riverbed®

# 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 and VNET 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, Azure VNET, 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.



### About Riverbed

Riverbed, the leader in AI observability, helps organizations optimize their users' experiences by leveraging AI automation for the prevention, identification, and resolution of IT issues. With over 20 years of experience in data collection and AI and machine learning, Riverbed's open and AI-powered observability platform and solutions optimize digital experiences and greatly improve IT efficiency. Riverbed also offers industry-leading Acceleration solutions that provide fast, agile, secure acceleration of any app, over any network, to users anywhere. Together with our thousands of market-leading customers globally – including 95% of the *FORTUNE* 100 – we are empowering next-generation digital experiences. Learn more at riverbed.com.