

- 1 | Transparent, application proxy gateway
- 2 | Flexible, black-belt engineering team
- 3 | Rapid resolution of custom security challenges
- 4 | Implementation of high security standards
- 5 | Pioneers in proxy technology
- 6 | Made in EU – ‘Clean’ code base
- 7 | ‘Best-in-class’ security

“...the idea that security starts and ends with the purchase of a prepackaged firewall is simply misguided.”

– Art Wittmann

PROXEDO NETWORK SECURITY

Flexible protection of enterprise networks

- Separation of critical systems
- Network authentication
- Network monitoring & debugging
- Multi-layer threat detection
- Zero Trust security
- Network privacy & encryption
- Compliance & audit

Network security is more than firewalls

Cloud applications, remote working and BYOD have blurred the network perimeter - the place where the enterprise firewall was originally positioned. Advanced threats can easily bypass your traditional perimeter defense.

Enterprise networks today must deliver hundreds of mission-critical applications and be flexible enough to support innovations ‘at the speed of business’ - all while preventing cyber-attacks and ensuring compliance. As a result, the security policy that controls your business has become bigger and more complex than ever before. This calls for flexible network security solutions.

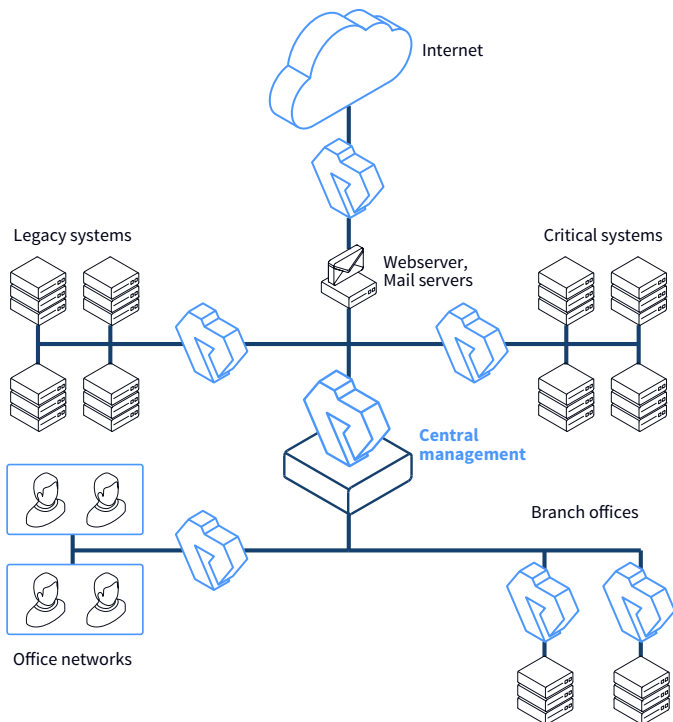
You need to meet custom security requirements

Prepackaged firewalls and UTMs have serious limitations in terms of customizable policies. If you solely rely on the services of a NextGen firewall, your company may lag behind the competition due to your inability to quickly serve the specific needs of the business. Yet as a security manager, you must meet custom network security requirements, otherwise you will have to make bad compromises between effective business processes and the required level of security. Thankfully, help has arrived.

Proxedo Network Security

Proxedo Network Security (PNS) is a highly flexible, multipurpose network security suite which can granularly control traffic to protect enterprises from advanced internal and external threats. PNS provides deep packet inspection (DPI) of regular and encrypted network communication and has the capability to filter and modify its content. Thanks to its flexible architecture and scriptable configuration, your organization can implement ANY security policy, including the Zero Trust model.

With PNS, you are able to manage custom security problems which firewalls are unable to solve.



Proxedo Network Security enterprise architecture

Easy Modelling of Enterprise Networks

With Proxedo Network Security you can describe your network in high-level building blocks - you don't need to hardcode network details into your security policy. This unique capability greatly simplifies rule administration and the implementation of network changes and migrations.

Granular Protocol Control

In contrast with the pattern matching of UTMs, PNS handles network connections on the proxy level. This means that the transferred information is available on the device in its entirety, enabling deep protocol inspection and validation. The gateway can understand the specifications of the protocols and can reject connections that violate the standards.

Comprehensive Encryption Support

PNS offers complete control over SSL/TLS encrypted channels. This capability provides you with full understanding of email and web traffic – even if they arrive in encrypted channels. The gateway allows flexible configuration of encryption policies towards communicating parties which enhances interoperability further. You can even encrypt non-encrypted or legacy internet protocols.

Traffic Manipulation

PNS can modify certain elements of the traffic. This makes it possible to hide sensitive information about your customers or infrastructure and treat the vulnerabilities of your legacy applications. For example, you can remove error messages, banners in order to hide faulty configuration or mask personal data (e.g. credit card numbers) for compliance or privacy purposes.

Single Sign-On

PNS' single sign on solution offers a simple way to integrate with LDAP and other authentication services. Linking all network connections to a single authentication greatly simplifies your user access management and system audit.

Robust Central Management

PNS offers an enterprise-level central management for handling hundreds of firewalls located in different network zones, or even geographically distributed environments. The advanced management GUI provides cost-efficient security operations for enterprises with multiple branch-offices.

Detailed Audit Logging

PNS offers highly customizable, application-level log generation capabilities. The gateway can even log encrypted traffic. You can set up high log verbosity for better network debugging and forensics investigations.

TECHNICAL BENEFITS

- 15+ protocol proxies
- “Best-match” rule evaluation
- LDAP/AD, Kerberos and RADIUS support
- Strong authentication (S/Key, SecurID, X.509, etc.)
- License- and certificate management
- TLS 1.3
- IPSec and OpenVPN
- AV, sandboxing and URL-filtering
- IDS/IPS, DLP, MFA & SIEM integration



Learn more

[Proxedo Network Security homepage](#)

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