

Compliance PRO

Comprehensive Security Policies & Best Practices for the HP NonStop™

HP NonStop servers everywhere generally have one very important attribute in common: they run mission-critical applications. In today's complex world of network access, defining a security policy and applying it to your system is essential to protecting your business data and to complying with government and commercial regulations.



Compliance PRO

Compliance PRO is a comprehensive software solution that researches the security on your HP NonStop server, reports the information found, builds policies that monitor the state of the security rules in your environment and compares your existing security against supplied PCI, SOX, HIPAA and standard best practice policy recommendations. The solution collects data using NonStop server tools and then downloads the data to your PC or a network server. You can then analyze the data for security, audit and system management information in the current snapshot, compared over time or compared against a set of absolute rules.

Compliance PRO offers the Security Compliance Wizard (XSW), which allows you to automate investigations and report generation for security and system configuration information.

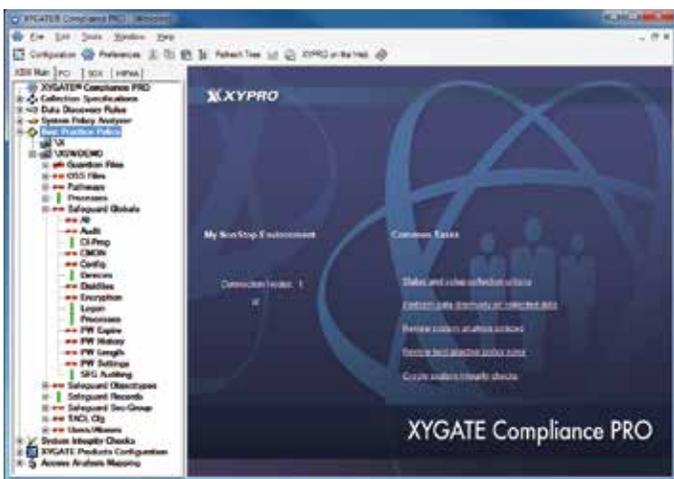
XSW is the ideal solution to establish, monitor and report compliance with PCI, SOX, HIPAA or your own information security policy.

With Compliance PRO, defined data collection sets can be scheduled to run in batch during off-peak hours. Moreover, with a Windows® service process running on the PC or PC server, completed host collections are polled for readiness, downloaded when available and processed—instantly showing where compliance has or has not been met.

Streamline Your Audits

Many auditors and security administrators have little or no experience using HP NonStop utilities and are unfamiliar with the syntax necessary to audit the platform. With Compliance PRO auditors can easily discover, describe and monitor their HP NonStop security policy right from their desktop. Here are just a few examples of security anomalies XSW will automatically find for you:

- Compliance with PCI, SOX, HIPAA
- Orphaned Guardian or OSS files
- Non-authorized PROGID'd programs
- Users or aliases with non-authorized access
- Files on system volumes that are unauthorized
- Pathway servers owned by SUPER or any user
- Licensed or PROGID'd Pathway objects
- Expired users or expired passwords
- Network accessible or inaccessible programs
- Compliance with best practices
- Safeguard ACLs that differ between nodes
- OSS Programs with SETUID or SETGID



XSW allows you to automate investigations and report generation for security and system configuration information.

When integrity checking via File Hashing is performed, you have the option of either SHA1 or MD5 hashing, providing two of today's current and reliable hashing algorithms to you. File Hashing is supported for both Guardian and OSS files, ensuring that none of your critical files can ever be modified without being identified by Compliance PRO. Meeting PCI and other industry compliance regulations for integrity monitoring is virtually guaranteed.

The system integrity checks are generated when a collection is loaded, and the checks use the same display as best practices and system policy analyzer; green rulers mean that no violations were found, broken red rulers mean that there are violations, and grey rulers mean that the baseline is for an obsolete system image. With these integrity checks in place, achieving compliance with PCI and other regulations becomes a great deal simpler.

Design Security Policies & Best Practices

Best Practices document a single characteristic of a single object, comparing it to the expected value. The expected values are built from the Best Practices defined in the XYPRO books; Securing Your HP NonStop Server: A Practical Handbook and Securing HP NonStop Servers In An Open Systems World:

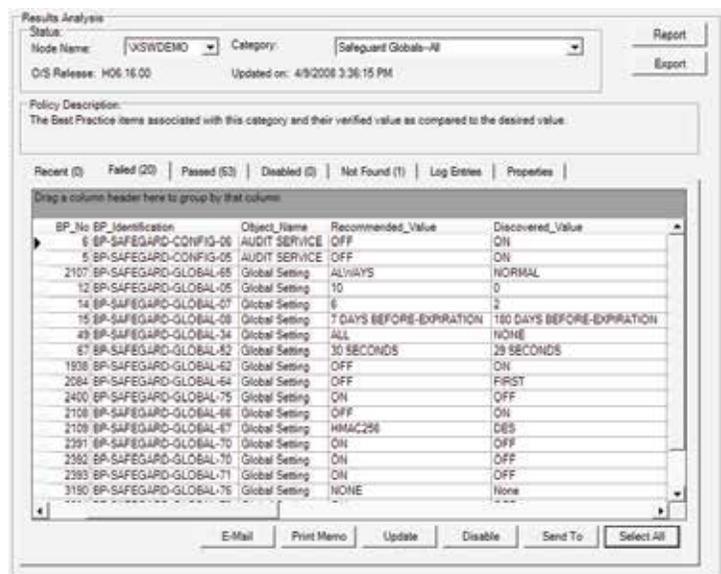
TCP/IP, OSS and SQL.

Best practices are positive system configuration parameters that can be tested. For example, a best practice can consist of the following: "The Safeguard parameter NAME-LOGON must be set to YES". Best Practices are created and reported on an individual node basis. You can also add your own custom node-specific best practices.

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Why Compliance PRO?

- Flexible selection criteria for collecting data from one or many merged nodes
- Simple selection customization for granular queries and reports
- Ability to recall any previously designed rule for execution in any new collection
- Rule discovery functions to ensure security has been properly configured for system change control, O/S releases, application upgrades, etc.
- Security views to HP NonStop files, users, aliases, NetBatch, spoolers, Pathway, Safeguard, and OSS files and directories
- Rule development and reporting that can be done offline, with no HP NonStop expertise
- Report analysis, exceptions, rule violations, access maps, integrity checks, etc. Sent to print, file, email, PDF and more
- Streamlined audit process with detailed, supportable policy
- Design and monitor a security policy for a network of HP NonStop servers with thousands of objects and discover discrepancies in the application of security across HP NonStop nodes
- Compare and control implementation of security compliance across major events like system upgrades, application deployment, etc.
- Compare the security to HP NonStop platform-specific "Best Practices"
- Compare your security to PCI, SOX, HIPAA regulations
- Automatically produce PCI, SOX, HIPAA reports
- Collect data for specific disks, objects, etc. for special purpose "snapshots"



Results Analysis

Status: Category:

O/S Release: H06.16.00 Updated on: 4/9/2008 3:36:15 PM

Policy Description:
The Best Practice items associated with this category and their verified value as compared to the desired value

Recent (0) Failed (20) Passed (63) Disabled (0) Not Found (1) Log Entries Properties

Drag a column header here to group by that column

BP_No	BP_Identifier	Object_Name	Recommended_Value	Discovered_Value
6	BP-SAFEGARD-CONFIG-06	AUDIT SERVICE	OFF	ON
5	BP-SAFEGARD-CONFIG-05	AUDIT SERVICE	OFF	ON
2107	BP-SAFEGARD-GLOBAL-65	Global Setting	ALWAYS	NORMAL
12	BP-SAFEGARD-GLOBAL-05	Global Setting	10	0
14	BP-SAFEGARD-GLOBAL-07	Global Setting	6	2
15	BP-SAFEGARD-GLOBAL-08	Global Setting	7 DAYS BEFORE-EXPIRATION	180 DAYS BEFORE-EXPIRATION
49	BP-SAFEGARD-GLOBAL-34	Global Setting	ALL	NONE
67	BP-SAFEGARD-GLOBAL-82	Global Setting	30 SECONDS	29 SECONDS
1938	BP-SAFEGARD-GLOBAL-62	Global Setting	OFF	ON
2084	BP-SAFEGARD-GLOBAL-64	Global Setting	OFF	FIRST
2400	BP-SAFEGARD-GLOBAL-75	Global Setting	ON	OFF
3108	BP-SAFEGARD-GLOBAL-66	Global Setting	OFF	ON
3109	BP-SAFEGARD-GLOBAL-67	Global Setting	HWAC256	DBS
3391	BP-SAFEGARD-GLOBAL-70	Global Setting	ON	OFF
3392	BP-SAFEGARD-GLOBAL-70	Global Setting	ON	OFF
3393	BP-SAFEGARD-GLOBAL-71	Global Setting	ON	OFF
3190	BP-SAFEGARD-GLOBAL-76	Global Setting	NONE	None

We Wrote the Book on Security—Twice



With our extensive knowledge and experience on HP NonStop security, it only made sense to help share this information by writing a book. In fact, the first one was so well received, that we wrote a second. In both books, emphasis is placed on explaining security risks and best practices relevant to the HP NonStop environment, and how to deploy native security tools (i.e., Guardian and Safeguard). The handbooks provide critical information to HP NonStop professionals and HP NonStop security administrators in particular. Compliance PRO compares all of the best practices described in our books to your HP NonStop server, producing a comprehensive report that documents where your system complies and where it does not.

The Leader in NonStop Security

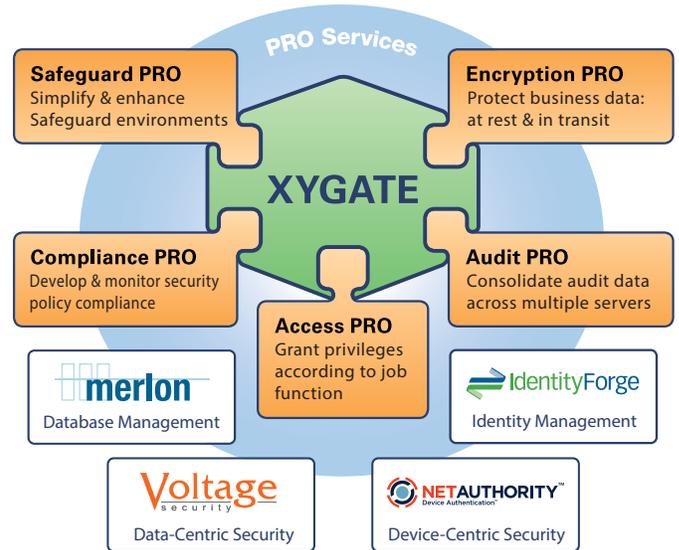
XYPRO Technology offers years of knowledge, experience and success in providing HP NonStop information systems solutions and services. These solutions unequivocally meet the strict requirements of companies who manage, access and transport sensitive data using heterogeneous hardware platforms and multiple communications media. By delivering products and services that improve the HP NonStop server environment, XYPRO ultimately helps professionals enhance their daily jobs while helping businesses gain optimum efficiency. Collectively, this has made XYPRO the undeniable leader in HP NonStop server security and encryption solutions.

PRO Services

To facilitate deployment of information security solutions and procedures, XYPRO offers a variety of professional services solution packages. The mission of the Professional Services group is to not only service the security solutions we provide, but to make the process as painless, efficient and robust as possible. From project management for our products and services to training and support, the aim of our range of Services Packages is to ensure your operational readiness and security. Partnering with XYPRO Professional Services guarantees the products are fully implemented, in an effective and efficient manner.

Compliance PRO:

An Independent Component of a Solution Set



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Security Category

