**NetBrain**

# Modernize Healthcare Network Operations with No-Code Automation

Purpose-built healthcare networks drive digital transformation advancements in reliable delivery of patient care. Maintaining these networks is paramount to delivering high-quality care and services. The network is the lifeblood of modern healthcare. However, scaling existing network expertise is becoming more difficult as networks grow in size and complexity. Intelligent no-code network automation can help keep hybrid healthcare networks, no matter how complex, secure, compliant and always-connected.

## Delivering the Healthcare of Tomorrow, Today

- No-code intent-based network automation
- Single source of truth across IT operations
- Ongoing, Day-2, preventive automation
- Supports any infrastructure, including public clouds, and any network and security vendor
- Scales to any complex network
- Dynamically maps the entire hybrid network

## Network Automation Outcomes

- Harness and scale existing network expertise
- Automate diagnosis and enforcement of all network behaviors and requirements to empower all levels of NetOps
- Maintain compliance and visualize and document the entire hybrid network and export dynamic maps in an instant
- Diagnose EMR traffic path conditions and proactively check network real-time performance against baseline configurations
- Enforce network security and compliance automatically

- Execute accurate and successful network changes without disrupting in-production applications and services
- Stop cybersecurity threat spread if alerted to an attack to harden the network and prevent further infiltration

## No-code Network Healthcare Automation

NetBrain supports the following use cases:

**Outage Prevention** – Preventing outages and service disruptions BEFORE they impact the business

**Automated Diagnostics** – Time is everything, so responding instantly resolves issues quickly

**Application Performance** – The needs of each application are maintained, preventing 'slow' response
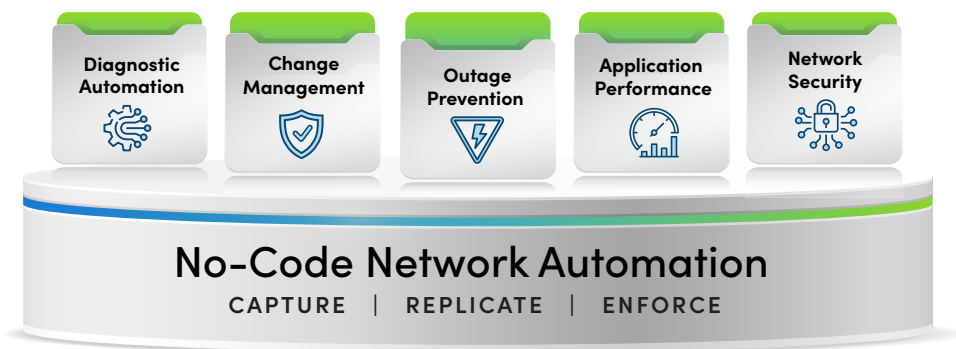
**Security Enforcement** – Continuous verification that security hardware and software is active and adheres to HIPAA and HITECH regulatory compliance

**Protected Change** – Preventing the unintended consequences of change and prevent overwriting existing changes

**Hybrid-Cloud Visibility** – The only real-time and auto-discovered visibility solution, end-to-end
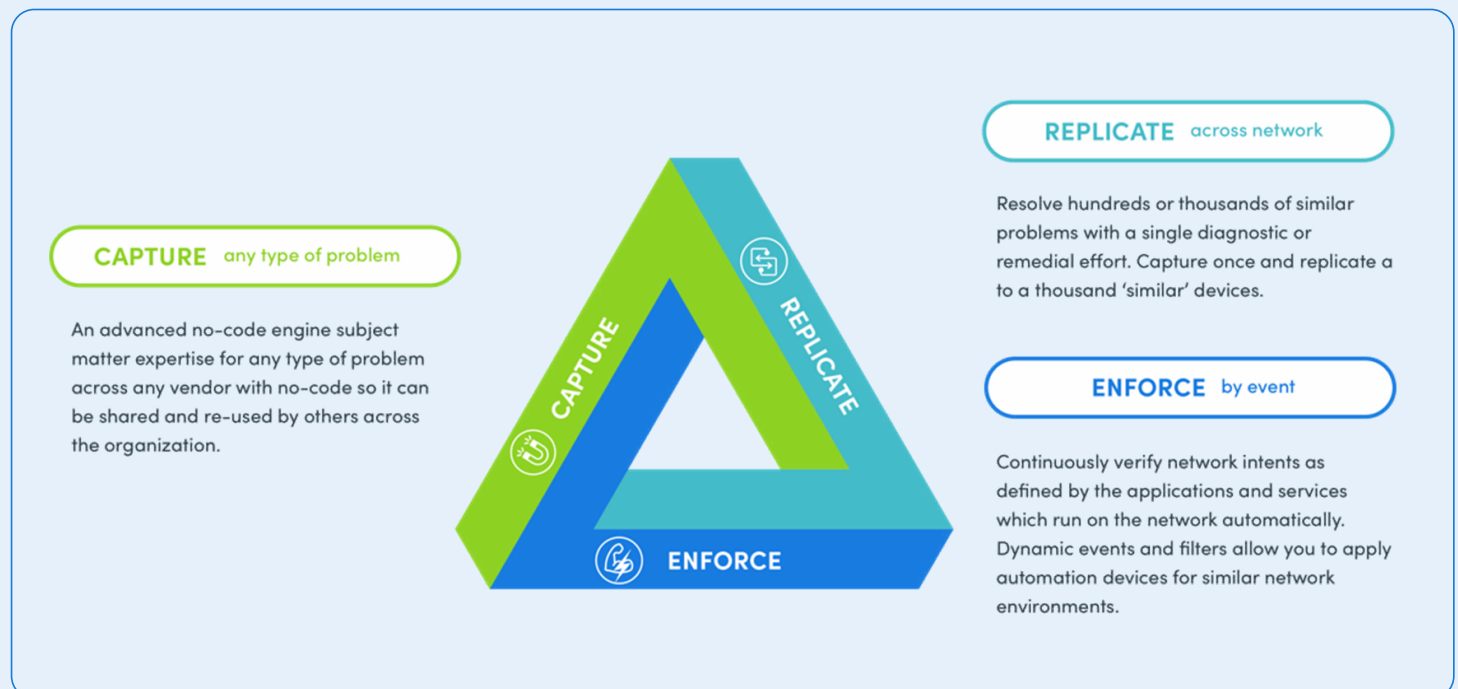
**Diagnostic Automation**

**Change Management**

**Outage Prevention**

**Application Performance**

**Network Security**

## No-Code Network Automation
### CAPTURE | REPLICATE | ENFORCE

**Live Network | Hybrid Cloud Visibility | Dynamic Mapping**

NetBrain is focused on simplifying network operations and optimizing user and device experiences for healthcare. The focus results in a network experience that is more predictable, reliable, and measurable along with added benefits of wayfinding, asset visibility, and contact tracing capabilities.

## NetBrain Translates Healthcare Needs to Automated NetOps

NetBrain captures and records troubleshooting and network design as automation units, called Intents, to empower all levels of NetOps.

**Intent Examples**: check for default critical route hops, ACL mismatch, check firewall rules blocking traffic, verify latency thresholds, check MTU mismatches, 802.1x compliance, QoS, interface errors, device parameters, MAC address verification, etc.

**CAPTURE** any type of problem

An advanced no-code engine subject matter expertise for any type of problem across any vendor with no-code so it can be shared and re-used by others across the organization.

**REPLICATE** across network

Resolve hundreds or thousands of similar problems with a single diagnostic or remedial effort. Capture once and replicate a to a thousand 'similar' devices.

**ENFORCE** by event

Continuously verify network intents as defined by the applications and services which run on the network automatically. Dynamic events and filters allow you to apply automation devices for similar network environments.

CAPTURE · REPLICATE · ENFORCE

Leverage a pre-built Intent-based automation library, it allows network automation to be expanded across the entire healthcare network with similar diagnosis logic using cloning and template technology to scale. It then enforces network configuration, security, and HIPAA compliance automatically and allows you to proactively schedule automated network health checks to manage patient care application performance and detect path condition changes. An early warning detection system alerts network teams to potential issues in ample time to prevent problems from creating operational barriers.

## Network Rx for Healthcare



**Ensure fewer disruptions to patient care**



**Enforce HIPAA and other compliance automatically**



**Make changes confidently for consistent healthcare experiences**

## Why NetBrain?

NetBrain is the pioneer in Network Automation, delivering our revolutionary No-Code Network Automation solution to thousands of customers worldwide, including more than one-third of the Fortune 500. NetBrain understands the challenges of supporting distributed application environments and built its platform to provide a simple, intuitive, proactive solution to deliver continuous validation of network and security intents. It enables organizations to prevent application or network outages and service degradations in an ever-changing distributed cloud environment. In the event of a problem or outage, organizations can accelerate remediation efforts by leveraging the shared knowledge of teams who had previously fixed the same or a similar problem, which can be accessed from NetBrain's Intent Library by anyone.

### 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.

**NetBrain**

+1 (800) 605-7964
info@netbraintech.com
www.netbraintech.com