



ACCEDIAN

SOLUTION BRIEF

REAL TIME ANALYTICS AND PACKET FORENSICS

“Profitap and Accedian have delivered a cost-disruptive solution to the mid- and large-sized enterprise markets that provides real time application QoE monitoring, along with the ability to store packet data for post-packet analysis and forensics.”

Michael Rezek

VP Business Development & Strategic Alliances, Accedian

THE CHALLENGE

Many companies have experienced exponential growth over the years. To make this growth sustainable, the IT infrastructure has to grow accordingly. Business-critical applications are now a cornerstone of the day-to-day operations, outreach, and commerce with customers. The growing importance of a safe and operational IT infrastructure, means an ill-performing application or network can significantly impact brand value, customer relationships, and profit. Application availability and responsiveness are no longer just goals, they have become strategic requirements.

To fulfill these requirements quickly and reliably, you need to capture the traffic on the network for analysis, a bird's eye view of the captured information to see what is happening on the network, and from there have the ability to quickly drill down to the source of the issue, whether they are client, network, server or application related.

Accedian and Profitap have joined forces to help you stay in control of your IT infrastructure. Profitap's network access hardware provides line rate traffic capture without dropping any packets and Accedian a fast and comprehensive insight into the captured data with SkyLIGHT™ PVX.

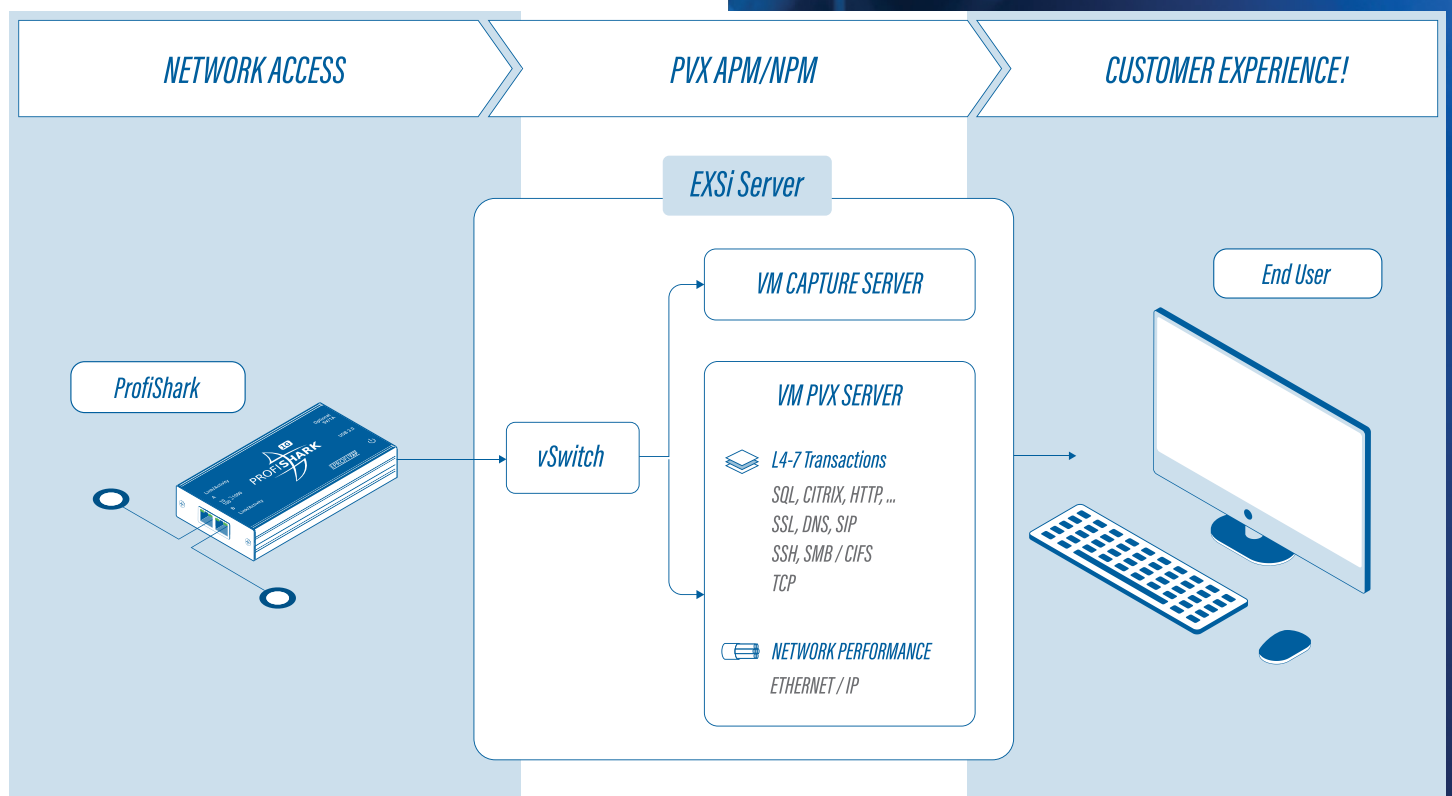
IT ALL STARTS WITH VISIBILITY

In order to perform a proper analysis on your network, you need to base your findings on information that you can trust. You need to be able to get access to every single packet on the network line, from anywhere you want in the IT infrastructure, without losing a single bit of information. This is where Profitap's range of portable traffic capture devices, ProfiShark, comes into the picture. Designed to capture packets at line rates, without impacting the network, ProfiShark are the equivalent of an aggregator TAP and two NICs, in an all-in-one pocket-sized box.

With a ProfiShark in place, the captured information can be directly forwarded into SkyLIGHT PVX for analysis. Capture files can be saved locally to enable a back in time view of the network in SkyLIGHT PVX.

"The combined solution from Profitap and Accedian streamlines your network monitoring performance, helping you to keep your business-critical applications operational at all times."

*Geoffrey Kempenich
Managing Director, Profitap*



FAST OVERVIEW AND DRILL DOWN

Now that full access to the network traffic is established with ProfiShark, members of your IT team need to quickly find the source of performance issues in order to fix them. This is where SkyLIGHT PVX comes in. Where a manual analysis of gigabytes of capture files can take hours or even days, SkyLIGHT PVX enables IT professionals to rapidly identify network and application performance trends and exceptions.

Offering a full suite of network and application performance monitoring tools, SkyLIGHT PVX analyzes 100% of network traffic and 100% of application transactions in real time to produce hundreds of detailed metrics including traffic volumes, device and application performance, web application issues, communication and transaction errors, and other key network and application performance indicators. SkyLIGHT PVX quickly identifies overworked network devices, application latency, web application slow performance, and other performance issues in web applications. These performance metrics are centralized and stored in a time-series data store to provide a rich—and actionable—history of overall network and application activity as well as the performance of individual network devices and application components. SkyLIGHT PVX integrates all NPM/APM capabilities into a single platform, with a single interface, and the lowest total cost of ownership (TCO).

It provides a 360-degree view into network, application, and infrastructure performance and capacity. With the support of traffic capture with ProfiShark, this universal viewpoint unifies DevOps, network, and war room teams to action by providing a single source of insight that spans the entire application delivery infrastructure. Unifying technology and IT teams across your company,

SkyLIGHT PVX will bring you radical cost disruption, helping you save money while optimizing your network monitoring performance.

SkyLIGHT PVX does the hard work for you, processing and reporting on every flow, session and transaction in real-time. It does this within efficient compute and storage requirements, providing a year of transactional, application and network history in the same space other solutions easily consume in days. Fully virtualized, and available as a SaaS deployment, SkyLIGHT PVX realizes unique benefits from an exceptionally innovative, software-based architecture.

IT analysts have access to a comprehensive set of metrics to pinpoint hosts, network, infrastructure, and application performance issues through a single troubleshooting interface:

- Client-side errors and configuration issues
- Network usage, error, and latency metrics
- Server-side error indicators
- Application response and error metrics
- Data volume issues and transfer times



 Network Performance	 Application Delivery	 Application Performance
<ul style="list-style-type: none">▶ How is the network used?▶ How is it performing?▶ Identify and isolate network-level errors	<ul style="list-style-type: none">▶ End user experience▶ Application delivery over end-to-end infrastructure▶ Degradation scope & origin	<ul style="list-style-type: none">▶ Transaction-level response times▶ Application Errors▶ Back-end performance

ACCEDIAN

Accedian delivers exceptional end-to-end network and application performance visibility, for control over the best possible user experience.

Full visibility across network services and application chains—spanning virtualized, cloud, software-defined, and physical infrastructure—empowers service providers and enterprises to embrace transformation, make most efficient use of digital assets to realize business goals, and strengthen their competitive position.

Accedian is an established expert at instrumenting networks of every size, with SkyLIGHT™ platform solutions that scale to monitor enterprise and service provider networks.

Since 2005, Accedian has partnered with its customers to deliver solutions across the globe, helping them and their users Experience Performance.

Learn more at Accedian.com

PROFITAP

Profitap develops and manufactures Copper and Fiber Network TAPs, Network Packet Brokers and Portable Field Service Troubleshooters. These solutions are designed with the security, forensics, deep packet capture and network performance monitoring sectors in mind.

Profitap network solutions help eliminate network downtime and add security to existing and new networks all over the world. All of Profitap's networking monitoring tools are highly performant, secure and user-friendly, and provide complete visibility and access to your network, 24/7.

With more than 1,000 clients from 55 countries, Profitap has become a must-have solution and tech partner for many important businesses, many of which are among Fortune 500 companies.

*IT ALL STARTS
WITH VISIBILITY*

PROFITAP

Profitap develops a wide range of state-of-the-art and user-friendly network monitoring tools for both SMEs and the enterprise sector. Our wide range of high-density network TAPs, field service troubleshooters and network packet brokers are extremely performant, providing complete visibility and access to your network, 24/7.

We've been creating monitoring solutions for network analysis and traffic acquisition for more than 33 years. Therefore, we are experts in our field and our award-winning ProfiShark® 1G stands to prove it. This lightweight, advanced and portable network TAP is one of the most innovative products on the market.

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