



NEXT LEVEL
NETWORKING

Secure DDI managed
on-prem and *in the cloud*



BRINGING DDI TO THE NEXT LEVEL

WITH SECURE CLOUD-MANAGED NETWORK SERVICES

More than ever, your organization depends on your network. To run reliably and securely, your network depends on core network services, including DNS, DHCP, and IP address management. Collectively known as DDI, these services play an integral role in all interactions between devices, web destinations and web-based applications.

Infoblox brings next-level security, reliability and automation to cloud and hybrid systems, managed through a single pane of glass. This means your network—and your business—can run safer and faster with the high availability, efficiency and application response times you need to thrive in the hyperconnected world.



NEXT LEVEL RELIABILITY



**A Tier 1 network foundation with five nines availability
delivered as software defined services**

In today's hyperconnected world, your network is your business. That means it has to remain rock solid and available at all times. Disruptions, outages, and slow performance, whether from cyber attacks or management complexity, can cause lasting damage in terms of customer experience, brand reputation and the bottom line. With Infoblox, you can achieve the high availability and reliability your network demands, even as you modernize your deployments across on-premise and cloud environments.

With Infoblox you can:

- Operate always-on infrastructure with five nines availability
- Stay resilient to DNS based DDoS attacks and automatically discover rogue devices that can potentially launch attacks
- Deliver applications and services anytime, anywhere
- Act with visibility and real-time intelligence across your entire ecosystem
- Reduce capital investment costs

"Infoblox has given us a very, very solid platform. It works very reliably with little maintenance."

– Simran Sandhu, Manager of Global Infrastructure
Adobe



NEXT LEVEL AUTOMATION

70% reduction in manual tasks and \$1 million+ annual cost savings

To be agile and resolve security problems at the speed your business requires, you need the ability to automate routine tasks and glean real-time insights from massive data volumes your network generates. Yet, these insights remain elusive without adequate visibility into network infrastructure. Manual tasks, a diverse infrastructure and disjointed management solutions only compound the difficulty.

Infoblox automates routine tasks such as device configuration, provisioning, and security operational tasks, enabling you to achieve compliance, respond to incidents in a timely fashion, and deploy new apps services faster.

“With all automated processes running smoothly, we can now focus our efforts on more strategic business-oriented projects.”

– Joris Beckers, Network Engineer
Colruyt Group

With Infoblox you can:

- Easily integrate with cloud orchestration tools via APIs for automatic configuration and problem resolution
- Gain real-time actionable insights by automating the process of gathering and analyzing data from core network services
- Automatically restructure networks based on usage and capacity before availability issues surface
- Share network intelligence with other components of your infrastructure, including third-party assets
- Simplify and automate reporting to ensure compliance with internal policy and regulatory mandates



NEXT LEVEL SECURITY

Fortify your network with billions of threat indicators and more than 30 API-level security vendor integrations

Cybercriminals exploit the open nature of DNS to infect devices, propagate malware and exfiltrate data. At the same time, it's becoming harder and harder to detect and remediate threats faster against a backdrop of increasing network complexity, siloed network and security tools, soaring data volumes, and rapid threat evolution. The longer it takes to respond to incidents, the more risk the organization faces.

Infoblox's DNS infrastructure serves an ideal enforcement point – close to the endpoint and able to accurately scale to accommodate 250 times more threat indicators than your traditional next gen firewall.

Infoblox speeds response and remediation of cyberattacks by integrating network and security data through an extensible framework of APIs and the richest database of aggregated, curated threat intelligence in the industry.

With Infoblox security solutions you can:

- Protect your network from the widest range of DNS-based attacks
- Quickly isolate compromised devices
- Share threat indicators of compromise and intelligence across your existing indicators of compromise and security infra-structure to automatically remediate problems
- Prevent issues before they arise by harnessing real-time predictive analytics from DDI data to detect and block malware command-and-control (C&C) and data exfiltration
- Prioritize threats based on network and business context

"In my opinion, Infoblox security is superior to almost everything on the market."

– Network Analyst, Fortune 50 Energy Company



OUR WORLD IS NOW HYPER-CONNECTED

4^B

ACTIVE INTERNET ¹
USERS WORLDWIDE
IN 2017

780^M

MALWARE ATTACKED ³
OVER THE PAST
10 YEARS

3.3^{ZETA}
BYTES

ANNUAL GLOBAL IP ⁵
TRAFFIC BY 2021

125^B

CONNECTED IoT ²
BY 2020

92%

ENTERPRISES ADOPTED ⁴
PUBLIC CLOUD
IN 2018

Conventional network management solutions are manual, fragmented and vulnerable to attack. They weren't designed to keep pace with the exponential growth of devices, IP traffic and sophisticated security threats. As organizations move to cloud and hybrid on-prem/cloud infrastructure, it's more critical than ever to integrate network and security operations.

Demanding a new level of networking

In the new hyperconnected world, opportunities are coming at us faster than before—intelligent apps, IoT, machine learning, blockchain and more. Traditional networking excels in the tightly connected world, but was not designed for today where rapidly evolving cloud infrastructure, apps and connected devices are creating both opportunity and risk. The hyper-connected world demands a new level of networking—designed from the ground up to be agile, while remaining rock solid and secure, with visibility across the entire ecosystem.

To keep up, perhaps you've expanded to cloud, added more hardware, or more third-party service providers. This has created enormous complexity which has become absurdly difficult to manage. Infrastructure is all over the place and customers are getting their services through multiple environments. All of this introduces risks like breaches, data loss and downtime.

Next Level Networking is key to maintaining a secure, rock solid network throughout this rapid growth and change. Its key attributes are:

- **Always on:** Resilient, on demand, performance
- **Data-Driven:** Shared intelligence & performance across your entire ecosystem
- **Secure:** Protection against cyberattacks & rogue devices
- **Hyperscale:** Onboard apps, services, devices, users and branches in minutes
- **Anywhere:** Deployment model of choice, available anywhere

In short, Next Level Networking delivers maximum flexibility while supporting your current infrastructure environment, whether on-premises, in the cloud or bridging both worlds.

1. <https://wearesocial.com/blog/2018/01/global-digital-report-2018>

2. <https://cdn.ihs.com/www/pdf/loT-ebook.pdf>

3. <https://www.av-test.org/en/statistics/malware/>

4. <https://www.rightscale.com/blog/cloud-industry-insights/cloud-computing-trends-2018-state-cloud-survey>

5. <https://www.cisco.com/c/en/us/solutions/collateral/service-provider/visual-networking-index-vni/vni-hyperconnectivity-wp.pdf>

SUPPORTING YOUR JOURNEY TO NEXT LEVEL NETWORKING

Everything is moving to the cloud. Workloads, data, applications, and now networks. The cloud beckons even tightly regulated industries that require on-premises infrastructure. Some day soon, Tier 1 networks will be operated and managed entirely from the cloud. And so will the core DDI services that make their interactions possible. All built on a foundation of security, reliability, and automation.

That's our vision of Next Level Networking. But it won't happen overnight. We provide you with everything you need go from where you are today to wherever your business leads, and at a pace that works for you.

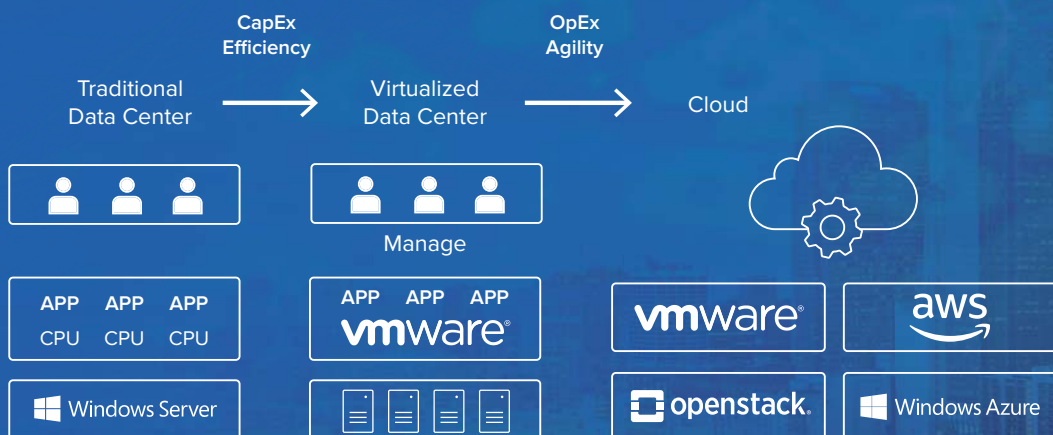
Whether you run your network using on-premises physical or virtual infrastructure, in private and public clouds, or through a combination of on-prem and hybrid cloud, our solutions enable you to take your network to the next level, right now.

Infoblox empowers your organization to:

- Easily extend your existing Infoblox NIOS deployment to support applications running in hybrid clouds
- Automate your migration to the cloud incrementally and with enhanced visibility and control
- Run new cloud-managed DDI services on your existing hardware, preserving your investments
- Pay the way you want—through perpetual licenses or subscription-based, pay-as-you-go pricing
- Do all of the above securely, flexibly and without disruption



Talk to us today about mapping your journey to next level networking



RECOGNIZED MARKET LEADER

We deliver next level DDI to 8,000 customers around the world, including 350 of the Fortune 500. We are the industry leader in DDI, comprised of DNS, DHCP and IP address management. We empower thousands of organizations to securely manage their on-prem, cloud and hybrid networks through a single pane of glass.

8,000
CUSTOMERS

350
OF THE
FORTUNE 500

50%
MARKET SHARE

BILLIONS
OF THREAT
INDICATORS

50⁺ API-LEVEL
INTEGRATIONS
ACROSS
SECURITY &
IT OPERATIONS TOOLS

A SAMPLING OF OUR CUSTOMERS



AIRBUS

BBVA



CITRIX

Deloitte

ebay

Geisinger



HSBC

IBM



Nestlé



SAMSUNG



Map your journey to next level networking with Infoblox today.

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