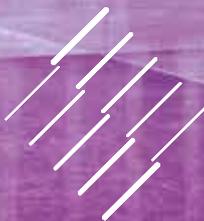


SECURING GOVERNMENT



NOMINET
CYBER
SECURITY



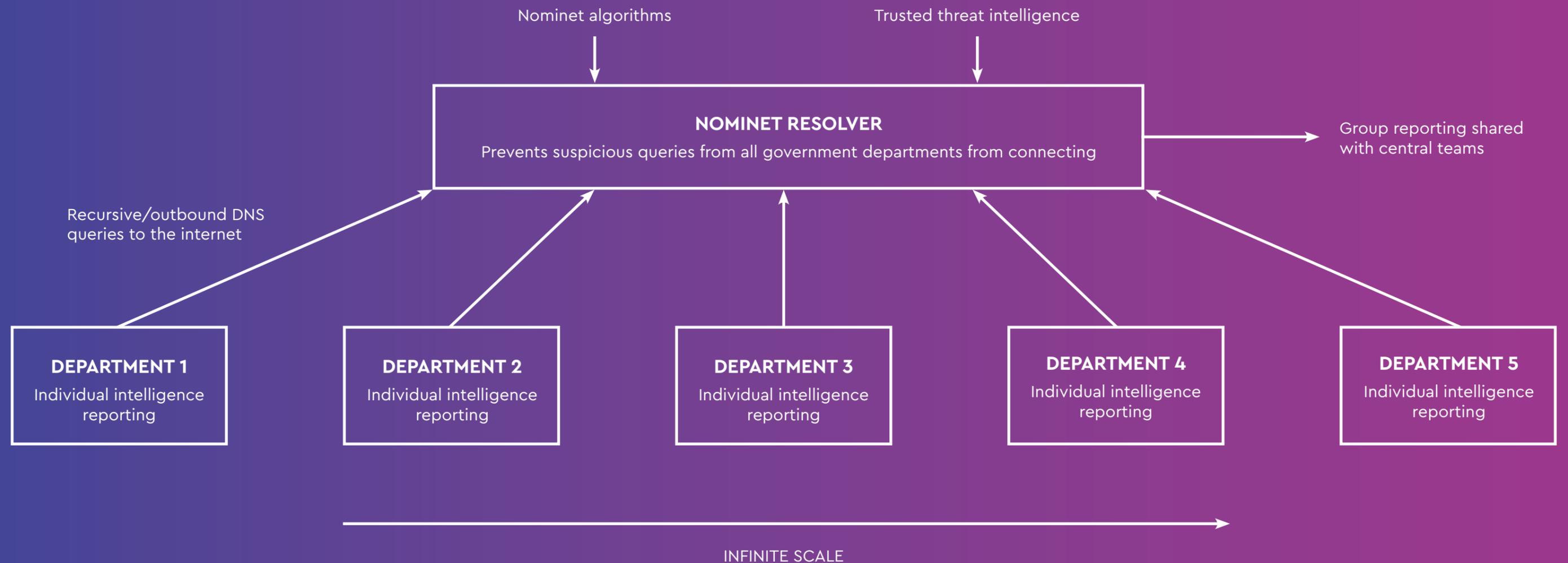
The number of cyber attacks continue to rise along with the amount of data and classified information governments store, process and analyze. This combination is fast becoming a significant problem for public sector organizations around the globe.

For many, there's too much information and not enough action as governments stretch resources in their attempts to deal with the level of mitigation and remediation required to keep networks secure.

Nominet's Protective Domain Name System (PDNS) solution delivers significantly elevated cyber security for public sector entities by analyzing the DNS layer to remove threats. The PDNS service is a highly scalable and resilient service, which runs using Nominet's NTX technology on a dedicated infrastructure, delivering answers to DNS queries, but blocking any queries connecting to malicious domains.

Using trusted intelligence feeds to identify known threats, combined with Nominet's patented algorithms to predict, detect and block the unknown threats, the PDNS service reduces for the risk of malware, phishing and data theft (through DNS tunnelling). Additional configuration enables you to monitor and detect DNS hijacking along with identification of domains which could be indication of typo squatting or spear phishing attacks using your brand.

Protective DNS infrastructure



Protective DNS: security delivered

Intelligence-led defense

Actionable threat intelligence, highlighting suspicious events is shared with central teams while specific reporting (and proactive blocking where appropriate) is provided to individual departments. Nominet's PDNS service helps government agencies reduce false positives and focus only on true threats.

Enhanced resilience and protection

NTX delivers seamless answers to DNS queries, while blocking any queries to malicious domains, or any domains you blacklist. The approach gives governments greater organizational cyber resilience, protecting users from known malicious sites, as well as informing and supporting UK government cyber incident response functions to manage the impact of cyber attacks.

Augmented SIEM

Rich APIs which allow DNS threat intelligence to be integrated into existing SIEM and management reporting systems, speeding up response times and providing intelligence for post-breach forensics. The Protective DNS integration also lightens the load on the SIEM by cutting down the amount of information it has to handle.

Flexible delivery

PDNS can be delivered as a centrally managed service, providing a highly effective, scalable and cost-effective method of protecting all central and local government entities. With this approach, each department benefits from the service rather than using unnecessary resource and budget to procure its own PDNS service.



"The PDNS service has proven its value already, providing a real protective effect at scale."

Dr. Ian Levy, Technical Director of the UK's National Cyber Security Centre

Trusted by UK Government

Chosen by the UK Government to run a protected DNS service across UK public sector organizations.

In one year, the PDNS service was able to:

- Answer 68.7 billion queries
- Block 57.4 million queries for 117,527 unique reasons
- Protect an estimated 1.4 million employees across the UK public sector

A specialist in cyber security for government institutions

As the registry for .UK domains, Nominet has over two decades of experience in network analytics and protection. Our technology was built to help us understand and protect activity on the UK internet – so we know it works.

Due to the level of sensitivity, securing government networks is complex. However, Nominet's PDNS solution provides crucial protection for the UK Government and over 250 additional UK public sector agencies.

Our strong relationship with UK Government, along with our solution's ability to work in classified/non-classified environments, makes Nominet's NTX PDNS the perfect solution for government institutions worldwide.

For more information on how Nominet can help secure governments and public sector organizations, please contact us.

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