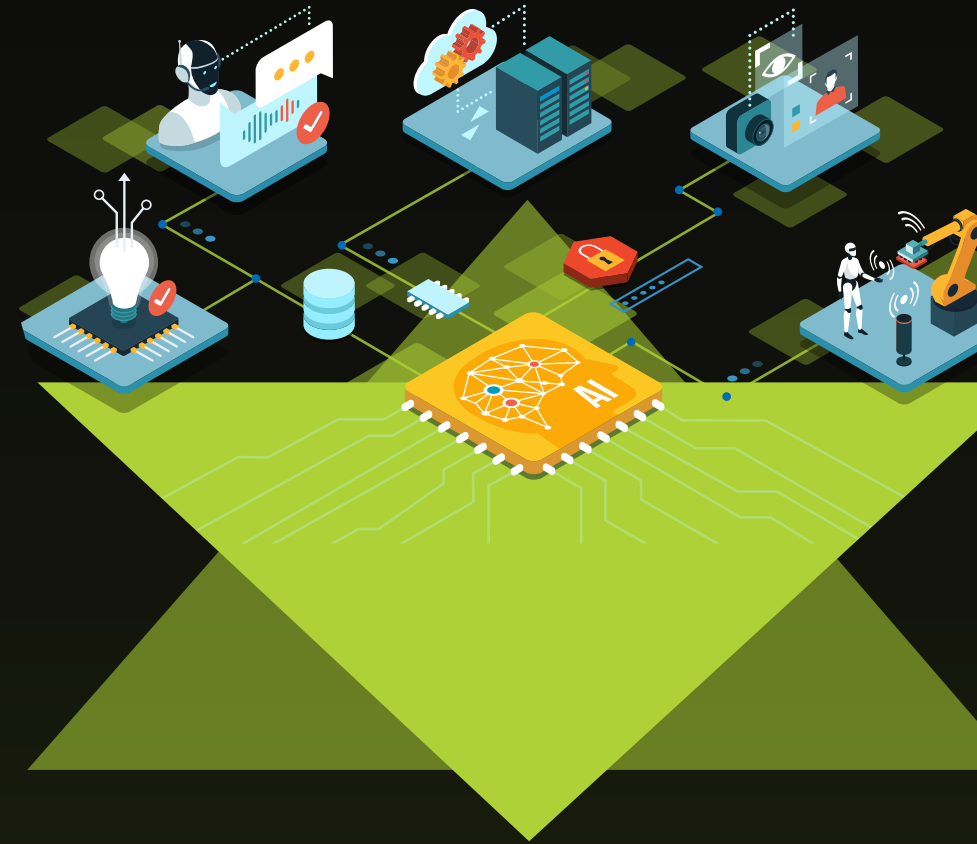


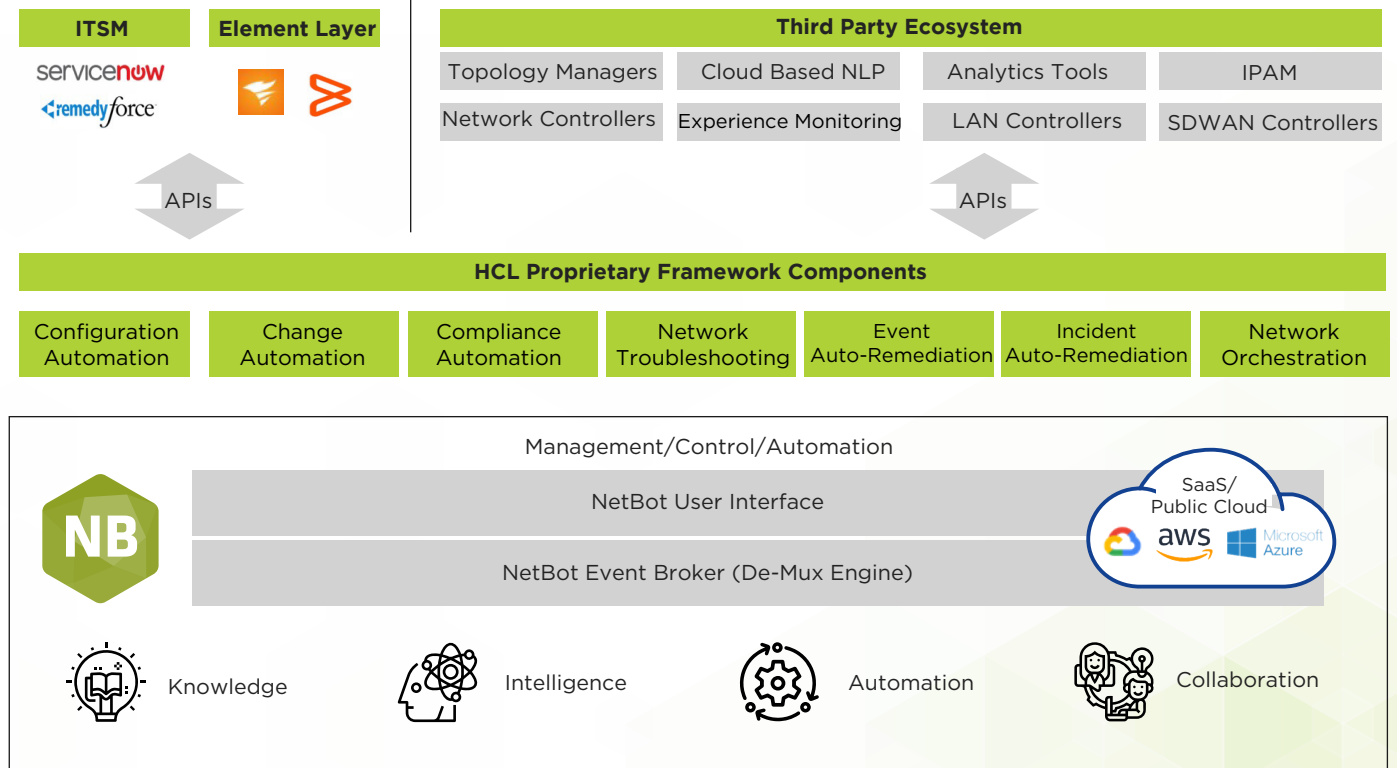
Intelligent network automation to power digital enterprises



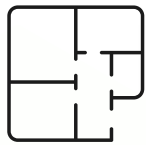
Value of DRYICE™ NetBot

As the scale and complexity of enterprise networks increase, the challenges of effectively managing the network infrastructure also grow exponentially. In the modern digital economy, enterprises have to handle increasing operational complexities, demand for world class customer experience 24x7, and an unprecedented amount of threats from security breaches and service downtimes. The need of the hour is a comprehensive network automation strategy that will result in self-driving networks, capable of using data and AI-based cognition

DRYICE NetBot (Netbot), a workflow driven network automation product, offers seamless network management and reduces your network recovery time. It helps automate the entire network lifecycle starting from device provisioning, to change management, security, and compliance. NetBot ensures that your network reach autonomous capabilities, such as network self-healing, auto remediation, automated change & event management, automated configuration changes, and plug-n-play provisioning.



Challenges Addressed by NetBot



Infrastructure Outages

42%

of IT managers blamed human errors for infrastructure outages

With a large and distributed network in enterprises hosted on multiple platforms - public, private and cloud infrastructures, manual changes become impossible

Manual command line interface-based network management has proven to be unscalable, time taking, and prone to human error



Configuration and Change Management Failures

58%

IT managers blamed configuration and change management failure for network outages

Configuration & firmware errors and corrupted routing tables play a big role in network outages and increase provisioning times

Complex network designs and lack of standard procedures make it difficult to verify configuration changes and determine failure modes



Time Spent on Firefighting and Reactive Troubleshooting

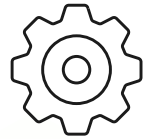
35%

of the day of an average network management team is spent on troubleshooting issues

Troubleshooting network issues has largely been reactive leaving the IT-Ops teams lesser time to deliver strategic value to the business

Expectations from application & user experience are high with near zero fault tolerance

Key Features



NetOps Automation

Automated network operations (NetOps 2.0)

An automation platform based on automated scripts, tools and nested workflows. Supports complete runbook automation and self-healing with one touch execution.



Repair

Triage, network self-heal



Recommend

Runbook recommendation



Customization

DIY automation, workflow creation



Conversational AI

AI-powered cognitive assistant

Comes with an embedded AI-powered, vendor agnostic conversational interface for managing and troubleshooting all network devices through a single pane.



NLP

Word, sentences & intents



One Interface

Chat & voice based



Enterprise Integration

Nested use cases



Interactive UI

AI-driven analytics & user interface

The user interface provides all network and troubleshooting insights being reported through multiple data sources. Helps network managers keep an eye on overall network performance.



Dashboards

Personalised, real time



Multitenancy

Multiple data sources



Unified View

Detailed reports, RBAC



AI-Based Troubleshooting

Causal reasoning based issue remediation

Powered with an AI enabled troubleshooting platform that helps remediate even the most complex problems in the networks through causality-based inference engines.



Cause-Effect Mapping

Inference engine, knowledge authoring



Knowledge Base

Unified knowledge repository



Visualization

Context aware visual workflow

Business Benefits



Improved operational efficiency and NetOps productivity

Helps transform network operations from a perceived cost center into a modern NetDevOps entity fully aligned with the business needs.

Self-healing network aligned to business strategy

Enables the enterprise network to proactively self-remediate issues eliminating human intervention. Critical configuration patches and updates can be deployed at one go across the network from an NLP based interface.

Improved RoI

Use of nested automated workflows completely eliminates human intervention bringing considerable OpEx savings and improved RoI.

Intelligent orchestration

Intuitive, context-aware, and visual workflows help orchestrate real time problem detection, remediation and optimization, making networks more self-aware.

Open API based platform

API-based integrations with any third party tools through REST/SOAP APIs with no vendor lock-ins.

Accurate network topology and insights

Easy and intuitive discovery of network inventory on maps and complete visibility of network KPIs through exhaustive dashboards.

Success Stories

A F500 US-based manufacturing company struggling with time-consuming manual processes automated the change & configuration management as well as the ticket creation on service provider portal with DRYiCE NetBot.

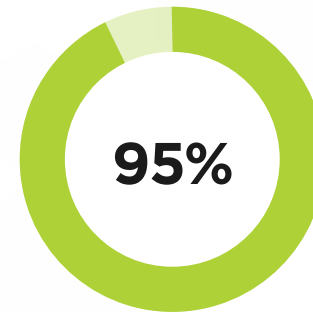
DRYiCE Netbot enabled a leading beverage company to automate the manually driven remediation efforts along with providing real-time topology updates and link metric information on its UI for faster troubleshooting.



Reduction in
MTTR



Reduction in time taken
for IOS upgrades &
network configurations



Reduction in time for
patch upgrades



Time saved on
repetitive tasks

About DRYiCE Software

DRYiCE Software is a division of HCL Technologies focused on building industry-leading software products for transforming and simplifying IT and business operations by leveraging AI and Cloud.

Our vision focuses on:



Enabling a Service Oriented Enterprise

AI-Led Service Assurance

Driving Enterprise-Wide Digital Agility

Business Flow Intelligence



Want to know more?
Visit our website at dryice.ai or
write to us at dryicemarketing@hcl.com, Contact.NGN@hcl.com