

# Monitor and manage your network devices, harden your networks and prevent attacks.

Network devices are easy to operate but difficult to manage. Problems with the current version and failure in controlling configurations, device access and passwords cause significant weaknesses. Sometimes all this work is done; however, updating operating systems and configurations on hundreds of devices requires great manpower and time. Administrative difficulties will surely generate costly problems and result in regulatory incompatibilities.

Learn how we can provide first-class network device security hardening, monitoring and management efficiently and cost effectively. All you need, now in a single platform.

## HARDENING FEATURES

Probably your current network devices have configuration errors. The best way to detect them is to follow industry standards. SECHARD automatically reads the configurations of the network devices and tests them according to the benchmarks and best practices of Center of Internet Security (CIS) and Security Technical Implementation Guides (STIG). It is important to learn about configuration weaknesses, but it is futile unless corrective actions are taken. SECHARD performs configuration improvements automatically or moderated by the network administrator. Hardening scores calculated by SECHARD helps to monitor the security level and comply with regulations.

## SECURITY FEATURES

Misconfigurations of the network devices may cause attacks called flood, inspection, manipulation, spoofing, starvation, and smurf. SECHARD helps provide a secure network service by improving configurations against attacks. Configuration improvements can be done automatically or moderated by the network administrator. The vulnerabilities of the firmware running on network devices are reported automatically with NIST National Vulnerability Database CVE and CVSS information. With SECHARD's firmware update feature, vulnerabilities can be eliminated within minutes. Hardening scores calculated by SECHARD and firmware patching features help to monitor the security level and comply with regulations.

## PRIVILEGED ACCOUNT MANAGEMENT

Network administrators usually access network devices with common accounts and passwords. This reveals the complexity of password security problems and the difficulty of user auditing. Activation of the Privileged Account Management feature on thousands of devices can be achieved within minutes. SECHARD's Privileged Account Management features enable secure and authorized connections to network devices and protect accounts and passwords. Two-factor authentication facility increases security level.



**SECHARD**  
Security Hardening



*SECHARD helps comply with information Security standards and frameworks such as COBIT, GDPR, HIPAA, ISO 27001, NIST and PCI-DSS.*



### SECURITY & HARDENING

*Within minutes, vulnerabilities and misconfigurations of thousands of network devices can be detected and improvements can be made within a few hours.*



### PRIVILEGED ACCOUNT MANAGEMENT

*SECHARD can securely access shared network devices accounts, protect passwords, provide strong authentication, and record audit logs.*



### AUTOMATION

*Security audits, hardening actions, configuration changes and restores can be done in fully automatic or network administrator mode.*



### MAINTENANCE AND TROUBLESHOOTING

*Ready-to-use tools, alarms, built-in syslog logging, activity tracking, network topology and health monitor features simplify troubleshooting processes.*

Every infrastructure needs constant monitoring, maintenance, and fine-tuning, but you don't have the time or resources to devote to it. SECHARD's management and monitoring features can help you to have a reliable and stable computer network.

It requires high technical knowledge and extensive time to monitor what is happening on hundreds of network devices, to monitor configuration changes, to back up and restore configurations when necessary, to constantly update the changing network topology and to update device operating systems. Let SECHARD do it for you automatically. Moreover, multi-vendor network device inventory is not a problem for SECHARD. All you need, now in a single platform.



*SECHARD provides hardening, security, privileged access management, configuration management, backup & restore, firmware upgrade and monitoring features in a single platform.*

#### MANAGEMENT FEATURES

SECHARD makes it possible to send commands to devices from the graphical interface in multi-vendor network environments. This way, network engineers do not have to learn the CLI language of more than one manufacturer. Configuration change, backup, firmware update, alarm management, account and role management can be done easily. Updating firmware of a thousand devices requires many network engineers to spend weeks or months. With SECHARD, hundreds of devices can be updated within a few hours with a single engineer.

#### MONITORING FEATURES

SECHARD simplifies tasks with device resource uses, security and tightening scores, and integrated syslog record management capabilities. Network topology map and NOC & SOC CCTV features can provide high quality network monitoring services.

#### MODERN SOFTWARE ARCHITECTURE

SECHARD has an extremely modern software architecture to work on docker containers. It is extremely simple to install, back up, move and create high availability. AD Authentication, 2FA authentication, SIEM integration and detailed application audit logs can help enterprises to have powerful and professional management.

#### SUPPORT

SECHARD belongs to Nebula who is a 15 years old information security company that knows the importance of support services very well. Our silver, gold and platinum support services can help you. Do you think that you need more than support? No problem, our managed services welcome you.

#### LICENSING

SECHARD is sold with an annual subscription model according to the number of devices to be managed. Multi-year licensing is also available.



#### NOC & SOC CCTV

*Network topology, device health status, alarms and activities, security and hardening scores are displayed on NOC & SOC CCTV screens to see potential problems earlier.*



#### MULTI-VENDOR MANAGEMENT

*Network engineers must learn different CLI for the same operations in presence of multi-vendor. SECHARD enables management with no CLI knowledge.*



#### FIRMWARE UPGRADES

*Firmware upgrades of network devices can be done fully automatically via SECHARD. Whether the network environment is multi-vendor or multi-version is not a problem.*



#### 24/7 CUSTOMER SERVICE

*We know we need to be with you when you need support. We are more than happy to help you with our ISO 9001 QMS and ISO 27001 ISMS certified processes.*



**SECHARD**  
Security Hardening

[www.sechard.com](http://www.sechard.com)