



Leading Global Bank Modernizes HPE NonStop Security with XYGATE Multi-Factor Authentication

Multi-Factor Authentication saves time, money, reputation - and provides PCI DSS Compliance

Background

Before utilizing XYPRO software solutions and services, one prominent bank depended on non-standard, less secure processes for logging onto their HPE NonStop systems and applications. Relying on a single set of credentials that was managed separately from their corporate Active Directory was both difficult to integrate with enterprise infrastructure and gave poor user experience. It was not part of the mobile app their users were accustomed to and carried high support costs because dedicated technical staff was needed to manage and reset user accounts and passwords. Integration with XYGATE User Authentication (XUA) was put in place and has continued to work successfully since implementation. As security systems of the organization became upgraded, a modernized authentication method was required. For this, XYGATE User Authentication multi-factor authentication was implemented for all users to reduce risk, increase overall security and enhance their user experience all while lowering operational costs.

The Challenge

As one of the largest banks in their region, it is critical to have the most robust cyber security solutions in place to protect mission critical systems and applications as well as customer data. A solution was needed that would integrate their HPE NonStop servers and applications with their corporate Active Directory, provide strong authentication based on industry standards, simplify the user experience through their mobile app and deliver a low total cost of ownership.

The Solution

After evaluating various solutions available in the market, the security team chose XYGATE User Authentication which addressed all of their requirements. XUA was quickly and easily deployed in their environment and is now protecting all HPE NonStop servers with required PCI DSS multi-factor authentication. When a user attempting to authenticate provides a password, a request is sent back to the user through the mobile app asking to allow the access. Once the user clicks allow, the request is granted and the user is logged on (similar to the behavior of all other applications within the company). Processing this request through the mobile app provides an additional authentication factor, reducing risk and ensuring PCI DSS compliance requirements are met.

XYGATE SECURITY SUCCESS

Solution integration for a customer that provides banking, insurance and investment products and services to retail, commercial, corporate and public sector customers through its portfolio of leading franchises.

Authentication to systems where millions of payments are accepted every hour of every day.

Multi-factor authentication through mobile app for PCI DSS compliance

Simplified user experience, enhanced logon event audit collection and reporting.

“XYPRO simplified our user experience while reducing our risk and improving compliance.”

-Technical Support Manager

The Need for Multi-Factor Authentication

Account compromise due to stolen and/or weak credentials is among the most common methods attackers use to gain unauthorized access. Privileged accounts are administrative users that have the power to take action with the highest privileges on the most sensitive areas of your HPE NonStop server. To ensure no damage is inflicted either maliciously or inadvertently by user error, PCI DSS Requirement 8.3 and other compliance frameworks require multi-factor authentication for all personnel with non-console administrative access, and all personnel with remote access to the Card Data Environment.

XYGATE User Authentication comes with every HPE NonStop server, ready to turn on, out of the box. XUA extends NonStop server security capabilities by integrating with authentication providers such as Microsoft Active Directory, RSA SecurID, Google Authenticator and many others, making it easy to protect your NonStop servers with the most popular, enterprise-wide, regulatory compliant multi-factor authentication solutions. In addition, XYGATE User Authentication logs are forwarded to your enterprise Security Event Information Manager (SIEM) for analysis, threat detection, reporting of authentication events and compliance with PCI DSS Requirement 10.2.2

About XYPRO

XYPRO Technology is the market leader in HPE NonStop Security, Risk Management and Compliance. Fortune 500 companies rely on XYPRO's XYGATE Suite for securing their systems. Our diverse 700+ customer base includes the world's leaders in finance, telecommunications, manufacturing, retail, and government. The XYGATE Suite includes authentication, privileged access management, auditing and compliance, database management and encryption.

PRODUCT AT A GLANCE:



XYGATE

User Authentication

- Integrate with Microsoft Active Directory, RADIUS and LDAP
- Multi-Factor Authentication
- Single Sign-On for HPE NonStop
- Extend SafeGuard's Capabilities
- Restrict Access by IP and Port
- Comply with PCI DSS and other regulatory standards

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