

NOMINUM® N2™ CONNECT

# Streamlining deployment of the N2 Product Suite

N2 Connect enables service providers to rapidly launch N2 applications without modifying their existing DNS infrastructure. With it, value-added services for cybersecurity, subscriber safety, parental controls and in-browser subscriber messaging can be launched with zero disruption.

## Rapid deployment of value-added services to support digital transformation efforts

With N2 Connect, service providers can deploy “subscriber-first” services to personalize the online experience for their subscribers—quickly and easily. Services such as network and device-wide parental controls; subscriber protection from malware, adware, phishing and ransomware; and in-browser communications not only provide competitive differentiation for providers—they also create more loyal subscribers.

Providers now have a reduced time to market with N2 Connect, which leverages a streamlined version of Vantio CacheServe. CacheServe has formed the foundation for the world’s fastest and most reliable internet networks for over a decade.

## Nominum N2—an extensible platform for digital transformation

The Nominum N2 platform helps to forge a clear path for service providers to move beyond a one-size-fits-all, network-centric approach to a value proposition that is highly differentiated and subscriber-centric. The following applications are part of the N2 application suite:

- **N2 ThreatAvert** protects networks from inside threats with accurate, adaptive and automated technology.
- **N2 Engage Subscriber Safety** protects subscribers from malware and guards against identity and financial theft.



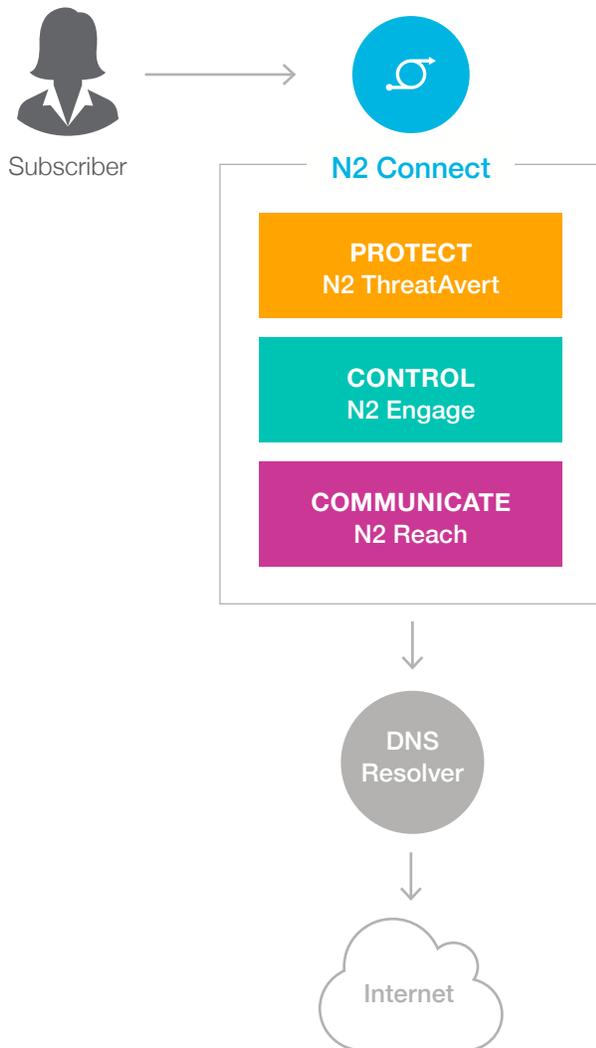
*N2 Connect enables service providers to rapidly launch value-added N2 applications without modifying existing DNS infrastructure.*

### KEY HIGHLIGHTS

- Supports dual-DNS infrastructure.
- Removes burden of re-architecting DNS so product and security teams can quickly launch advanced services.
- Takes load off existing DNS and can answer 90% of queries.
- Provides universal subscriber experience.
- Capacity and OPEX optimization.
- Comprehensive reporting is available with useful attributes.

- **N2 Engage Content Compliance** allows compliance with government internet content mandates and social responsibility commitments.
- **N2 Engage Personal Internet** delivers powerful, precise parental monitoring and controls that work across all devices and networks.
- **N2 Reach** boasts far greater engagement and conversion rates than traditional methods through in-browser messaging.

### How it works



*N2 Connect lets providers quickly layer integrated, value-added services on top of their existing DNS.*

## Supports a universal subscriber experience regardless of infrastructure

It's not uncommon for service providers to have different DNS solutions for different parts of their business. With N2 Connect, subscribers have a universal online customer experience across networks regardless of the underlying IP infrastructure. The N2 application suite works across all devices and all networks. For example, if a subscriber enables parental controls, policies cover all network-connected devices and all networks—including fixed, mobile and Wi-Fi.

## Provides better DNS resolution

With N2 Connect, policies can be applied to subscriber DNS lookups before the query is forwarded to existing resolvers. When the lookup is cached, subsequent queries are answered by N2 Connect, often resulting in a 90% reduction of load on existing DNS infrastructure. Optimized DNS resolution and latency improvements are achieved through superior memory, cache and query management techniques that deliver high performance and scalability while dramatically improving response times for subscribers. The forwarding engine continuously assesses Round Trip Times (RTT) of configured resolvers to select the fastest responders or remove problematic servers from the pool.

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## ABOUT NOMINUM

Nominum is the world's DNS innovation leader and the first company to create an integrated suite of DNS-based, subscriber-centric applications that digitally transform service providers while personalizing the online experience for subscribers. More than 100 providers in over 40 countries trust Nominum software to protect their networks and deliver greater value to subscribers.

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