

Riverbed Performance Management and Garland Technology

Garland Technology's FAB Traffic Distribution System provides complete network access for Riverbed Performance Management solutions

Riverbed® Performance Management solutions give you the visibility and actionable insight to deliver the application performance that users and businesses demand. The unique combination of end-user experience monitoring, transaction tracing, deep component monitoring, and IT infrastructure / network management maximizes the performance, availability, and productivity of critical applications.

The Garland Technology Filtering Aggregating Balancing (FAB) Traffic Distribution System complements Riverbed Performance Management products by extending access to 100% of network traffic used for analysis. The joint solution provides complete visibility into network and application traffic in a highly scalable system that is easy to deploy.

Benefits

- **Full network visibility** – The FAB system delivers network traffic from anywhere in the network for analysis by Riverbed Performance Management appliances.
- **Simplified deployment** – Flexible solution that can work in any networking environment and share access with all deployed monitoring tools.
- **Scalability** – The FAB is available with 8, 16, 24, and 48 ports to meet bandwidth requirements, and traffic can be load balanced across multiple Riverbed appliances.
- **Maximum efficiency** – The FAB has extensive filtering abilities so that only the traffic of interest is presented to the Riverbed appliances allowing them to work at full efficiency.

Application-aware network performance and end-user experience monitoring

Your infrastructure and network exist for one reason: to deliver the applications that matter to your business. Riverbed solutions include the following capabilities:

- Application performance monitoring based on actual end-user experience
- Application code-level tracing and high-level performance monitoring
- End-to-end monitoring reporting and analytics
- High-speed packet capture, flow collection, and expert analysis
- Unified communication management

Accurate and efficient monitoring

The Garland Technology FAB Traffic Distribution System works in concert with Riverbed Performance Management products to capture and analyze traffic in a scalable solution for network and application deployments of any size. The FAB passively directs out-of-band network traffic from multiple access points – SPAN ports or TAPs – in the network to Riverbed OPNET AppResponse Xpert™ or Riverbed Cascade® Shark appliances for analysis. Traffic is aggregated from multiple access points in the network to provide comprehensive visibility and to address shortages in monitoring at those points. The Riverbed appliances then record and analyze the traffic to monitor end-user experience and enhance network and application troubleshooting capabilities.

Riverbed Performance Management solutions ensure that the end-user experience is consistent and reliable, regardless of location or device. They not only provide network data required at the transaction level, but also deliver information required at the analysis level. This allows IT teams to break down end-user experience data collected from the networks and use it to identify and correct contributors to delay. By providing a set of common views and metrics, Riverbed Performance Management solutions enhance IT collaboration and efficiency. Analytics-based notifications help recognize problems before they impact the business and, when issues do occur, accelerate problem identification and resolution, minimizing downtime.

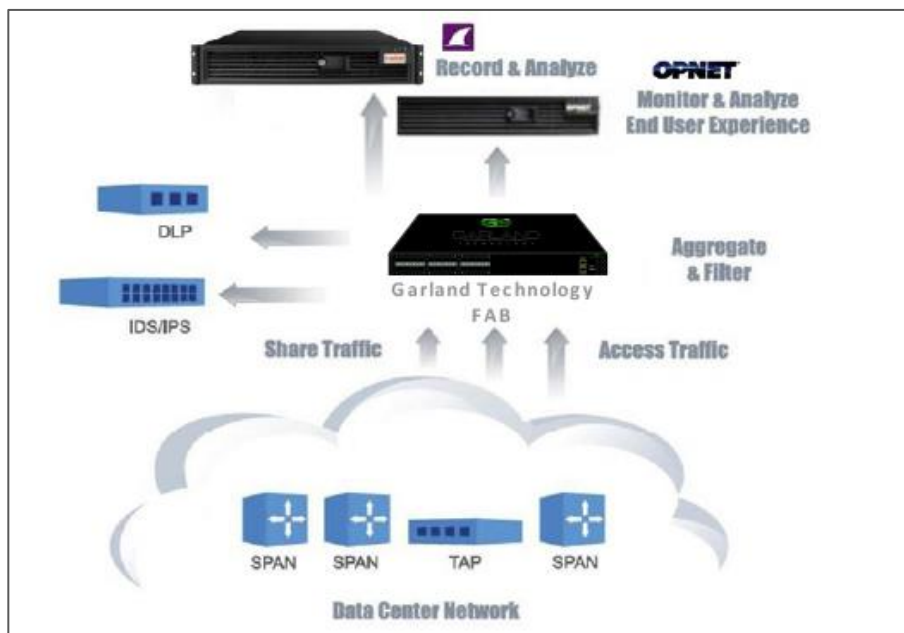


Figure 1. Garland FAB deliver network traffic from anywhere in the network for analysis by Riverbed Cascade Shark and Riverbed OPNET AppResponse Xpert appliances.

FAB efficiently directs traffic to security, network, and application monitoring tools

The FAB provides access to all necessary network traffic for monitoring tools such as Riverbed OPNET AppResponse Xpert and Cascade Shark appliances. It sits between the access points in the network that require monitoring, and the monitoring tool appliances. The FAB aggregates traffic from multiple SPANs/TAPs in the network and simultaneously directs it to any security or monitoring appliance to provide efficient access to asymmetric traffic across large heterogeneous networks, thereby eliminating unnecessary resource consumption and filtering out unneeded data. The FAB filters out traffic that does not need analysis prior to consuming resources on monitoring appliances.

The FAB can share traffic from a network access point with multiple monitoring tools. This capability eliminates the common SPAN/TAP shortages that occur when another tool is attached to a needed access point. Additionally, by filtering the traffic and only sending the tools or appliances the traffic of interest, the FAB can enhance the throughput and storage capacity of any security appliance or forensic recorder. The FAB's intuitive user interface makes it easy to set up and use: simply drag-and-drop a virtual connection between SPANs/TAPs and tools to make a live connection.



About Garland Technology

Garland Technology's Filtering Aggregating Load Balancing System provides complete network visibility into physical and virtual networks, improves network security and optimizes monitoring tool performance. The FAB provides only the data needed for your monitoring tools, eliminating excess resource consumption. This improves the way you manage your data center and maximizes return on investment. Our customers include large enterprises, service providers, educational institutions and government agencies.

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About Riverbed

Riverbed delivers application performance for the globally connected enterprise. With Riverbed, enterprises can successfully and intelligently implement strategic initiatives such as virtualization, consolidation, cloud computing, and disaster recovery without fear of compromising performance. By giving enterprises the platform they need to understand, optimize and consolidate their IT, Riverbed helps enterprises to build a fast, fluid and dynamic IT architecture that aligns with the business needs of the organization. Additional information about Riverbed (NASDAQ: RVBD) is available at:

www.riverbed.com.