NetBrain® Integrated Edition

Integration Brief: Paessler PRTG Network Monitor

The Challenge

Over time, IT teams looking for comprehensive network visibility and proactive monitoring have acquired a variety of tools to accomplish these goals. But as an increasing number of tools permeate their environments, they have become difficult to manage, posing new challenges. For instance, the information gathered is spread across many tools -each requiring a different login, console, and specialized knowledge to operate- leading to data silos. The 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 automation 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 this RESTful API integration, network administrators can leverage the power of NetBrain Dynamic Maps and Executable Runbooks to automatically visualize and analyze problems detected by PRTG Network Monitor.

How It Works

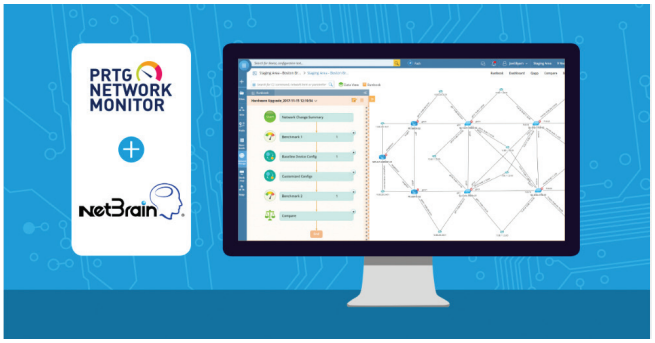
A **Dynamic Map** is an intelligent user interface for accessing virtually any network data. It is used as the input and output for driving network automation. When NetBrain receives an alert from PRTG Network Monitor it automatically builds a Dynamic Map of the problem area. A RESTful API integration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

An **Executable Runbook** is triggered to run automated applications that gather relevant data and drill into what could be causing the problem. Any data collection and analysis task can be automated in an Executable Runbook and displayed on the map. Once the problem has been resolved, network teams can prevent its recurrence by scheduling NetBrain to run relevant Qapps -programmable user defined workflows- that monitor the network for similar issues.

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.

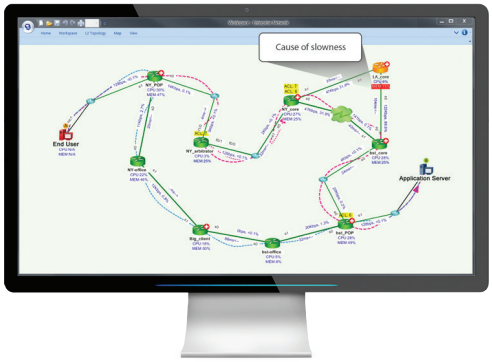


NetBrain integrates seamlessly with Paessler PRTG Network Monitor to accelerate troubleshooting and other critical network tasks.

NetBrain Integrated Edition

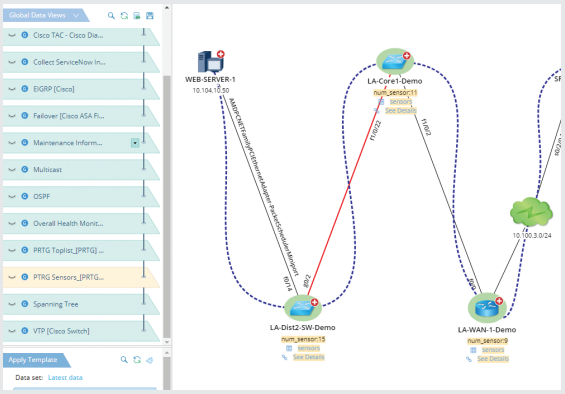
Automatically Map any Performance Issue

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 through API integration with other tools) as well as data from PRTG Network Monitor.



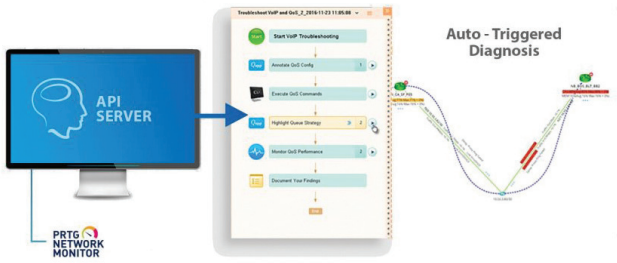
Enrich Dynamic Maps with PRTG Metrics

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 'Just-in-time' 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 a Runbook to capture and analyze data as the issue is happening and save 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.



Founded in 2004, NetBrain is the market leader in network automation. Its ground-breaking platform leverages the power of Dynamic Maps and Executable Runbooks to provide network teams with end-to-end network visibility and analysis across physical, virtual, and software-defined networking environments.

Today, more than 2,000 of the world's largest enterprises and managed service providers use NetBrain to automate network documentation, accelerate troubleshooting, and strengthen network security—while integrating with a rich ecosystem of partners. NetBrain is headquartered in Burlington, Massachusetts, with offices in Sacramento, California; Munich, Germany; and Beijing, China.

For more information, visit https://www.netbraintech.com

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.

Learn more about Paessler and PRTG at www.paessler.com.

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