

Flow Gateway

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

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, Google VPC, AWS VPC, Azure NSG flow logs) from network devices and Riverbed NPM Flow 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 compatible with VMWare, AWS, Azure and Google Cloud.

Key Benefits

Multi-Cloud friendly, 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 Riverbed nomenclature and add cloud '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, Riverbed NPM Flow, Azure NSG, AWS VPC and Google Cloud VPC flow logs.

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 loadbalanced Flow Gateways to increase flow uptake. You can also distribute Flow Gateways geographically to collect flows.

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.



Riverbed – Empower the Experience

Riverbed is the only company with the collective richness of telemetry from network to app to end user that illuminates and then accelerates every interaction so that users get the flawless digital experience they expect across the entire digital ecosystem. Riverbed provides two industry-leading solutions: the Riverbed Unified Observability portfolio, which integrates data, insights, and actions across IT to enable customers to deliver seamless digital experiences; and Riverbed Acceleration, which offers fast, agile, and secure acceleration of any application over any network to users, whether they are mobile, remote, or on-premises. Together with our thousands of partners, and market-leading customers across the world, we empower every click, every digital experience. Learn more at riverbed.com.