



Core Network Services

Ensuring every connection stays secure and reliable with automated DNS, DHCP, and IP address management.



Making the case

A seamless user experience starts with a strong foundation. Behind every secure connection, cloud app, and digital interaction are the essential services that keep your network running: DNS, DHCP, and IP address management (DDI).

These services are often overlooked until something goes wrong. When DNS fails, productivity stops. When IP addresses aren't managed properly, performance and security suffer.

In today's digital world, DNS plays a critical role in security. Attackers increasingly use AI to generate bogus or impersonation domains that appear legitimate but lead to malicious sites. Protecting against these evolving threats requires intelligent, automated DNS security that can detect and block suspicious domains before they reach the user.

Core Network Services brings automation, visibility, and protection to these critical functions. By reducing manual effort, preventing configuration errors, and strengthening DNS security, organizations can improve reliability, lower costs, and free IT teams to focus on innovation.

As part of [StreamlineX](#), Core Network Services is the foundation that allows bold network design and the adoption of new network optimizations and efficiencies.

Our approach

Teneo's approach to Core Network Services has two parts.

The first focuses on streamlining and securing the core functions that keep your network running. We bring DNS, DHCP, and IP address management together into a unified, automated system that delivers visibility, reliability, and control across your entire environment.

- **DNS Management:** We ensure your domain names are always available and reliably translated into IP addresses, maintaining seamless access to your applications and services.
- **DHCP Services:** Our automated, efficient IP address allocation supports scalability, reduces manual effort, and adapts easily to changing network demands.
- **IPAM Strategies:** We provide clear visibility and control over your IP address space, simplifying planning, reducing errors, and supporting confident decision-making.

In essence, our approach doesn't just manage these critical services – it optimizes them to support business growth, reduce operational overhead, and strengthen your network foundation.

The second part focuses on protection. Every day, thousands of new domains are created, many designed to deceive users or launch attacks. Using intelligent DNS security, we identify and block malicious or AI-generated domains before they can connect to your network, protecting users and data without slowing performance.

This two-part approach gives you confidence that your core network services are not only reliable and automated but also secure against evolving threats – ready to support a connected, AI-driven world.



Key benefits

- Always-on reliability for critical network services
- Automated DNS, DHCP, and IP address management to reduce manual effort
- Enhanced DNS security that blocks malicious or AI-generated domains
- Improved visibility and control across hybrid and cloud environments
- Actionable insights to optimize performance and user experience
- Simplified compliance and stronger audit readiness
- Scalable architecture that grows with your business
- Lower operational cost and greater IT efficiency
- Stronger, more resilient network foundation

StreamlineX

Core Network Services is a cornerstone of StreamlineX, our framework for building networks that are secure, optimized, observable, and AI-ready. By automating DNS, DHCP, and IP address management and embedding DNS security at the core, it delivers reliability, resilience, and control across every connection. StreamlineX makes it easier for IT teams to see clearly, secure confidently, and design boldly, keeping your network strong, efficient, and ready for what's next.

Find out more about StreamlineX [here](#).

Next steps

To get started with Teneo's Core Network Services, contact us to schedule a discussion today at info@teneo.net.



Purpose Beyond Profit

In working with Teneo, you are helping to improve the lives of a million children around the world. [Learn more](#)

About Teneo

Most Network and Security teams are overworked so making progress is a challenge. We securely connect users to their applications by combining leading technology with expert guidance. You stay in control, simplify your operations and keep ahead of the game.

Find out more at www.teneo.net.

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