



Secure Service Edge (SSE)

Redefine network security with a unified, agile cloud-first architecture for hybrid networks.



Making the case

In the current digital landscape, organizations struggle with multifaceted challenges in securing and efficiently managing their IT environments. The rise in sophisticated cyber threats, including malware, ransomware, and phishing attacks, calls for robust and comprehensive protection. At the same time, the shift to cloud-based services and the need for reliable access, especially in remote and branch office settings, demands enhanced network performance and application delivery. Additionally, the complexity of managing disparate security appliances and network infrastructure strains IT resources, while the financial burden of traditional on-premises solutions adds to the challenge.

This is where Teneo's Secure Service Edge (SSE) solution comes into play. SSE addresses these challenges by consolidating multiple advanced security functions into a unified, cloud-native platform. It offers a streamlined approach that not only enhances security posture against a range of cyber threats but also optimizes user experience through improved network performance. Furthermore, SSE simplifies IT operations and reduces costs by centralizing management and adopting a subscription-based pricing model. Its scalability and agility ensure that organizations can rapidly adapt to changing business requirements and evolving threat landscapes. Thus, SSE emerges as a comprehensive solution, enabling organizations to navigate the complexities of the modern IT environment while driving business growth and value.

SSE forms part of StreamlineX, Teneo's innovative framework that enables IT teams to provide secure, optimized, and observable connections between users and applications.

Our approach

We take a consultancy-based approach to deploying SSE using the following steps to ensure maximum value from your investment.

1. Initial Assessment and Requirements Gathering



We collaboratively define the objectives you want from your SSE deployment, considering factors such as technical requirements, commercial needs, operational models, and regulatory requirements. We use this information to create a Solutions Requirements Document (SRD), which shapes the design process.

2. Design and Architecture Planning



Working together, we will develop a tailored SSE design and architecture that aligns with your organization's specific network, security, and visibility goals and operational requirements.

This will include defining site, overlays, traffic flow policies, security controls, and segmentation enforcement mechanisms.

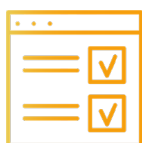
3. Pilot Deployment and Proof of Concept (PoC)



We will implement a pilot deployment of SSE in a controlled environment or specific network segment to validate the proposed design and assess its efficacy in real-world scenarios.

The pilot/PoC will be used to test the functionality, performance, and security effectiveness of the SSE solution against predefined success criteria.

4. Policy Development and Fine-Tuning



Following the pilot/PoC, we will develop comprehensive security policies and rule sets governing traffic flow and security control across the network, leveraging best practices and industry standards.

During this phase, we will refine and fine-tune policies and settings based on feedback from stakeholders, performance metrics, and observed behavior during the pilot deployment phase.

5. Implementation and Rollout



Execute the full-scale implementation of SSE across your organization's network infrastructure, following the validated design and security policies established during the pilot phase.

Our deployment engineers will ensure a smooth rollout process, providing necessary training and support to internal IT teams responsible for managing and maintaining the SSE solution.

6. Continuous Monitoring and Optimization



Establish ongoing monitoring and analysis mechanisms to assess the effectiveness of SSE in mitigating security risks and improving overall network performance.

Regularly review and update security policies, adapt to evolving threats and business requirements, and optimize the SSE architecture for maximum efficiency.

Our consultancy-first approach to deploying SSE enables you to leverage the specialized expertise and experience of our cybersecurity consultants and engineers. This ensures a comprehensive, tailored, and effective implementation that addresses your unique security challenges and regulatory compliance needs.

Key Benefits

- Improved Security Posture
- Advanced Threat Analysis
- User Privacy and Data Protection
- Improved Performance
- Cost Savings
- Enhanced Security
- Agility and Scalability
- Integrations with Cloud and Hybrid Environments
- Optimized Application Performance
- Increased Visibility and Control
- Redundancy and Resilience (Business Continuity)

Additional features

SSE also enables IT to consolidate a wide range of network security tools to a single vendor with a single management interface. This not only reduces the total cost of ownership of SSE compared to traditional edge security tools, but the procurement process is also simplified.



StreamlineX

SSE is a key component of StreamlineX as it ensures that users get the best possible experience when connecting to their applications, while offering enhanced security, better visibility, and simplified network operations at a lower total cost of ownership.

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

Next steps

To get started with Teneo's SSE solution, 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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