

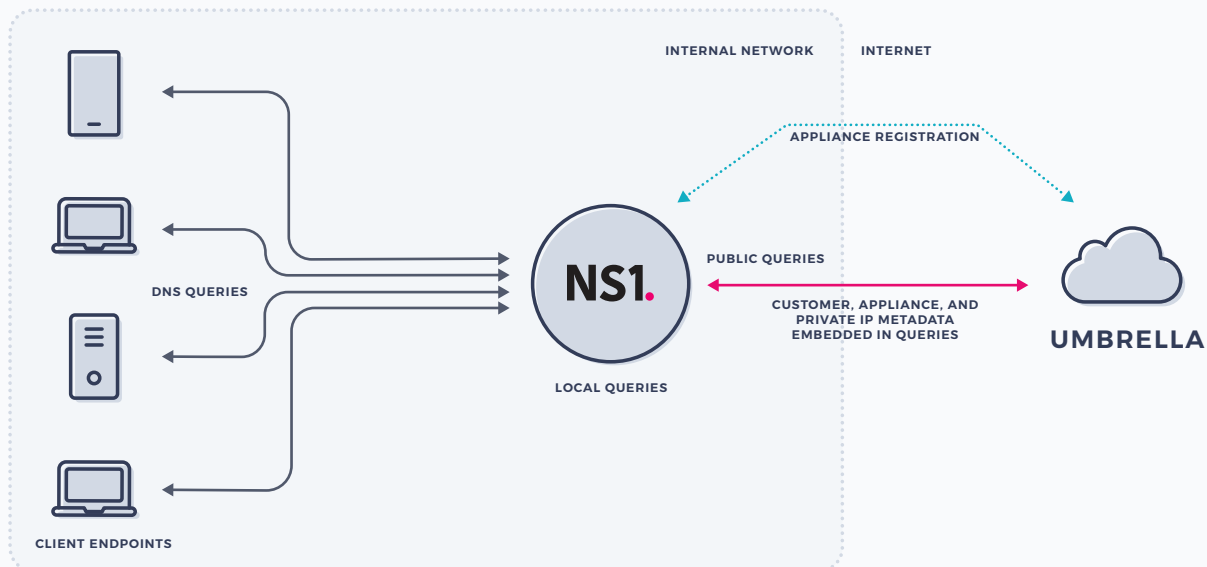
## DATASHEET

# NS1 Enterprise DDI and Cisco Umbrella.

DNS, DHCP and IP Address Management (DDI) are critical IT services. Even brief outages or slowdowns in these services are highly disruptive to normal day to day business operations. Employees cannot access email or files, and communication with business partners and customers comes to a halt. In short, the DDI system must be 100% available and performing at the highest level.

Security is equally important. Virtually every attack on internal IT systems relies on DNS as mechanism to introduce malware into the network, exfiltrate data or in many cases – to do both. While DNS is an attack vector, it is also an opportunity. By leveraging DNS as a security mechanism, attackers are denied the means they rely on for successful attacks.

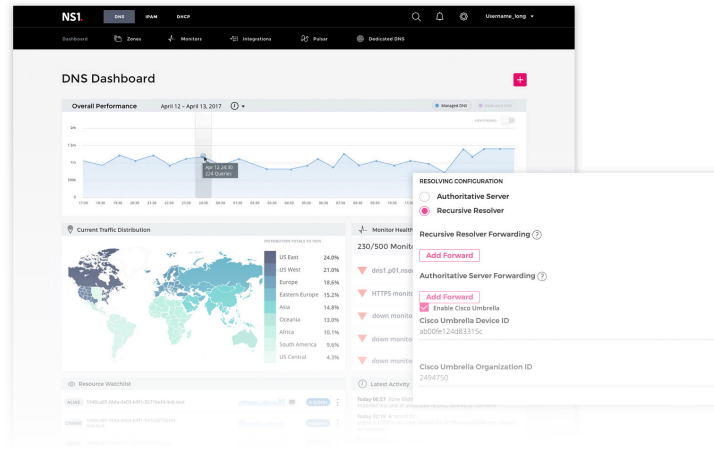
Cisco and NS1 have teamed up to address these issues. The combination of NS1 Enterprise DDI with Cisco Umbrella provides a modern platform for high performance application delivery across the enterprise with security that seals off the communication pathways that attackers rely on.



## NS1 Enterprise DDI - Mission Critical for Application Delivery

Software applications drive competitive advantage. That is why enterprises are more application-centric than ever before. NS1 Enterprise DDI accelerates application deployment and improves performance across complex, hybrid infrastructures. Your DevOps teams become more productive and your applications perform better and more reliably than ever before.

- ▶ API First architecture
- ▶ Integrations supporting the application delivery lifecycle
- ▶ Advanced DNS traffic management
- ▶ Easy to use, intuitive GUI and workflows
- ▶ Designed for diverse infrastructure - public and private cloud, on prem branch offices and HQ



## Stronger Together

NS1 Enterprise DDI and Cisco Umbrella together provide a unified solution that supports agile application deployment and delivery, with the security that protects your most critical assets.

## Shut Down Attacks, Prevent Malware from Spreading

Sooner or later malware will get into your network. But the attack is not complete until the malware contacts its command and control server somewhere on the dark web. Cisco Umbrella not only helps to protect against initial infection with proactive threat intelligence powered by Cisco Talos, but also prevents communication to an attacker's server in the event devices do become infected. By blocking command and control callbacks, you can stop data exfiltration and ransomware encryption. Even when your users are outside the office and surfing the web, they are protected by Umbrella.

Umbrella enables you to:

- ▶ Stop malware at the earliest point
- ▶ Protect users from malicious applications and websites
- ▶ Prevent the spread of malware across the network
- ▶ Set and enforce acceptable use policies
- ▶ View activity logs

## ABOUT NS1

NS1 optimizes delivery of the world's most critical internet and enterprise applications. Only NS1's platform is built on a modern API-first architecture that acts on real-time data and grows more powerful in complex environments, transforming DNS, DHCP, and IP Address Management (IPAM) into an intelligent, efficient, and automated system. NS1's technology drives dramatic gains in IT efficiency and application performance, reliability, and security for the largest global enterprises, including Salesforce, LinkedIn, Dropbox, Nielsen, Pitney Bowes, Squarespace, Pandora and The Guardian.