NetBrain is a software platform for network operations automation that enables customers to improve network uptime and reduce Mean Time to Remediation (MTTR). NetBrain achieves this through a robust set of no-code tools that give network and IT teams deep network visualization and critical data analysis capabilities for building intelligent network automation at scale.

Customers can integrate with their existing Network Management System tools and IT workflows to automate documentation, troubleshooting, network change, and issue response. NetBrain serves as middleware automating many of the manual tasks such as logging into each device and combing through the Command Line Interface to find an issue. The triggered automation runs at the time of the event collecting relevant data during a service outage. The interactive automation allows IT teams to invoke automations to assist during triage and problem isolation without having to log in to any devices.

NetBrain's dynamic mapping capabilities enable:

- **Deep Network Discovery -** NetBrain finds connected devices on the network, showing its location and how it is connected to other devices

- **Network Visualization -** With NetBrain software, customers can visualize hybrid physical, virtual, cloud, and software-defined networks from end-to-end.

- **End to End Traffic Mapping -** NetBrain has programmed the control plane logic of hundreds of network hardware models. Through this logic, A/B paths can be calculated end to end, across different network topologies.

- **Current and Historical Data Comparison -** NetBrain software allows users to compare network data between two points in time for problem identification.

- **Executable Runbooks -** Allows network teams to build automated and operational processes without code.

NetBrain's thin client user interface is supported by a scalable server architecture that scales to automate network operations for large enterprise networks, including across tens of thousands of network devices and hundreds of sites.