



# **SECHARD**

## **Case Study**

Protecting What Powers Millions

How CK Enerji Secures Critical  
Systems with SecHard



# CASE STUDY

## CK Enerji Enhances Cybersecurity and Operational Oversight with SecHard's Holistic Cyber Hygiene Platform

### IN BRIEF

#### Customer

CK Enerji

#### Industry

Energy Distribution and Retail

#### Location

Türkiye  
(Serving 9 million customers in 7 cities across 3 regions)

#### Organization Size

One of Turkey's largest electric distribution and retail sales companies

#### Challenges

- Securing vast and critical energy infrastructure
- Keeping network assets and configurations up to date
- Managing privileged access across outsourced and internal teams
- Meeting local and international regulatory requirements

#### Solution

- SecHard Cyber Hygiene Platform

#### Key Features

- Privileged Access Management (PAM)
- Security Hardening and Configuration Auditing
- Asset Inventory Management
- Vulnerability and Threat Management
- Compliance Scoring and Reporting

#### Benefits

- Increased compliance visibility and audit readiness
- Strengthened Zero Trust Architecture
- Periodic, automated hardening and access control
- Secure third-party access with full session monitoring

# CHALLENGES

CK Enerji, one of Turkey's largest energy distribution and retail sales companies, is responsible for maintaining a vast critical infrastructure. With operations spanning across 7 cities and 9 million customers, the company must ensure continuous uptime and regulatory compliance across a highly complex network. Key security challenges included:

- Keeping critical network infrastructure and assets secure and updated
- Implementing a comprehensive Zero Trust Architecture
- Managing privileged access for both internal and outsourced teams
- Complying with evolving national and international cybersecurity regulations

Given these challenges, CK Enerji required a scalable solution that could automate and enforce robust security and compliance practices across its infrastructure.

# SOLUTION

CK Enerji discovered SecHard during one of their Technology Days, which are designed to evaluate new innovations in cybersecurity. SecHard stood out by aligning closely with their strategic goal of implementing Zero Trust Architecture. Key aspects of the solution included:

- Privileged Access Management (PAM) with integrated session recording and TACACS architecture
- Security Hardening & Vulnerability Detection, improving system resilience and audit readiness
- Asset Inventory Management, enabling traceable and reportable visibility of hardware components
- Compliance Scoring Dashboards, aiding in prioritization of remediation tasks and reporting audit findings

With SecHard, CK Enerji was able to consolidate vulnerability detection, hardening, and access management into one streamlined platform.

# BENEFITS

By implementing SecHard, CK Enerji achieved major improvements in both performance and compliance:

- 1. Regulatory Compliance:** The ability to generate automated score tables and audit reports simplified alignment with cybersecurity regulations.
- 2. Operational Efficiency:** SecHard enabled the team to periodically perform hardening and monitor performance automatically.
- 3. Third-Party Security:** PAM and session recording capabilities allowed secure access control for outsourced teams.
- 4. Enhanced Security Posture:** Prioritized threat prevention measures helped raise overall system security scores.





**Savas Ergen**, Group Director of IT, Infrastructure & Operations,  
CK Enerji

*"SecHard has enabled us to take full control of our security infrastructure, providing a streamlined approach to vulnerability management, automated hardening, and compliance assessment. With SecHard, we now operate with increased confidence, knowing that our cybersecurity framework is robust and regulatory-compliant. I strongly recommend SecHard to organizations aiming to strengthen their cyber resilience and security posture."*

## CONCLUSION

Thanks to SecHard, CK Enerji has successfully implemented a sustainable cybersecurity framework across its critical infrastructure. By embracing automation and visibility, the organization not only improved security compliance but also gained operational agility and long-term resilience.

To learn more about SecHard and how it can benefit your organization, visit [www.sechard.com](https://www.sechard.com).

