

# High-Capacity Packet Capture for Your Data Intensive Workloads

LiveWire + Cisco UCS | Better Together



## The Challenge

As the AI gold rush boosts data center expansion, as well as network growth towards the edge and cloud, getting visibility across the entire network and quickly troubleshooting networked applications is increasingly difficult. Most organizations use a host of tools to analyze operational data, but this is challenging, does not scale, and makes solving issues time consuming, creating business risk.

## The Solution

LiveWire running on Cisco UCS hardware is a high-performance and high-capacity packet analysis solution that captures and stores detailed packet data for network and application performance and forensic insights. By deploying LiveWire on Cisco UCS in your most critical network segments, your NetOps and SecOps teams have the data they need to ensure the performance and security of the network.

LiveWire captures real-time packet data, so when you need to take a deep dive into the packets for deep forensic analysis, LiveWire offers an easy-to-use interface, advanced visualizations, built-in workflows, a built-in expert system. LiveWire + Cisco UCS is certified to accelerate troubleshooting and deliver the packet data and packet analysis you need - at scale - for advanced network forensics.

LiveWire delivers enriched packet data to LiveAction's LiveNX network performance management platform so you can easily transition from flow-level to forensic-level analysis and back - from a single platform. LiveWire also converts packet data into rich flow data, and automatically exports the data into LiveNX.

## Key Benefits

- Up to 3PB of effective storage in 4 Rack Units, 17x denser than common competitors
- High performance network packet telemetry from physical and virtual Cisco UCS appliances
- Transition from high-level monitoring to detailed packet analysis to quickly isolate root cause
- Certified to run on Cisco UCS C240, S3260 or as a virtual appliance on any UCS hardware
- Availability on Cisco GPL\*

\*coming soon

## Key Capabilities

### + Network-Wide Visibility

Make the highest quality flow data available from anywhere in your network – especially your most critical segments – to increase visibility and decrease MTTR. Scalable packet flow data delivers detailed visibility from anywhere across the network, including data centers, WAN edge, cloud, and remote sites.

### + Accelerate Troubleshooting

Detailed troubleshooting requires detailed data, and for network and application troubleshooting, the most detailed data available are the network packets themselves. Workflows and automation drive users to the root cause of network and application issues, increasing productivity and reducing the number of solutions (or screens) needed to solve problems.

### + Security and Compliance

Standard compliance and security investigations require the most comprehensive data available – the network packets – to effectively investigate and report on issues, whether for routine reporting, detailed investigation, or unequivocal proof.

### Tuned for Your Specific Needs

LiveWire is certified to run on Cisco UCS physical and virtual offerings. Cisco UCS physical appliances offer massive scalability and performance to support network operations for the largest global networks, from large data centers to branch offices to SP Edge. Our LiveWire virtual offering scales with your needs and deliver the flexibility required in these networking environments.

## LiveWire

on Cisco UCS Devices



C240 Rack Server



S3260 Storage Server



Virtual

|                   |                        |             |   |
|-------------------|------------------------|-------------|---|
| Use Cases         | Data Center/SP Edge    | Data Center | Monitoring virtual and cloud environments |
| Network Ports     | 4x10G   2x40G   2x100G | 4x10G       | Configurable                              |
| Raw Storage       | 240TB                  | 1PB         | Configurable                              |
| Effective Storage | 720 TB                 | 3PB         | Configurable                              |
| Dimensions        | 2RU                    | 4RU         | N/A                                       |

\* Assumes a 3:1 data reduction through compression and/or intelligent slicing

## LiveAction

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LiveAction provides end-to-end visibility for network security and performance. By relying on a single source of truth – the packets – LiveAction gives modern enterprises the confidence needed to ensure the network is securely meeting business objectives, providing full network visibility to better inform NetOps and SecOps, and reducing the overall cost of network and security operations. By unifying and simplifying the source of collection, inspection, presentation, and analysis of network traffic, LiveAction empowers network and security professionals to proactively and quickly identify, troubleshoot, and resolve issues across increasingly large and complex networks.

To learn more about LiveAction, visit [www.liveaction.com](http://www.liveaction.com)

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