BLUECAT™

Micetro® | Data sheet

Easy and intuitive DDI orchestration

Get centralized visibility of your network without disruption

The big picture for DNS, DHCP, and IP address management

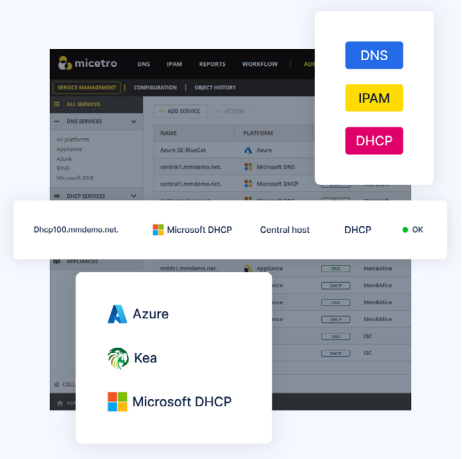
From the access edge to the core and beyond, your users, customers, and agents rely on DNS, DHCP, and IP address management (together known as DDI) to get where they're going on the network. But DDI information viewed in DNS, DHCP, or IP address management (IPAM) silos won't give you the big picture you need to make informed decisions, validate network status, or create complete audit trails quickly. Your network and systems are not static. They grow and change as your services, users, and applications evolve. A good overlay solution meets you where you are and gets you where you want to go.

The solution: BlueCat Micetro

Micetro is an easy and intuitive DDI orchestration solution. Like an orchestra maestro, it conducts your existing DNS and DHCP services using an overlay architecture.

You can deploy Micetro in any on-premises, hybrid, or multicloud network environment. It provides a non-disruptive overlay that unifies server management through a single graphical user interface and API. By centralizing and contextualizing your DDI, you can make network decisions based on the big picture only an overlay solution can provide.

With Micetro, you can quickly adopt enhanced workflows and a range of out-of-the-box integrations without disrupting existing services or architectures. By preserving institutional knowledge and expertise, Micetro delivers a fast return on investment.



Benefits

- **Ease of installation—forget proof of concepts, which take weeks**
  In less than an hour, install Micetro on a virtual machine on-premises or in the cloud, or on a bare metal server. It is also available as a free trial.
- **Ease of data transition—no forklift upgrades**
  There is no need to change your existing environment if you're running Microsoft DNS, ISC BIND, ISC DHCP, Kea DHCP, AWS Route 53, Azure DNS, Google Cloud, or Cisco Meraki.
- **Reduced learning curves—standardize in a multi-vendor environment**
  Standardize your DDI on-premises at the core, at the edge, and in the cloud to reduce the need to acquire new skill sets for the same tasks.
- **Effortless management—tame agent sprawl for DNS and DHCP environments**
  Eliminate the need for multiple agents on Microsoft DNS or DHCP servers with a single proxy agent for your entire environment, simplifying installations and maintenance.
- **Granular access control—tailored permissions for precise management**
  Assign permissions to specific objects like DHCP scopes and DNS zones, mitigating unnecessary access or changes to Microsoft DNS domain controllers that can affect network uptime.

- **Enhanced insights—comprehensive integration for data-driven decisions**
  Improve visibility, planning, and management with supported and integrated Active Directory forests and dynamic IPvX allocation methods for Microsoft DNS and Kea DHCP.
- **Secure access—compliant security across environments**
  Seamlessly use single sign-on and multi-factor authentication to manage access to integrated hybrid cloud systems and meet internal security requirements.

Features



Bring order to your IP address management
Gain complete network visibility to prevent downtime from IP conflicts and misconfiguration with powerful IP address management and network discovery tools.



Manage DDI across hybrid and multicloud environments
Move toward more efficient DDI with consolidated views, secure monitoring of hybrid and multicloud network services, and integrated management of all network spaces across platforms.



Cisco Meraki SD-WAN integration
Connect with an API key to centralize IPAM visibility and orchestrate DHCP across your Meraki SD-WAN environment (MX appliances), with more visibility, context, and granular role-based access control.



Improve DNS management
DNS is the nerve center of your sophisticated, complex enterprise network, and Micetro helps you run it smoothly with better DNS management.



Defend against DDoS with xDNS redundancy
xDNS redundancy reduces the risk of exposure from single points of DNS failure and improves mitigation of distributed denial-of-service (DDoS) and other harmful DNS attacks.



Micetro-managed dedicated appliances
Network appliances are a key component in many enterprise networks. Micetro can manage dedicated physical or virtual appliances for BlueCat Micetro DNS/DHCP Servers.



Boost DHCP performance and reliability
Enable uninterrupted connectivity in any network environment and manage DHCP across a wide range of servers from a single user interface.



Work smarter with DNS workflows
Gain greater control and transparency over changes within your DNS infrastructure through an efficient queue of requests and approvals for DNS tasks.



Make better decisions with data-driven reporting
Track available assets, spot trends, discover vulnerabilities, and benefit from collecting and filtering data.

BlueCat's Intelligent Network Operations (NetOps) solutions provide the analytics and intelligence needed to enable, optimize, and secure the network to achieve business goals. With an Intelligent NetOps suite, organizations can more easily change and modernize the network as business requirements demand.

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Next steps

See for yourself how Micetro can simplify DDI management without disrupting your network environment.

Request a demo

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