LiveAction
A BlueCat Company

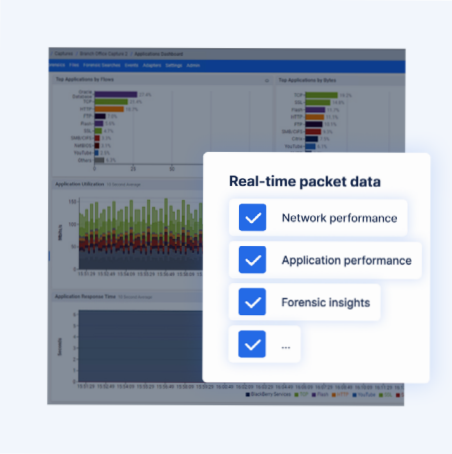
See every packet and resolve issues faster

Packet-level visibility and network forensics for hybrid enterprise networks

Modern networks demand deeper visibility

As applications, users, and workloads become increasingly distributed across data centers, cloud environments, SD-WAN, and remote locations, network and security teams face growing challenges when troubleshooting performance issues and investigating security incidents. Flow records, metrics, and logs provide valuable context but often lack the detail needed to determine exactly what happened.

Network operations teams need packet-level visibility that complements existing observability tools. By capturing and analyzing network packets, they can quickly identify root causes, validate application behavior, investigate security events, and resolve problems without relying on intermittent reproductions or incomplete evidence.



The solution: LiveWire

BlueCat LiveWire is a packet capture and network forensics platform that delivers deep packet visibility across hybrid enterprise environments. It enables NetOps and SecOps teams to investigate application, network, and security issues using packet-level evidence, accelerating troubleshooting and improving operational efficiency.

Available as physical, virtual, and cloud-based appliances, LiveWire captures and retains packet data across critical network segments. Integrated with LiveNX, it transforms packets into enriched flow records and enables teams to move seamlessly between flow analytics and packet-level forensics, reducing mean time to resolution.

Key capabilities

- **Hybrid packet visibility**
  Capture packet data across data centers, cloud environments, SD-WAN, branch offices, and remote sites to uncover issues that flow records and telemetry alone cannot reveal.
- **Faster root-cause analysis**
  Move seamlessly from LiveNX flow analytics to LiveWire packet forensics using intuitive workflows, expert-guided analysis, and advanced visualizations.
- **Stronger security investigations**
  Investigate security incidents using complete packet evidence to establish timelines, understand impact, support compliance, and accelerate forensic investigations.
- **Flexible deployment**
  Deploy physical, virtual, cloud, or remote capture appliances with subscription or pay-as-you-go licensing that scales with your organization's needs.

Features

Packet capture and analysis
Capture, retain, and analyze packet data across physical, virtual, and cloud environments with lossless recording and deep Layer 2–7 inspection.

Expert-guided investigations
Accelerate troubleshooting using advanced visualizations, correlation capabilities, and built-in workflows that help identify application, network, and security issues quickly.

LiveNX integration
Convert packet data into enriched flow records automatically and move seamlessly between network observability and packet-level forensic analysis.

Flexible deployment and management
Deploy packet capture wherever visibility is needed using physical appliances, virtual instances, cloud marketplaces, and Remote Packet Capture Engine for Windows and Linux. Centrally manage deployments through LiveWire Grid.

Security and compliance
Search large packet repositories to investigate incidents, support compliance requirements, and analyze encrypted and unencrypted traffic using packet-driven analytics.

Tuned for your specific needs

LiveWire includes physical, virtual, and cloud offerings and can be deployed based on your network's specific needs. LiveWire physical appliances offer massive scalability and performance to support network operations for the largest networks, from branch offices to large data centers to the WAN edge. LiveWire virtual and cloud offerings scale with your needs and deliver the flexibility required in these networking environments.

For organizations with many branch locations, such as banks and retailers, LiveWire Edge is a small-form-factor appliance with no moving parts, making it simple to install and manage. It is ideal for organizations with an already-stretched IT department.

LiveWire Grid

LiveWire Grid is a software-as-a-service solution that simplifies and scales the management and administration of LiveWire devices, no matter how many are deployed. With LiveWire Grid, you get:

- Centralized management for physical, virtual, or cloud devices
- Simple installation and low total cost of ownership
- Single console for configuration and mass updates
- Cloud-based backup and restore
- Single sign-on and improved user experience
- Centralized wireless configuration management and packet capture across large-scale wireless environments

BlueCat's Intelligent Network Operations (NetOps) solutions provide the analytics and intelligence needed to enable, optimize, and secure the network to achieve business goals. With an Intelligent NetOps suite, organizations can more easily change and modernize the network as business requirements demand.

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Next steps

Discover how you can get packet-level visibility and network forensics to resolve issues faster.

Learn more