DATASHEET

Infoblox Threat Defense™ Federal Cloud

FedRAMP Authorized Cloud-Based Security Services for U.S. Agencies

Infoblox Threat Defense Federal Cloud delivers FedRAMP-authorized, AI-powered DNS, preemptive security to help U.S. agencies detect and stop threats earlier—before they reach users, endpoints or sensitive data.

THE CHALLENGE

With cybercrime growing in frequency, sophistication and impact, the gap between risk and protection continues to widen. Cybercrime is rising fast, with global costs expected to hit $23 trillion by 2027.[1] This surge reflects the increasing complexity of attacks from ransomware and phishing to AI-powered threats targeting cloud and SaaS environments.

Governments have responded with urgency. The United States has implemented executive mandates to modernize federal cybersecurity, improve public-private threat intelligence sharing and enhance detection and response capabilities.[2] Yet, both the government and the private sector continue to face significant challenges.

Cyberthreats are evolving rapidly, becoming more sophisticated, evasive and damaging. The shift to hybrid work and cloud-first strategies has expanded the attack surface. At the same time, security teams are under immense pressure to detect and respond faster, ideally before threats reach endpoints, users or sensitive data: **60 percent of SOC analysts report increasing workloads and 55 percent of organizations miss critical alerts daily.**[3] Yet, limited resources, alert fatigue and fragmented tools make this increasingly difficult.

The stakes are high. **The average cost of a data breach is $4 million**,[4] underscoring the need for earlier, more proactive defenses. Security teams need smarter, earlier signals to reduce noise, accelerate investigation and act decisively.

THE SOLUTION

As a foundational layer of internet communication, DNS based threat intelligence enables **preemptive detection**, identifying threats before they escalate. This is especially critical in hybrid environments where remote users, cloud apps and unmanaged devices expand the attack surface.

This is where Infoblox Threat Defense™ delivers a critical advantage.

KEY BENEFITS

Cloud-Based Proven Security
Simple, reliable and scalable cloud-first services trusted by leading U.S. agencies and enterprise customers, including 350 of the Fortune 500.

Threat Intelligence Aggregation and Distribution
Automatically deliver real-time, curated threat intelligence to existing tools for consistent protection and maximum ROI.

Precise Threat Contextualization for Faster Answers and Better Decisions
Improve the speed, quality and accuracy of threat research, investigation and response efforts.

Preemptive detection with Infoblox Threat Intelligence helps reduce risk before threats cause damage empowering federal agencies to act earlier, respond faster and reduce risk more effectively. Infoblox delivers cloud-first security services that are simple, scalable and reliable for the U.S. federal government. **Threat Defense Federal Cloud** provides agencies with predictive DNS focused Infoblox threat intel, along with other sources of intelligence through a single, open platform **Threat Intelligence Data Exchange** (**TIDE**).

This intelligence can be seamlessly distributed to existing security tools, such as firewalls, proxies and gateways, ensuring consistent protection across the network. The solution also includes **Dossier**, a powerful threat research tool that accelerates investigation and response by providing rich context and automated lookup across dozens of sources.

Infoblox Threat Defense Federal Cloud empowers agencies to modernize their defenses with AI-driven, preemptive security, ensuring faster response, reduced risk and mission continuity.

KEY FEATURES

- **Detect and Block Modern Malware with TIDE**
  Infoblox's **TIDE** uses AI and machine learning to automatically collect, correlate and enrich threat intelligence from internal and external sources. This enables **preemptive detection and blocking** of modern threats, including ransomware, phishing and AI-generated malware, before they reach endpoints or users. TIDE delivers curated, high-fidelity indicators that can be distributed across your security stack for consistent protection.

- **Dossier for Faster Threat Investigation**
  Dossier empowers analysts with automated threat lookups, deep DNS telemetry and rich contextual insights making them up to **three times more effective**. By leveraging machine learning and real-time threat actor profiling, Dossier helps security teams **investigate faster, reduce false positives** and respond with confidence. It is a critical tool for reducing mean time to resolution (MTTR) in high-pressure environments.

- **Infoblox Portal**
  The **Infoblox Portal** provides a centralized, intuitive interface for managing threat indicators, monitoring DNS activity and orchestrating security policies. Designed for hybrid and multi-cloud environments, it enables **cloud-first administration** of Infoblox's AI-driven security services.

FEDERAL CLOUD ADVANTAGE

With FedRAMP Authority to Operate (ATO) certification, Threat Defense Federal Cloud, including Dossier and TIDE, is approved for use across agencies operating under FedRAMP compliance. Delivered as a cloud-native service, it helps federal organizations modernize their defenses, unify visibility and act preemptively against today's most advanced threats. Infoblox serves a majority of U.S. departments and agencies, and commercial enterprise customers, including 350 of the Fortune 500.
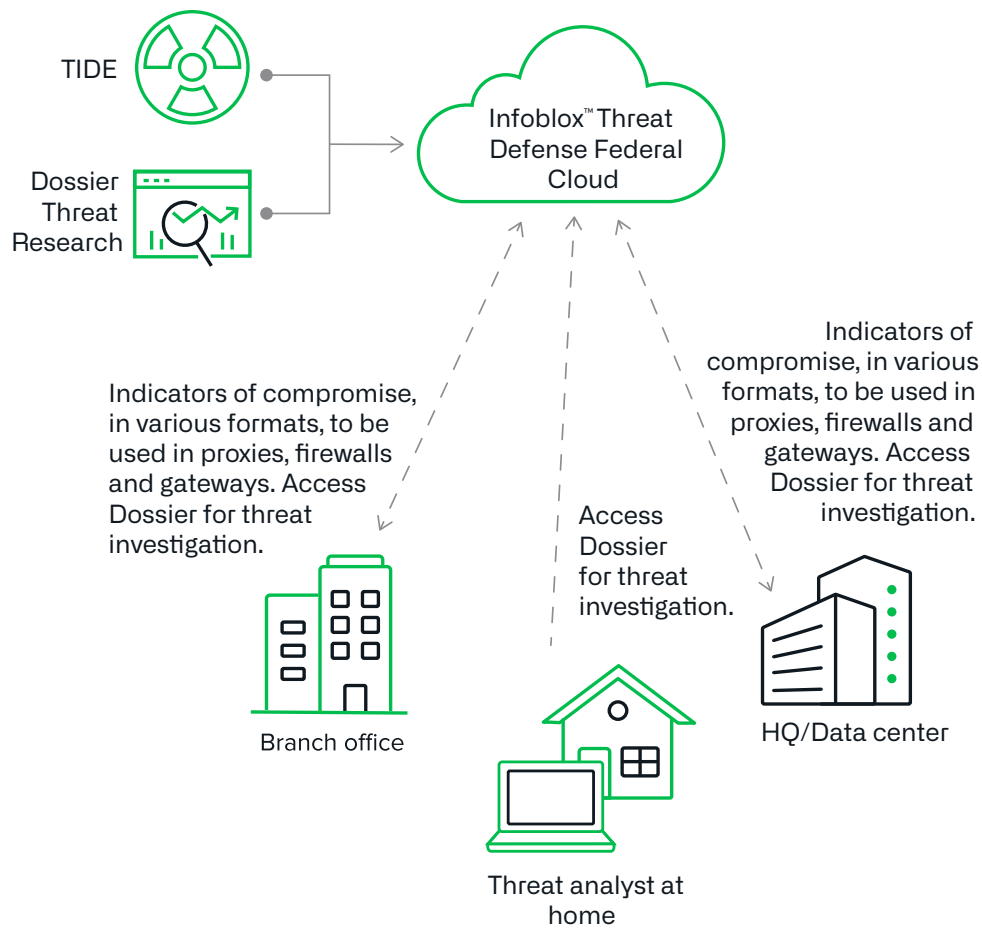
Figure 1: BloxOne DDI for distributed environments

1. *Key Cyber Security Statistics for 2025, SentinelOne*, July 14, 2025.
2. *Gartner Identifies the Top Cybersecurity Trends for 2024,* Gartner, February 22, 2024.
3. *Cybersecurity Trends: Resilience Through Transformation*, Gartner, 2025.
4. *Cost of a Data Breach Report 2025*, IBM, 2025.

infoblox

Infoblox unites networking, security and cloud with a protective DDI platform that delivers enterprise resilience and agility. We integrate across hybrid and multi-cloud environments, automate critical network services and preemptively secure the business—providing the visibility and context needed to move fast without compromise.

Corporate Headquarters
2390 Mission College Blvd, Ste. 501
Santa Clara, CA 95054

+1.408.986.4000
www.infoblox.com

Version: 20250820v1