

## Services Descriptions

Specialists in HP Integrity NonStop server software since 1983, XYPRO provides the tools to achieve security compliance in a NonStop environment. The XYGATE security solution ranges from Access Control, User Authentication, Authorization and Identity Management to Compliance and Audit Reporting, Security Configuration Assessment, Integrity Checking, Database Management and FIPS 140-2 Validated Encryption. The mission of the Professional Services group is to not only service what we sell, but to make the process as painless, efficient and robust as possible. From project management for our products and services to training and support, our aim is to ensure your operational readiness and security. Partnering with XYPRO Professional Services guarantees the products are effective, efficient and fully implemented.



### Security Review service

This service utilizes XYPRO's Compliance PRO software to examine NonStop servers for known security vulnerabilities and compliance with known standards (PCI/HIPPA/SOX) as well as internal policies. Customer education on basic NonStop security best practices is included. The results are delivered in a written report to the customer. This service includes a 30 day license for Compliance PRO

### PCI Compliance service

A full security review and compliance implementation. This service will identify and attempt to remediate the nine host based PCI compliance requirements on the NonStop. A report of all findings and remediation efforts included. This is a long term service that may require additional software to meet compliance.

### Access Control service

This service installs and configures XYGATE Access Control. The service includes assistance with defining access roles, defining and enabling auditing based on roles and customer needs and full education on the use of the Access Control product and its reporting capabilities.

### Merged Audit service

Install and configure XYGATE Merged Audit. Identify NonStop audit sources, configure data collection and content management, reporting and alerting. Customer education on the continued management of the Merged Audit subsystem to include implementing filters and alerts, forwarding data to the SIEM and data collection and filtering included.

### Enterprise Authentication service

This service will enable the NonStop server to participate in standard, open enterprise authentication and provisioning services. Installing and configuring the XYGATE User Authentication and Identity Forge NonStop adaptors to enable LDAP authentication and provisioning allowing the NonStop to utilize common enterprise tools to manage users, passwords and access.

### Complete Safeguard service

Install XYGATE Safeguard Manager, cleanup/review all ACL's and Safeguard settings, help configure Safeguard for optimum performance and availability. Setting up reporting and review of all auditing also included.

## Object Security service

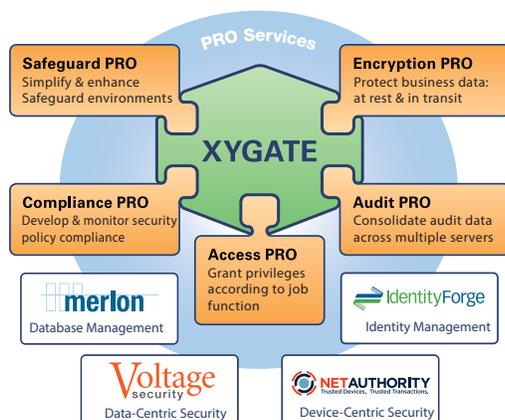
This service will install, configure and educate the customer on the use of the XYGATE Object Security module. Using XOS can greatly reduce the number of Safeguard Access Control List entries and drastically improve the security of the NonStop by protecting processes, disk based objects, and subsystems dynamically for both userids and aliases. XOS now extends its capabilities to the OSS space as well where it can grant or deny users (and aliases) the ability to chown, setuid, create, delete or manage files.

## Communication Encryption service

Enable and configure XYGATE Host Encryption, ssh or any other NonStop communication encryption services. Under this service, any NonStop communication method can be encrypted. From telnet to ODBC, from FTP to LDAP.

## Database Encryption service

Protecting data at rest is not a trivial task. XYPRO can help manage moving to this model by installing encryption software and working with development staff to encrypt sensitive data within an existing database using Format Preserving Encryption (FPE from Voltage) or traditional encryption using XYPRO's Encryption Library (XEL). This service includes development assistance as well as education covering all encryption fundamentals to include hashing, key management, encryption versus tokenization and other encryption basics.



## Basic security education service

NonStop security fundamentals. Topics covered: Guardian and OSS file system security, process security, Pathway security, Safeguard basics, remote access, user management, managing sensitive users, securing SQL objects, and securing the operating system.

## Advance Security education services

Topics covered: encrypting communications, remote access, protecting backups, sanitizing a new host, encryption as it relates to the NonStop, business continuity and disaster recovery, returning or selling a NonStop host, fingerprinting NonStop objects, advanced password management, Safeguard reporting.

*All XYPRO services include education covering the basics for each topic or package included.*

*Some services may require additional software.*

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