SurePath Application Path Monitoring Module

What is SurePath?

SurePath Application Path Monitoring is a real-time network path discovery tool that maximizes the value of Entuity Network Analytics' rich network data by illustrating, monitoring and alerting on where an application's traffic is traveling over the network and cloud. SurePath gives businesses deep insight into the network components and paths their applications depend on for outstanding performance.

SurePath bridges the gap between application performance management and network management.

Why is SurePath beneficial?

Today's digital applications such as Office 365, Salesforce, E-commerce directly influence how productive and successful a business becomes. So, the ability to manage performance of these applications is critical. Application management tools look merely at the software and network management tools see only devices. SurePath bridges this gap, enabling visibility to the actual path an application traverses over both managed and public networks, how many hops it takes and what devices it flows through to get to its destination. This network path visibility shows where there are issues as the application travels through the network.

What's more, cloud-based applications add another level of management complexity and SurePath can be used to trace an application to a cloud endpoint and monitor the application path for anomalies and performance. Users can see how the application's path on the network or cloud is causing application performance issues.

SurePath closes the gap between application and network monitoring

SurePath adds real-time monitoring of application paths. IT users can now easily:

- Gain visibility into cloud /SaaS services to identify, analyze and resolve issues quickly

- Maintain outstanding application performance

- Support critical connections

- Prioritize vital applications and receive real-time alerts on their behavioral anomalies

- Keep network paths resilient with Disaster Recovery Plans

- Refer to historical data to see where paths may have changed

- Understand where excessive latency is impacting performance

- Ensure data is going over the expected path, this helps mitigate security concerns and performance issues

The SurePath to success—how enterprises are achieving superior application performance results.
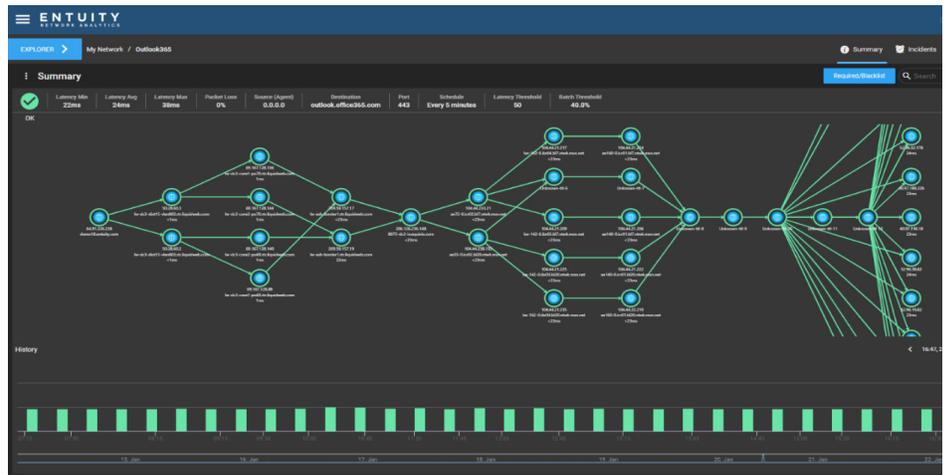
SurePath will plot all the routes that application traffic has been seen to take between a source and its destination. In the example above, you can see how complex the Internet can be.

USE CASE: MIX OF CLOUD/SAAS AND LOCAL NETWORK APPLICATIONS

IT teams are responsible for maintaining the performance of applications and services that live in the managed network and the cloud. As the popularity of SaaS services continues to grow, IT teams need tools to preserve application performance by easily troubleshooting issues.

- SurePath helps to monitor the performance of cloud/SaaS applications by measuring network latency and packet loss

USE CASE: REVIEW APPLICATION PERFORMANCE BEFORE CLOUD MIGRATION

When moving applications from the data center to the cloud, one of the key considerations is: "What will application performance look like once I've migrated?" So before a move to the cloud, you can monitor the latency of key paths that the application currently uses. Then you can also perform latency measurements on the cloud environment to see what the latency of those same paths will be once the app is cloud hosted.

- Comparing these results will show whether the application performance is sufficient to go ahead with a cloud migration and will also advise of possible problems with applications that are latency sensitive

USE CASE: DISASTER RECOVERY PLAN VERIFICATION

Every enterprise has an IT Disaster Recovery Plan, but how do you know the plan actually works? SurePath can help test and validate Disaster Recovery Plans.

- SurePath shows what the application paths looked like before, during and after their Disaster Recovery Test

- Validates that the backup path was activated for the test and then the paths are returned back to normal after the test

- Provides key audit documentation

- SurePath verifies Disaster Recovery Tests to confirm that a planned or unplanned site outage doesn't result in any application path changes that impact access to applications

USE CASE: MAINTAIN APPLICATION PERFORMANCE

SurePath delivers visibility on exactly how application traffic travels through the network. Whether it is a local network, via the internet, or a service provider, you can quickly identify potential or actual bottlenecks that could impact application performance.

- SurePath answers the question, "is the problem on your network or someone else's"

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For more information on Entuity Network Analytics and SurePath visit: entuity.com.