
Riverbed Flow Gateway

Collect, aggregate, and compress flow data from across the enterprise network

The Business Challenge

Accurate data collection is a must if you want to truly understand your network. Not just a sampled subset, but complete data about peak usage, packet loss, and quality of service (QoS) is the most powerful way to get real-time visibility and historical insight that can help you optimize delivery of your network services. Yet in today's complex network environment, it can be difficult to quickly collect data from different devices and quickly gain an end-to-end network view without having to install probes everywhere.


The Riverbed Solution

Riverbed® Flow Gateway collects and forwards flow data (NetFlow, sFlow, J-Flow, IPFIX and other popular flow statistics) from network devices and SteelFlow Net from Riverbed® AppResponse packet-capture appliances. It de-duplicates common information, and then forwards it to the Riverbed® NetProfiler console for network troubleshooting, just-in-time alerting, and reporting.

Flow Gateway is available as physical or virtual appliances.

Key Benefits

Highly scalable, easy-to-use flow collection for cost-effective, end-to-end insight into traffic and bandwidth usage.



Key Features

Track 100% of all flow traffic on the network

Collects popular metrics from NetFlow (V1, V5, V7 and V9), IPFIX, Enhanced NetFlow, NBAR, sFlow V2 and V5, J-Flow, cFlow, Packeteer FDR, Citrix AppFlow, Palo Alto Networks, Cisco NBAR2, Cisco MediaNet, Cisco ASA NSEL and SteelFlow Net.

Deduplication

Flow Gateway appliances remove flow data redundancy through deduplication and centralizing the storage of flow data. Flow Gateway de-duplicates flows for end-to-end flow visibility, better accuracy in reporting, and lower total cost of ownership.

Reliable, compressed transmission

Flow data is critical when every transaction counts but it shouldn't clog the network in order for you to analyze it. Flow Gateway aggregates the data, de-duplicates it, compresses it by five to ten times, encrypts it, and then transmits it via TCP to NetProfiler for enhanced reliability to NetProfiler reliability and reduced impact on the network.

Data granularity

All organizations can benefit from continuous flow data analysis, especially those in financial services, trading, government, healthcare, and retail. Flow Gateway supports 8 million flows per minute (FPM) at up to one minute data granularity so nothing is missed.

You can have multiple load-balanced Flow Gateways to increase flow uptake. You can also distribute Flow Gateways geographically to collect flows closer to their source.

Resiliency

When connectivity is lost to the NetProfiler, Flow Gateway will temporarily store flows until connectivity is restored and flows can be delivered.

Learn More

For more information about Riverbed Flow Gateway specifications, please visit riverbed.com/products.

About Riverbed

Riverbed enables organizations to maximize visibility and performance across networks, applications and end-user devices, so they can fully capitalize on their cloud and digital investments. Riverbed solutions enable organizations to visualize, optimize, remediate and accelerate the performance of any network for any application, while supporting business objectives to mitigate cyber security risk and enhance the digital experience for all end-users. Riverbed offers two best-in-class product lines: end-to-end visibility – including NPM, APM and EUEM – that delivers actionable insights; and network and acceleration solutions, including application acceleration (SaaS, client and cloud acceleration), WAN optimization, and enterprise-grade SD-WAN. Riverbed's 30,000+ customers include 95% of the *Fortune* 100. Learn more at riverbed.com.

The Riverbed logo consists of the word "riverbed" in a lowercase, sans-serif font. The letters "river" are in a dark orange color, and the letters "bed" are in a lighter, peach-colored orange. The logo is positioned in the bottom right corner of the page.