BLUECAT™

⊚ DNS EDGE

THE ENEMY IS ALREADY INSIDE YOUR NETWORK. IDENTIFY, ASSESS AND BLOCK INTERNAL THREATS WITH DNS EDGE

BlueCat DNS Edge is a client-facing firewall that leverages your existing DNS infrastructure to provide visibility, control, and detection capabilities to your organization. Because it is client-facing, DNS Edge allows you to get more granular insight than you can with traditional firewalls that face the internet. You can:

Log every DNS query

from every client no matter where they are in the enterprise.

Ensure visibility over every DNS query

as opposed to only the queries that make it to the cache servers.

Apply policies based on context.

Ensure connected IoT devices only access white-listed domains, grant or limit access to internal applications by category.

Why BlueCat DNS Edge?

Even though 91% of attacks leverage DNS to receive instructions, exfiltrate data, and reverse engineer the network, Cyber security professionals frequently overlook DNS. DNS Edge can help identify and mitigate attacks like:

Compromised Internet of Things (IoT) devices

Major DDoS attacks orchestrate attacks using millions of devices, many of them on corporate networks. DNS Edge can indicate whether IoT systems like HVAC, door locks, or point of sale devices are secure.

Insider Threats

55% of all attacks are carried out by malicious insiders or accidental bad actors, collectively known as insider threats. DNS edge can help you track device-generated traffic to uncover and monitor these threats.

Malware-induced lateral movement within your network

Most Malware uses DNS to spread through networks, transmit data and receive instructions. DNS Edge can detect these queries, isolate devices and quickly identify patient zero – the first device infected.

BlueCat DNS Edge enables enterprises to gain visibility into the intent of every device on their network, uses those insights to identify inappropriate behavior, and then take appropriate action against suspicious or malicious activity.

Enhanced security without complicating operations and infrastructure
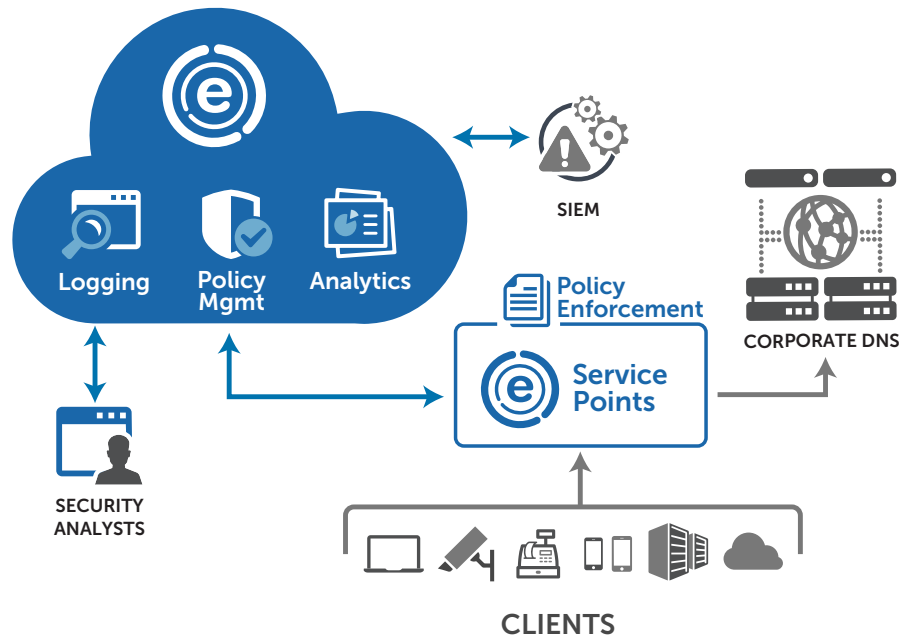
Agentless Deployment

BlueCat DNS Edge provides visibility, protection, and control to any device that leverages DNS without the need to deploy any agent or client on those devices.
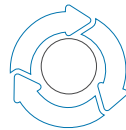
Operational Simplicity

BlueCat DNS Edge is integrates with existing applications like a SIEM, behavioral analytics platforms or data correlation platforms, or any other system that can benefit from access to this information.

Zero-Touch Deployment

BlueCat DNS Edge collects DNS data through a small virtual gateway known as a "Service Point" that serves as a proxy between the DNS client and the existing non-BlueCat DNS server infrastructure and gathers the appropriate DNS data without requiring changes to the underlying DNS infrastructure.
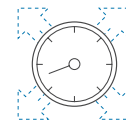
Scalability & Availability

Built on proven, enterprise cloud infrastructure that dynamically scales to meet any collection, storage, and processing requirement without interruption and allows for local high availability as well as geographic failover.

About BlueCat

BlueCat is the Enterprise DNS company™. We provide software solutions that centralize, automate and leverage DNS services and data for optimal visibility, compliance, scalability, security. BlueCat works with the world's largest and most recognizable brands - including SAP, Facebook, JPMorgan Chase, Disney, Toyota, Apple, Dell, 3M, and Nike - to manage and secure their networks so that employees can access the computing resources they need, when they need it.