

# Eliminate VDI Blind Spots – Optimize Every Session, Every User

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## Proactively Optimize VDI Performance & User Experience with AI

### The Visibility Gap Holding Back VDI Success

As organizations increasingly rely on Virtual Desktop Infrastructure (VDI) to support remote and hybrid work, IT teams face significant challenges in ensuring seamless performance and a frustration-free user experience. Traditional monitoring tools focus on device and infrastructure metrics, leaving IT teams blind to real user experience issues within virtual desktops.

Without session-level insights and real-time correlation between application performance, network conditions, and session health, IT struggles to:

- Diagnose and fix slow logins, session lag, and app failures before they impact productivity.

- Isolate user-specific performance issues in multi-session VDI environments, where multiple users share the same virtual machine.
- Optimize session density and resource allocation, leading to performance inefficiencies and higher infrastructure costs.

These challenges can lead to downtime, lost productivity, rising support costs, and poor digital experiences.

### See More, Fix Faster, Optimize Smarter with Aternity

Aternity provides VDI intelligence that goes beyond infrastructure monitoring, delivering real-time session visibility, AI-driven optimization, and proactive troubleshooting to prevent performance disruptions before they impact users. By correlating session

health, application responsiveness, and network conditions, Aternity enables IT to pinpoint and resolve user-specific issues, optimize VDI efficiency, and reduce IT support strain—ensuring a high-performance, frustration-free digital workspace.

# Key Capabilities & Business Value:

## Real-Time Session Visibility for Faster Issue Resolution

- Pinpoints user-specific performance issues, including app crashes, session lag, and network disruptions, not just machine-level metrics.
- Helps IT identify and resolve problems before they impact productivity, ensuring seamless user experiences.

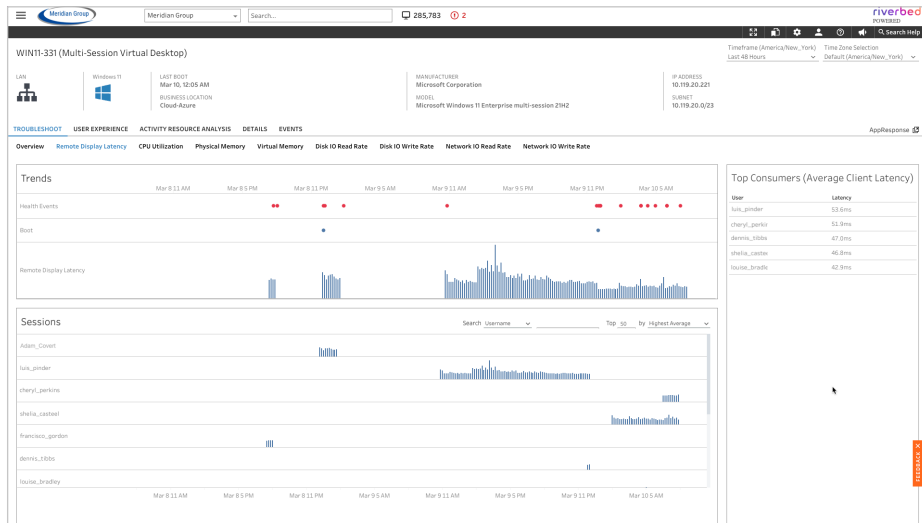


Figure 1: Real-time visibility to pinpoint user-specific performance issues.

## AI-Driven Performance Optimization

- Detects and prevents VDI slowdowns, login delays, and application failures before users notice.
- Automates session density balancing and resource allocation, optimizing infrastructure efficiency and reducing IT costs.

## Multi-Session Monitoring & User-Specific Insights

- Tracks performance at the user session level to isolate individual session problems within multi-user environments.
- Quickly diagnoses and resolves user-specific issues without disrupting others in shared VDI instances

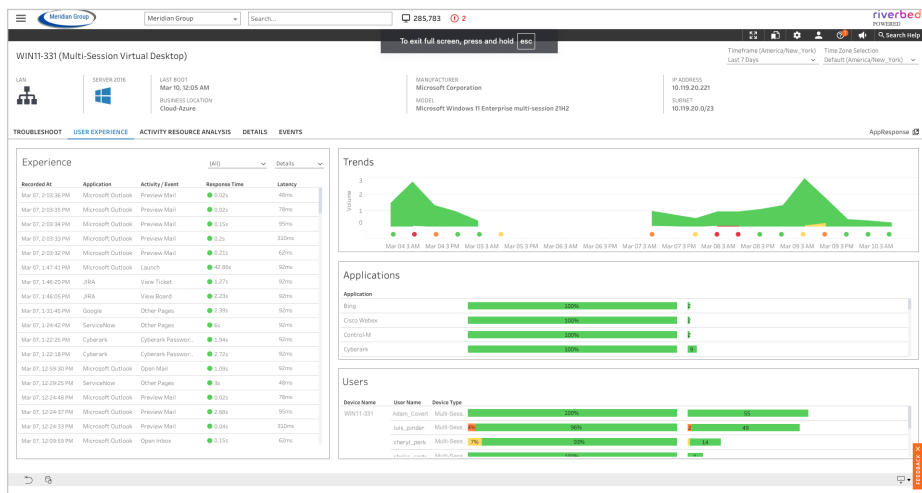


Figure 2: Tracks performance at the user session level.

## End-to-End VDI Observability

- Delivers full visibility across endpoints, virtual desktops, and applications, providing a complete digital experience view.
- Correlates session health, network conditions, and application performance for faster root cause analysis.

## Seamless VDI Performance Across All Platforms & Devices

- Supports Azure Virtual Desktop (AVD), Citrix, Omnicast (formerly VMware Horizon), IGEL, ChromeOS, and thin clients, ensuring comprehensive monitoring across diverse VDI environments.
- Ensures high-performance virtual desktops for remote and hybrid employees, reducing downtime and IT workload.
- Speeds up issue resolution with Riverbed IQ Assist, using GenAI-driven recommendations to help IT quickly diagnose and fix performance issues.

## Conclusion

With Aternity's VDI intelligence, organizations gain real-time visibility, AI-powered insights, and proactive automation needed to deliver seamless virtual desktop experiences and maximize IT efficiency. By correlating session health, application performance, and network conditions, IT teams can pinpoint and resolve user-specific issues faster, optimize multi-session VDI environments, and

prevent disruptions before they impact productivity. Aternity transforms VDI monitoring from reactive troubleshooting to proactive performance management, empowering IT to create a frictionless, high-performance digital workspace.

To learn more, please visit: [riverbed.com/solutions](https://riverbed.com/solutions).



### 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](https://riverbed.com).