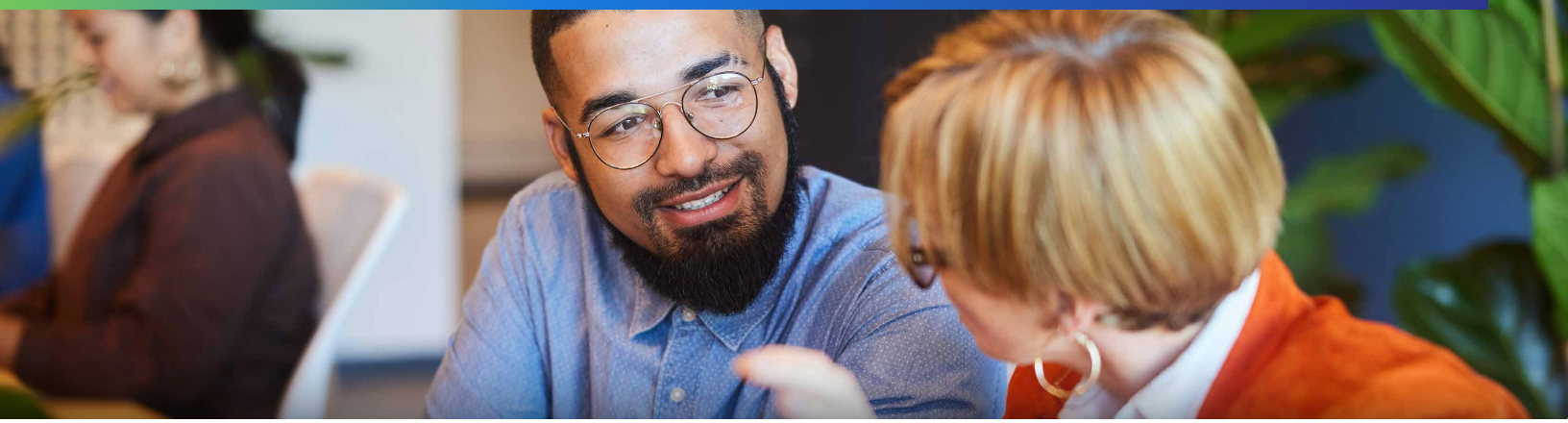
NETBRAIN® NEXT-GEN AUTOMATION

Integration Brief:
Paessler PRTG Network Monitor



The Challenge

IT teams looking for comprehensive network visibility and a proactive monitoring strategy often acquire a variety of tools to accomplish these goals. But as an increasing number of tools permeate their environments, it becomes difficult to manage, posing new challenges. For instance, information gathered is spread across many tools—each requiring a different login, console, and specialized knowledge to operate—creating data silos. Data is not contextualized to the task at hand so when a problem arises, the user is faced with finding data relevant to the specific problem area on his/her own. Lastly, when an alert is detected in one tool, it does not typically trigger actions in another, leading to a "swivel-chair" network management approach. Organizations are looking to consolidate tools to increase their effectiveness and decrease the time it takes to respond to network problems.

The Solution: Seamless Integration

Tools that integrate and leverage their combined data to provide a seamless user experience amplify their effectiveness and help teams achieve smooth operations. NetBrain and Paessler PRTG Network Monitor do precisely that. They integrate seamlessly to accelerate troubleshooting and other network management tasks. Through RESTful API integration, network administrators can leverage the power of NetBrain Dynamic Maps and no-code, Intent-based automation to automatically visualize and diagnose problems detected by PRTG Network Monitor.

How It Works

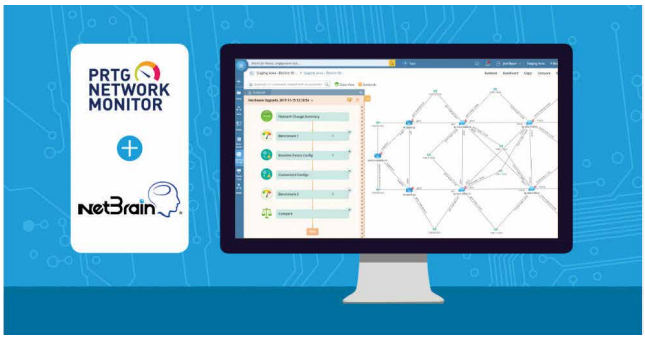
A **Dynamic Map** is an intelligent user interface for accessing virtually any network data. It is used as the input and output for driving network automation. When NetBrain receives an alert from PRTG Network Monitor it automatically builds a Dynamic Map of the problem area. RESTful API integration makes metrics about performance and availability data from PRTG Network Monitor available to display right onto the Dynamic Map.

Network Intents—data structures that capture human intelligence and workflows—are triggered to run automated diagnoses that gather and analyze relevant data to determine the root cause of the problem. Any troubleshooting, analysis, or assessment tasks can be automated via Network Intents and displayed right on the map. Once a problem has been resolved, network teams can prevent the recurrence of similar issues by scheduling NetBrain to run those same Intents proactively.

Benefits of Integration

The combination of PRTG's 24×7 unified infrastructure monitoring and NetBrain's unparalleled mapping and automation delivers:

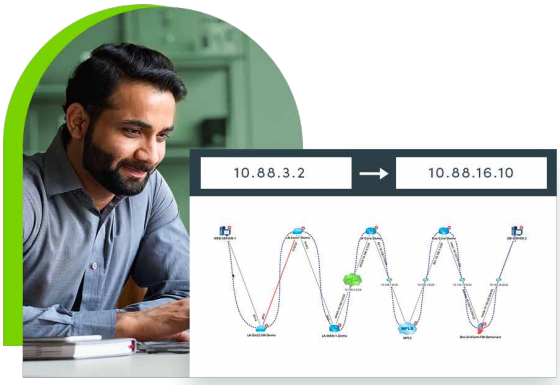
- Improved visibility - with virtually endless details right on the map, including performance and availability data from PRTG Network Monitor.
- Improved usability - users no longer must navigate from screen to screen to find and solve issues.
- Operational improvements - through automated troubleshooting workflows. NetBrain integrates seamlessly with Paessler PRTG Network Monitor to accelerate troubleshooting and other critical network tasks.



NetBrain integrates seamlessly with Paessler PRTG Network Monitor to accelerate troubleshooting and other critical network tasks

Automatically Map any Performance Issue

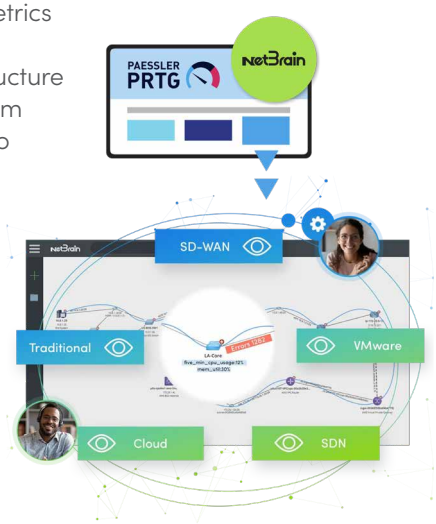
NetBrain can be programmed to automatically build a Dynamic Map of a problem area once an alert is received from PRTG Network Monitor. The custom Dynamic Map is tailored for the problem at hand, with devices and data contextualized for the specific issue. The map is enhanced with the results of its own diagnostics (gathered via CLI, SNMP, and API integration with other tools) as well as data from PRTG Network Monitor.



Enrich Dynamic Maps with PRTG Metrics

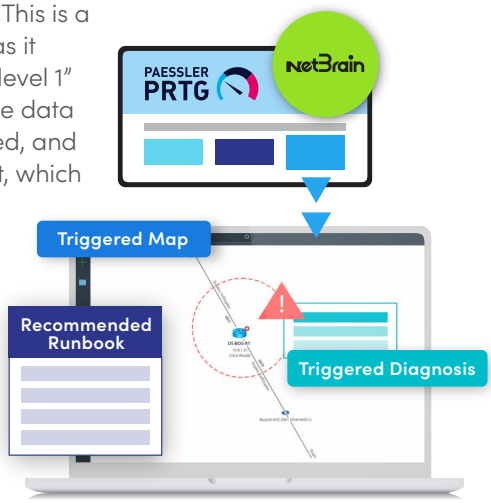
Dynamic Maps offer a virtually infinite amount of detail about the network via Data Views. Data Views are a layer-based data structure to integrate and display various device information.

Individual Data Views are customizable device-based "data containers" that dynamically toggle on or off layers of information. Detailed metrics about performance and availability of all infrastructure components are sent from PRTG Network Monitor to NetBrain, which embeds this data onto the Dynamic Map through its own PRTG Data Views.



Trigger Next-Gen Automation from a PRTG Alert

Once PRTG detects an issue and raises an alert, NetBrain immediately maps, analyzes, and visualizes the problem area. An API call triggers NetBrain to automatically create a Dynamic Map of the problem device and its neighbors, execute Intent automation to capture and analyze data to diagnose the issue and display all results right onto the map. This is a "level 0" diagnosis as it happens before a "level 1" triage is done. All the data is collected, analyzed, and visualized in context, which is especially helpful for intermittent application performance issues that disappear before an engineer can get to them.



About NetBrain Technologies

Founded in 2004, NetBrain is the market leader for NetOps automation, providing network operators and engineers with dynamic visibility across their hybrid networks and low-code/no-code automation for key tasks across IT workflows. Today, more than 2,500 of the world's largest enterprises and managed service providers use NetBrain to automate network problem diagnosis, generate real-time documentation, accelerate troubleshooting, and enforce enterprise architectural rules.

About Paessler

Paessler AG's award winning PRTG Network Monitor is a powerful, affordable and easy-to-use Unified Monitoring solution. It is a highly flexible and generic software for monitoring IT infrastructure, already in use at enterprises and organizations of all sizes and industries. Over 200,000 IT administrators in more than 170 countries rely on PRTG and gain peace of mind, confidence and convenience. Founded in 1997 and based in Nuremberg, Germany, Paessler AG remains a privately held company that is recognized as both a member of the Cisco Solution Partner Program and a VMware Technology Alliance Partner.

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