and bring electronic products to market faster and at a lower cost with offerings from design simulation, to prototype validation, to manufacturing test, to optimization in networks and cloud environments. Customers span the worldwide communications ecosystem, aerospace and defense, automotive, energy, semiconductor and general electronics end markets. Keysight generated revenues of $3.9B in fiscal year 2018. More information is available at **www.keysight.com.**

ixia
A Keysight Business

About Accedian

Accedian is the leader in performance analytics and end user experience solutions, dedicated to providing our customers with the ability to assure their digital infrastructure, while helping them to unlock the full productivity of their users.

Learn more at accedian.com