

PCI Security Standards Compliance

Simplify PCI Security Standards Compliance

Complying with PCI security standards (version 3.2) is essential for any size organization. Violation of these guidelines can lead to potential fines. Many companies find that there are certain barriers they must overcome to not only comply, but do so in an effective and efficient way. This can be achieved through the process of automation.

Automate PCI Security Standard Processes

In the payment card industry (PCI), the regulations that are a part of PCI Security Standards are designed to protect both the buyer and seller and reduce the overall cardholder data footprint. The PCI Security Standards provide a control and asset management framework for the identification, upkeep, and protection of PCI governed assets.

It is possible to meet PCI Security Standards using manual tracking and management, but it can also be time-consuming, labor-intensive, and inefficient. For this reason, many organizations choose an effective Change and Configuration Management software solution to help automate processes to achieve compliance. Change and Configuration Management software can help simplify compliance and the management of your PCI governed assets by providing security policy enforcement, process documentation, workflow automation, and reporting capability for audit purposes. The following PCI Security Standards can be simplified and automated by an effective Change and Configuration Management software:

PCI Standard	Description
Build & Maintain a Secure Network	Install and maintain a firewall configuration to protect cardholder data. Do not use vendor-supplied defaults for system passwords and other security parameters. Change and Configuration Management software can assist and automate the initial asset discovery, track configuration information, and record service history.
Protect Cardholder Data	Protect stored cardholder data and encrypt transmission of cardholder data across open, public networks. Change and Configuration Management software can help ensure that you are utilizing the most current security standards across your organization. You can track any unscheduled variations or changes, providing you complete security visibility across your organization.
Maintain a Vulnerability Management Program	Use and regularly update anti-virus software or programs. Develop and maintain secure systems and applications. Change and Configuration Management software can help regulate and track vulnerability management programs. You can automatically track things such as software versions, locations of installed vulnerability programs, and dates of when programs were last updated, ensuring your vulnerability management systems are always up-to-date and in line with PCI compliance.
Implement Strong Access Control Measures	Restrict access to cardholder data by business need-to-know. Assign a unique ID to each person with computer access. Restrict physical access to cardholder data. Change and Configuration Management software can help you with the upkeep of critical access information for all PCI regulated assets. You can create automated processes for all access requests (routes for approval, audit reporting, etc.) to PCI governed assets, ensuring that access data is always up-to-date, easily accessible, and auditable. You can also implement strong controls based on industry best practices, like ITIL or Cobit.
Regularly Monitor & Test Networks	Track and monitor all access to network resources and cardholder data. Regularly test security systems and processes. Change and Configuration Management allows you to track all tests and changes to your network assets. This allows you to quickly escalate network irregularities and ensure security and compliance are always at the forefront.
Maintain an Information Security Policy	Maintain a policy that addresses information security for employees and contractors. Change and Configuration Management software allows you to document, track, and maintain configuration and security requirements. This allows you to track and manage changes to all key PCI governed assets and security policy documentation, helping eliminate security breaches and compromises.

Note: PCI Standards found on Payment Card Industry Compliance Security Standards Council website (https://www.pcisecuritystandards.org/document_library?category=pcidss&document=pcl_dss)

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SunView Software's ChangeGear Solution

ChangeGear is a web-based, best-of-breed Change and Configuration Management software solution that is easy to use and can be deployed quickly into your environment. Based on ITIL best practices, ChangeGear tightly integrates technology with process. ChangeGear simplifies change control and gives you the tools you need to track, manage, and control your critical infrastructure.

In order to ensure compliance with PCI version 3.2, ChangeGear provides change management to make certain that every change introduced into the IT infrastructure follows a regulated process and provides a Configuration Management Database (CMDB) for discovering, managing, and monitoring your payment processing infrastructure and associated payment data.

ChangeGear Change Manager

ChangeGear's Change Manager ensures that every change introduced into the IT infrastructure follows a regulated process. The following key features can be found in this change management solution:

ChangeGear Feature	Description
Change Control	ChangeGear enables IT organizations to track, manage, and control all aspects of the change life cycle, from approving change requests and notifying stakeholders to analyzing the risk and impact of change to the IT infrastructure.
Automated Approvals & Notifications	ChangeGear's customizable approval and notification system automates communication by enforcing your pre-designed approval structure and ensuring that the right team members are notified at each stage in the change lifecycle – before, during, and after a change.
Process & Workflow Automation	IT organizations can define their own change management processes and automate the way they want to work using ChangeGear's workflow editor tool. This enables IT organizations to ensure compliance, enforce best practices, streamline performance, and guarantee repeatable outcomes.
Dashboard & Workspace	With its fully customizable dashboard and personalized workspace, ChangeGear can provide real-time insight and complete visibility into all changes for your PCI governed infrastructure.
Change & Audit Reporting	ChangeGear tracks all aspects of historical and current change activity in the organization, such as change status, cost, impacted resources, priority/category of change, and change by user or department. ChangeGear gives you access to real-time comprehensive compliance reports for auditors.

ChangeGear Configuration Management Database

ChangeGear's Configuration Management Database (CMDB) allows you to discover, manage, and monitor all of your payment hardware and data. The following key features can be found in this CMDB solution:

ChangeGear Feature	Description
Payment Processing Asset Management	ChangeGear gives IT organizations greater control of payment processing assets throughout their operation lifecycles – providing auto-discovery, configuration information, storage of documentation and payment information, and many other miscellaneous details for each payment processing asset.
Auto-Discovery of Payment Processing Assets	ChangeGear provides a comprehensive solution for collecting and managing IT assets, both physical and virtual. Using dynamic, agentless probing methods, ChangeGear gives you a 360-degree view into your IT infrastructure by automatically discovering applications, servers, payment processing assets, and many other network devices.
Risk Management & Impact Analysis	ChangeGear delivers unparalleled visibility into the IT infrastructure by providing configuration information and visual mappings of payment processing assets, their dependencies, and relationships. This is critical for in-depth impact analyses, risk assessments, troubleshooting, and root-cause analyses.
Asset Reporting	ChangeGear captures a complete audit-trail of changes and services for each payment processing asset – then provides a number of pre-defined reports out-of-the-box to meet compliance requirements. Customized reports can also be created with ChangeGear's easy-to-use ad-hoc reporting tools.

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