riverbed® | **APCON**
Solutions for Networks

Network Performance Monitoring and Analysis

APCON IntellaStore® Security Visibility Platform with Riverbed® SteelCentral™

APCON INTELLASTORE® VISIBILITY ENABLEMENT PLATFORM

The IntellaStore family provides complete visibility of physical and virtual network traffic.

Available in two models, IntellaStore II+ and IntellaStore II, this performance visibility platform provides aggregation, filtering and optimization for complete visibility to network traffic.

- Data monitoring switch with 12 Ethernet ports 1G/10G and 2 ports 40G.

- Traffic aggregation, filtering and load balancing.

- Optimization of traffic with deduplication, packet slicing, protocol stripping and time stamping.

- Capture of network activity in real time with on-board and external storage options.

- Get actionable performance intelligence in minutes by deploying this joint solution.

- Industry-leading, easy-to-use graphical user interface.

RIVERBED® STEELCENTRAL™ DIGITAL EXPERIENCE INSIGHT & AGILITY

Riverbed® SteelCentral™ delivers superior digital experiences to all your users, across all apps and devices. It is the only end-to-end solution that blends device-based end user experience, infrastructure, application, and network monitoring to give you a holistic view of your users' digital experience.

SteelCentral solutions provide IT with the visibility and actionable insight to help deliver the network and application performance that users and businesses demand. Easily monitor, troubleshoot, and investigate what's happening across the hybrid network. With behavioral analytics, quickly and proactively resolve any network or application issues before they affect performance.

SteelCentral provides a competitive advantage, including:

- Captures all data and transactions from all end user devices, networks, infrastructure, and applications at a granular level for faster and more effective root-cause analysis

- Provide fully integrated performance insights, blending and correlating analysis from all domains to provide a one-stop solution for managing the entire digital service

- Detect and fix problems before they impact the business with insights designed to guide fixing, optimizing, and prioritizing application and network performance

- Provide role-specific insights for each stakeholder via custom dashboard views

JOINT SOLUTION BENEFITS

CONTINUOUS NETWORK VISIBILITY
IntellaStore® captures all traffic of interest from anywhere in the network and provides full packet visibility to the Riverbed® SteelCentral™ AppResponse and/or NetShark monitoring solutions running directly on the IntellaStore.

SIMPLIFIED DEPLOYMENT
The all-in-one design of the IntellaStore integrated with Riverbed SteelCentral makes it a perfect solution for midsize and large network deployments or remote locations.

CLOUD MONITORING
Nearly 45% of all network traffic originates in the cloud, which is why IntellaStore and SteelCentral provide visibility in both Azure and AWS cloud environments.

PACKET CONDITIONING
As network administrators span and tap various parts of their networks to feed into their network monitoring tools, they create a lot of duplicate packets. The deduplication feature included in the IntellaStore reduces stress on SteelCentral™ by eliminating duplicates.

VIRTUAL NETWORK VISIBILITY
IntellaStore provides the ability to aggregate and monitor encapsulated traffic from virtual machines in the network via GRE termination. The IntellaStore also provides GRE decapsulation and aggregation of up to 10GB processing for forwarding of virtual network traffic to the SteelCentral monitoring platform

CO-LOCATE APPLICATIONS
The IntellaStore can host several synergistic applications that have differing strengths, i.e., combining Riverbed SteelCentral and a security tool onto the same IntellaStore platform.

ABOUT APCON
For more than 20 years, APCON has consistently delivered smart, stable and scalable technology solutions that provide an unparalleled level of confidence to service providers and businesses seeking total data center visibility and security. Its customers range from midsize companies to Fortune 1000 enterprises in more than 40 countries. APCON assures superior network monitoring while supporting traffic analysis and streamlined network management and security. For more information, visit www.apcon.com or follow us on Twitter @apcon.

ABOUT RIVERBED
Riverbed®, The Digital Performance Company™, is united in its purpose of Advancing the Human Experience in the Digital World. Behind every digital experience is a human one, and Riverbed enables organizations to measure digital experiences and maximize digital performance so they can deliver better and more powerful human experiences— for customers, employees, partners, patients, and citizens. Riverbed's Digital Performance Platform includes a combination of Digital Experience Management and Next-Generation Infrastructure solutions that ensure superior digital and user experiences, provides new levels of operational agility and accelerates business outcomes. Riverbed's 30,000+ customers include 100% of the Forbes Global 100. Learn more at riverbed.com.

WHY IS APCON A COMPLEMENT TO RIVERBED STEELCENTRAL?

APCON DELIVERS:

TRAFFIC FROM ANYWHERE
- **Physical (edge, core, spine/leaf, FabricPath and remote sites via SPANs and TAPs)**
- **Virtual (intra VM traffic, East/West)**
- **Cloud (AWS, Azure and private)**

TRAFFIC TO ANY TOOL
- **Aggregate/merge traffic into continuous flows**
- **Multicast/replicate same traffic to multiple tools (reuse ingress ports)**
- **Load balance egress flows to tools**
- **Rate negotiation, ability to match ingress to egress feeds across 1G/10G/40G/100G rates**

TRAFFIC CONDITIONING
- **Filter traffic for any conditions layers 1–4**
- **High speed deduplication (up to 200Gb/s)**
- **Pattern matching/masking (hiding sensitive/confidential information)**
- **Packet slicing (remove payload)**
- **Protocol stripping (remove packet encapsulations)**
- **Deep buffering to absorb traffic bursts (prevent tool oversubscription)**

TRAFFIC SERVICES PERFORMED
- **NetFlow records generated (1:1, sent to up to 16 collectors)**
- **Tunnel termination (GRE, VXLAN, ERSPAN and GENEVE encapsulations)**
- **Captures (scheduled, streaming or triggered)**
- **Onboard analysis with certified apps**

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