

## Solution Brief

# Harnessing the Power of Third-party Performance Data

### Multiple network tools and data sources create new challenges

The increasing complexities of modern day networks have necessitated the need for customers to purchase and maintain numerous tools, leading to elevated costs and overwhelming network management challenges for many companies.

In fact, the majority of companies use between four and ten distinct tools with varying types of network data and KPIs to manage performance problems for network, security, and applications.<sup>1</sup> This presents a significant challenge to enterprises as they strive to obtain a unified understanding of network, application, and service performance.

Even with all these tools, enterprises are still struggling to proactively get ahead of network performance and security incidents. Most of these technologies and tools are managed separately, and the data doesn't integrate well, meaning that there are visibility gaps in the technologies that result in downtime and poor customer experience.

**Enterprises are facing new challenges because of tool sprawl as network teams are using 10, 15, or even 20 tools to monitor and troubleshoot their networks.**

-EMA 2022 Network Management Megatrends Report



Accedian's Skylight performance monitoring and analytics platform addresses this challenge by offering a performance monitoring and analytics platform that can easily integrate third-party data ingestion with visualization. Skylight enhances monitoring and troubleshooting workflows through personalized dashboards, providing enterprises with a unified network solution. Additionally, Skylight provides machine learning and advanced analytics that generates actionable insights for improved decision making, productivity, and positive business outcomes for enterprises. This results in greater cost and time savings.

<sup>1</sup> 2022 EMA Network Observability Report

## Get ahead of network problems

The combination of Accedian Skylight together with ingested third-party data allows network operations teams to proactively identify potential issues before they become major problems. Enterprises can leverage the intelligent insights of Skylight Analytics and take action to optimize, enhance their network, and drive additional operational efficiency.

Accedian Skylight also offers a range of features to facilitate data ingestion and analysis, such as customizable dashboards, alerts, baselines, and an end-customer visibility portal. With a user-friendly interface and intuitive visualizations, Skylight makes it easy for businesses to understand their network performance in real time and take immediate action to improve it.

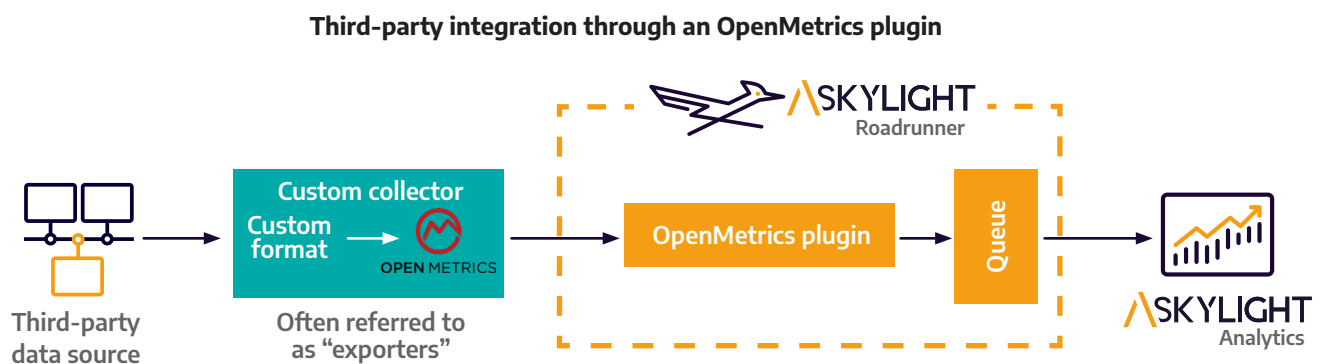


Figure 1: Data ingestion integration

Accedian Skylight’s third-party data ingestion capabilities allow the platform to seamlessly integrate data from external sources, enhancing network monitoring and analysis. This means that the platform can ingest data from network switches, routers, or firewalls provided by different vendors. It can also integrate data from third-party monitoring tools, log files, or APIs. By consolidating and normalizing this diverse data, Accedian’s Skylight platform provides comprehensive visibility and analysis, allowing users to gain valuable insights and make informed decisions to optimize network performance and troubleshoot issues effectively.

## Key Benefits

### Integrated view of network performance and service health

- Gain a single view of an organization’s network performance.
- Monitor network and application performance end-to-end, including external factors that may impact performance, such as cloud services or third-party applications.

### Troubleshooting and root cause analysis

- Identify and diagnose performance issues quickly and efficiently.
- Reduce MTTR and MTTL.

### Improved operational efficiencies

- Automate the process of data collection and analysis.
- Analyze large amounts of data quickly and identify issues in real time.
- Reduce the time and effort required to monitor and analyze network performance, enabling businesses to resolve issues faster and increase efficiency.

### Optimized network and application performance

- Intelligent insights into how the network and applications are performing in different environments.
- Ability to ingest data from multiple sources to optimize the network and application performance based on a specific environment.

### Improved end-user experience

- Provides performance insights into the end-user experience.
- Correlate data and monitor critical services.

### Data-driven decision making

- Optimize the network and application performance based on real-time KPIs/KQIs, instead of hit or miss intuition.
- Organize, condition, and enrich data with metadata to unlock key insights and focus on what really matters by leveraging:
  - Data cleaning and aggregations
  - Filtering and sorting
  - Trend analysis and correlations
  - ML/AI-based clustering and baselining
  - Alerting

## Leverage the benefits of data ingestion into Skylight Analytics

Accedian Skylight provides a single platform where third-party data can be correlated and contextualized with Accedian's granular performance data, resulting in intelligent insights into network performance.

With its advanced analytics and machine learning capabilities, Skylight can help businesses detect and address potential issues before they impact customer experience and become more significant problems. Moreover, the user-friendly interface makes it easy for businesses to comprehend and take action on their network performance data.

[Book a personalized demo](#) to understand how Skylight's data ingestion capabilities can improve your users' digital experience.

## About Accedian

Accedian is a leader in performance analytics, cybersecurity threat detection, and end user experience solutions for service providers and mid-to-large size enterprises. The Accedian Skylight platform offers granular end-to-end visibility within "the massive multi" – multi-layer, multi-cloud, and multi-vendor networks. Accedian's open and scalable platform removes roadblocks to innovation, enabling cloud-native analytics and empowering customers to launch new assured services based on 5G, SD-WAN and edge technologies. Power your future with secure network performance.

To learn more, visit [accedian.com](https://accedian.com).