



Delinea

TEPCO SYSTEMS CASE STUDY

Tokyo Electric Power Group's system integrator strengthens zero trust security with Delinea Secret Server

✓ Challenges

TEPCO Systems faced mounting security pressures as a system integrator that could directly impact power operations. The company identified two critical management risks: ransomware attacks, and supply chain vulnerabilities that could cause development operations to cease and potentially spread infections to the parent company's power infrastructure.

The organization's existing privileged account management was inadequate, operating on a trust-based model that left critical systems vulnerable. With the implementation of Microsoft 365, the transition to a zero-trust security framework, and complex J-SOX compliance requirements, the security of the IT infrastructure underpinning the company's entire business systems needed significant enhancement.

✓ Solution

In October 2023, TEPCO Systems selected Delinea Secret Server for its comprehensive privileged access management capabilities. The decision was driven by several key factors:

- Gateway approach enabling precise access control for managed servers
- Integrated workflow functionality that met requirements without additional products
- Strong partnership with trusted distributor IIM, who provided valuable case study introductions and technical support

The on-premise implementation of Secret Server allowed TEPCO Systems to establish strict access controls and traceability for critical systems serving the entire Tokyo Electric Power Group.

Background

TEPCO Systems serves as the leading company for security and office services within the Tokyo Electric Power Group, improving safety while delivering sustainable value to one of Japan's largest power providers.

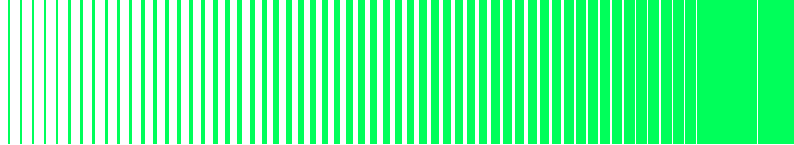
TEPCO Systems implemented Delinea Secret Server to transform privileged access management as part of their shift from perimeter defense to a zero-trust security model. The solution enabled the company to meet J-SOX IT general controls requirements while significantly reducing privileged ID management workload and strengthening security across critical infrastructure supporting power operations.

Industry: Information Technology & Communications (System Integrator)

Location: Tokyo, Japan

Employees: 1,149

TEPCO



✔ Result and Benefits

Enhanced Security Posture

Secret Server transformed TEPCO Systems' security approach by enabling privileged access management with access control to target systems. It established a robust control framework that underpins their business continuity by ensuring both access control and traceability within information system operations.

Furthermore, it served as an opportunity for system operations personnel to reaffirm the importance of privileged access management. By enabling the tracking of "who performed which operation and when" even during incident response, it has established a system that safeguards both security and accountability.

Operational Efficiency

The implementation delivered immediate operational improvements:

- 40% reduction in privileged ID management workload through automated password change operations and streamlined workflows
- 48 hours saved per audit on audit response tasks, significantly reducing administrative burden
- Enhanced responsiveness for security teams managing critical infrastructure across 40 systems

Compliance Achievement

TEPCO Systems successfully achieved J-SOX IT general controls requirements for privileged access management. The solution has enhanced awareness of privileged access management among operational administrators, strengthening the organization's overall governance framework.



Secret Server provided the visibility and control functions that were lacking in privileged account usage, strengthening the security posture while also transforming the management methods and the awareness of the importance of privileged ID management among responsible personnel”

→ Yasuhiro Tsuchitani, Associate Office Manager,
ICT and Business Innovation Office

✔ Looking Ahead

TEPCO Systems is planning to extend their privileged access management capabilities by migrating the on-premises Secret Server to the cloud version. The company also plans to expand Secret Server coverage to SaaS platforms including AWS and Microsoft 365, with particular interest in IP-level access control functionality for SaaS access terminals.

With the implementation of Delinea Secret Server, TEPCO Systems has successfully strengthened security for critical infrastructure while achieving compliance and operational efficiency, delivering sustainable value as the Tokyo Electric Power Group's trusted security services provider.



Delinea

Delinea is the identity security control plane enterprises trust to secure human, machine, and AI identities across on-premises, multi-cloud, and dynamic environments. Built for the AI era, Delinea continuously discovers identities, analyzes risk, and enforces least-privilege through just-in-time, policy-based authorization. By supporting both credential-based and ephemeral access models, Delinea enables organizations to reduce risk, simplify governance, and move toward Zero Standing Privilege at their own pace. Easy to deploy and built to scale, Delinea delivers value in weeks, not months, with up to 90% fewer resources required and 99.995% uptime. Learn more at delinea.com.