



CENTRAL SECURITY MANAGEMENT AT A LARGE PUBLIC ORGANIZATION

The Customer

A large Hungarian public organization with 100+ branch offices and thousands of users.

The Challenge

The customer previously used the Microsoft Forefront Threat Management Gateway (TMG) for firewalling and network traffic control. Because Microsoft ended support for TMG, the customer had to search for a replacement. The customer highlighted the following requirements for the new solution:

- Supported product with established local presence
- Unified security policies at each branch office
- Central management
- Additional security features over TMG
- Integration with the existing Windows infrastructure

The Solution

The customer chose Balasys's multipurpose network security suite, Proxedo Network Security (PNS). The strong vendor support, flexible configuration and robust, central management all convinced the customer to replace TMG with Proxedo Network Security.

PNS gateway instances have been deployed at each local branch office. Beyond firewalling, they enforce unified access and content filtering rules at each location. Rules and policies are managed centrally by the Proxedo Management Module.

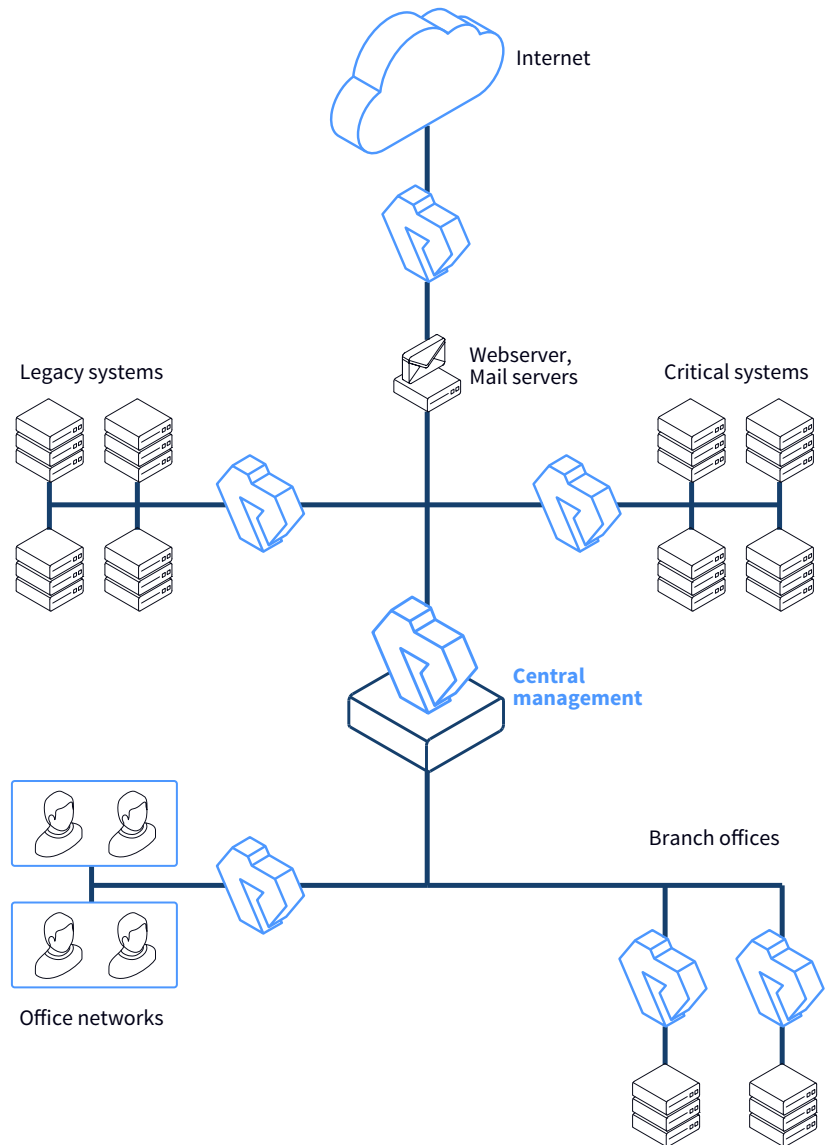
After successful network authentication, users can access central IT resources via a VPN connection. Accessing the web, including webmail (Outlook on the web, formerly Outlook Web Access), also requires authentication from the users. Seamless integration with the existing Windows network architecture enabled Active Directory data for authentication and automated detection of Windows proxy settings before web access.

Implemented modules

- Proxedo Application-level Gateway (PAG)
- Proxedo Management Module (PMM)
- Proxedo Authentication Module (PAM)
- Proxedo Content Filtering Module (PCFM)

Implemented functions

- SSO client/user authentication
- Pre-authenticated website publication
- Form-based authentication with Active Directory
- Authentication forwarding to backend website
- Group-based ACL
- Group-based URL filtering
- Proxy autodetection support
- Reverse proxying



Robust firewall system with central management

RESULTS

Thanks to Proxedo Network Security, the customer was able to implement a unified perimeter defense system across the whole organization. User access and content filtering policies have been unified according to high security standards. The robust central management has resulted in great efficiency gains in rule administration: previously, administrators had to log in to the given local host to configure rules, but now custom requests can be managed rapidly via the central management console. Thanks to PNS's flexible architecture and configuration, the users haven't needed to change their daily working routines. And the security team can also sleep soundly, safe in the knowledge that a continuously developed and supported solution is protecting the organization from external and internal threats.



Learn more

[Proxedo Network Security homepage](#)

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