# BLUECAT™

# Enable zero-touch automation for DDI

Streamline network operations with advanced automation and integrations
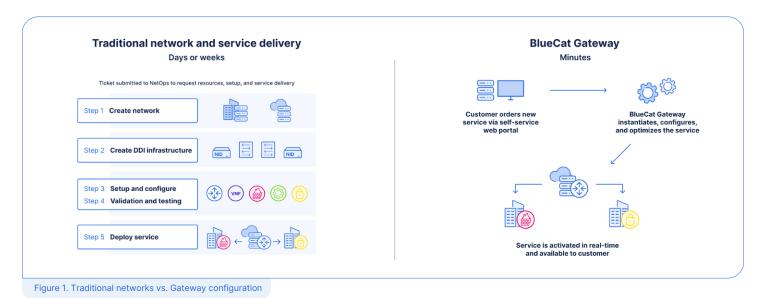
## The problem: scaling network automation

Today, there is an exponential rise in the number of devices, users, and applications connecting to the network. To meet these demands, networks are getting more complex. Yet up to 95 percent of network changes are still performed manually, resulting in operational costs two to three times higher than the cost of the network itself. To counter these inefficiencies, network automation should play an essential role in accelerating the deployment process, and simplifying day-to-day operations and maintenance needed for a responsive, resilient network.

## The solution: BlueCat Gateway

Gateway allows you to automate and transform mission-critical business requirements into DNS, DHCP, and IPAM workflows, plugins, and applications. Moreover, Gateway enables the rapid development of turn-key integrations with existing technology investments.

Zero-touch automation frees IT teams from time-consuming, error-prone, and repetitive network configuration and provisioning tasks so they can focus more on innovation.

Best of all, with everyday network tasks and functions automated and repetitive processes controlled and managed automatically, network service availability and application performance improves.



Figure 1. Traditional networks vs. Gateway configuration

## Benefits

- ✓ **Allows you to rapidly innovate new services**
- ✓ **Accelerates time to revenue**
- ✓ **Enables the rapid change and adoption of new technologies**
- ✓ **Eliminates manual errors and increases business continuity**
- ✓ **Cuts implementation times via community-powered GitHub resources**

# Features

### Automated configuration and provisioning

Gateway automates the DNS services necessary to provision and deallocate cloud and on-premise resources. This enables IT to respond faster to user requests. Automated cloud provisioning reduces bottlenecks in delivering cloud services.

### Gateway self-service via web forms

Gateway provides self-service capabilities to end users by automating IT service requests via built-in web forms. Gateway empowers IT teams to instantly meet the broadest range of unique end-user requirements.

### Integrate Gateway with BlueCat Labs

Gateway integrates with BlueCat Labs, our community-powered GitHub repository. Here you'll find a wide range of tools, including production-ready certified workflows, examples, and unique community-contributed solutions.

### Gateway workflow test environments

Gateway allows organizations to build, verify, and validate modules in a test environment, and easily promote them to production. This modular approach simplifies change and workflow management.

**Integrations include:**

**Security:** Palo Alto Networks, Cisco, Splunk, IBM, ArcSight, CrowdStrike, and more.

**Networking:** Cisco, VMware, Microsoft, Nutanix, OpenStack, ServiceNow, Ansible, and more.

**Cloud:** WS, Azure, and Google Cloud Platform.

## BlueCat applications and plugins

Gateway leverages a robust library of applications and plugins that facilitate continuous updates, improve threat detection and policy enforcement, and provide instant access for users and applications. They work with any environment and help optimize existing IT investments.

## Capabilities of BlueCat applications and plugins

| Capabilities | Plugins | Applications |
|---|:---:|:---:|
| Licensed as a subscription | ✓ | ✓ |
| Out-of-the-box configurable | ✓ | ✓ |
| Full roadmap* | ✓ | ✓ |
| Tested and certified | ✓ | ✓ |
| Fully supported | ✓ | ✓ |
| Included with Gateway support | ✓ | |
| Customizable by professional services | ✓ | |
| Updated as required | ✓ | |

*Some plugins have a full roadmap and others are updated on demand.

### Next steps

Contact us or your BlueCat sales representative today to future proof your network.

[Contact us]

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