

# HOW TO USE NETWORK PATH MONITORING TO OPTIMIZE YOUR NETWORK'S PERFORMANCE



With more employees working remotely from different locations and using various devices and internet providers, the task of network monitoring and resolving network issues has become increasingly complex. The diversity in connection points and application use means IT teams must navigate a range of challenges, from inconsistent internet quality to poor remote endpoint access. This shift in network dynamics requires innovative monitoring tools and adaptive strategies to maintain network performance and quickly identify and resolve issues.

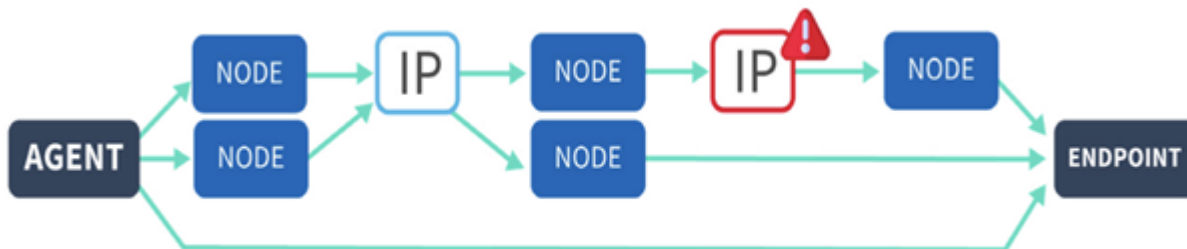


Figure 1. Neteo Path Insight network topology diagram.

## Monitoring can help

Network path monitoring is a process that analyzes how data and packets flow along a network

path, or route, between two or more points. Effective path monitoring can help identify and address network issues such as slow traffic or component failure in real time. Path monitoring can help network operations teams troubleshoot network issues, identify network traffic bottlenecks, verify connectivity from an IP address so that traffic can be directed through alternate paths, and improve the quality of service for end users.

## Introducing Netreo Path Insight

Netreo Path Insight network path monitoring is more than network monitoring. While network monitoring systems typically track qualitative metrics like traffic, bandwidth utilization, and uptime, Netreo Path Insight augments your visibility into network performance. The solution also:

- Visualizes the route traffic traverses as a histogram backed with deep performance statistics, which enables faster network issue recognition.
- Helps IT teams deliver a great customer experience while reducing overhead and total cost of ownership.
- Gives you unprecedented visibility into network paths whether users are remote or in office, which applications they use, and the path that's used to access business-critical data.

## Path analysis for your entire network

Netreo Path Insight efficiently navigates cloud, hybrid, and on-premises network infrastructures to create an end-to-end map of how information and applications are delivered to end users. As you investigate, color-coded maps of the pathways quickly identify performance issues, and an intuitive UI lets you view deep performance statistics by simply hovering over each path's resources. Maps include an accompanying chart, providing packet loss and latency metrics in time-stamped intervals with further drill-down capabilities. Netreo's dynamic, user-friendly interface supports custom dashboards with consolidated, personalized views, giving IT teams unprecedented visibility into network computing resources and the most comprehensive way to improve customer satisfaction.

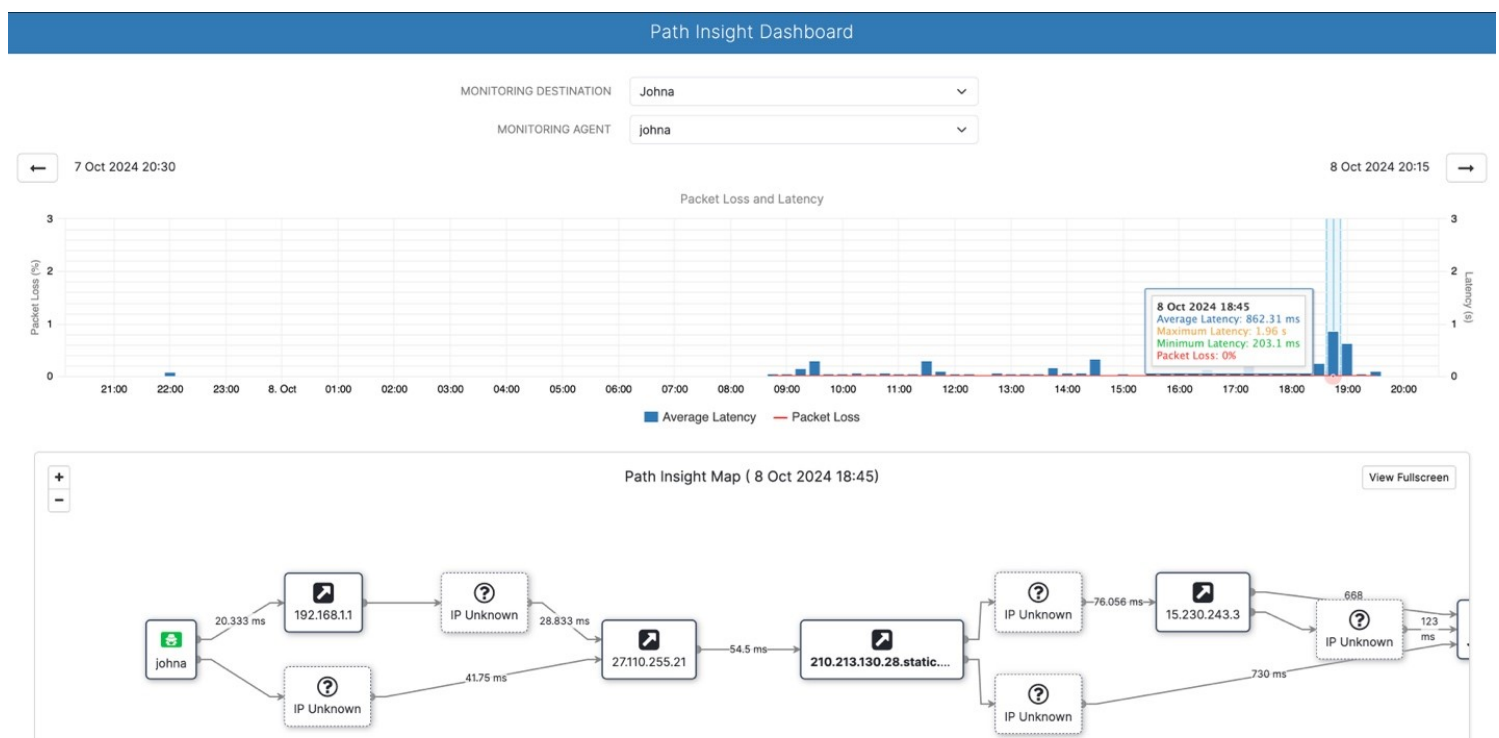


Figure 2. Netreo Path Insight.

## **Resolve network issues faster**

By displaying a visual, interactive, hop-by-hop depiction of network traffic, network operations and network engineering teams can instantly identify problem areas down to the network segment and node, dramatically reducing troubleshooting efforts and mean time to resolution (MTTR). By giving you actionable intelligence about network issues and performance at every hop along the path, Netreo Path Insight helps you remedy network issues in order to provide the best user experience.

To get started with Netreo, [click here](#).