

SECURING PRIVILEGED ACCESS: HOW A LEADING PRIVATE BANK TRANSFORMED ACCESS CONTROL WITH JBS & DELINEA

Overview

In today's financial sector, privileged accounts are a prime target for cybercriminals — from administrator logins to third-party vendor access. A leading private sector commercial bank in Pakistan, with a nationwide branch network, partnered with JBS to secure its privileged accounts and strengthen compliance.

By implementing **Delinea Secret Server with Remote Access**, JBS helped the bank reduce vendor-related security risks by **70%**, eliminate **all untracked privileged actions**, and significantly improve access governance. The solution accelerated privileged user onboarding from days to minutes, reduced incident response times, and ensured robust audit readiness which lowered the risk of cyberattacks while enhancing operational efficiency.



Solution Overview

- **Solution Partner:** JBS (www.jbs.live)
- **Solution Implemented:**
 - Delinea Secret Server with Remote Access

Challenges

Insecure Password Storage & Weak Credential Hygiene	Privileged usernames and passwords were often stored in spreadsheets, emails, or even handwritten notes. This led to weak or reused passwords, rarely rotated, creating major vulnerabilities.
Lack of Accountability in Shared Admin Accounts	Multiple administrators were using the same privileged accounts, making it impossible to attribute actions to individuals and leaving critical activities untraceable.
Third Party Remote Access Challenges	When outside vendors or partners need to work on the bank's systems remotely, the risks go up. Without a secure tool to control and monitor this access, these vendors often connect through a VPN, which can give them more access than they actually need — sometimes to parts of the network that have nothing to do with their work. There's no way to limit them to just the systems they should be touching. On top of that, without live monitoring or video recording of their sessions, the bank has no way to see what they are doing while connected. This means if they make a mistake or do something harmful, it could go unnoticed until it's too late.
No Monitoring or Oversight of Vendor Sessions	Vendor activities were neither monitored in real time nor recorded. If mistakes or malicious actions occurred, they could go undetected until significant damage was done.
Compliance Blind Spots & Weak Audit Trails	Regulatory frameworks require robust monitoring of privileged accounts. Without centralized logging, the bank struggled to generate complete audit trails, exposing it to compliance failures and potential penalties.
Inefficient Onboarding & Offboarding of Privileged Users	Granting privileged access took days, while removing access for employees or vendors who left the organization was equally delayed which resulted in the creation of dormant accounts ripe for exploitation.

The Solution Provided by JBS

To address these challenges, the private bank partnered with JBS to deploy **Delinea Secret Server with Remote Access Services**. This enterprise-grade Privileged Access Management (PAM) solution securely vaulted all privileged credentials, eliminating insecure storage and enforcing **automated password rotation**. It introduced **just-in-time access** for both employees and vendors, ensuring that privileged accounts were only active when required and automatically revoked after use.

For third-party vendors, JBS implemented **brokered, role-based connections** that replaced broad VPN access with secure, targeted sessions that each monitored and recorded to provide **zero untracked privileged actions**. The solution also streamlined operations by enabling **rapid onboarding and offboarding** of privileged users, reducing setup from days to minutes while instantly removing access for departing staff or vendors. By centralizing privileged account management, improving visibility, and embedding compliance-ready audit trails, JBS helped the bank reduce vendor-related security risks by **70%**, strengthen regulatory compliance, accelerate operations, and lower its overall cyberattack exposure.

How It Solved the Challenges

Secure Credential Vaulting & Automated Password Rotation

With Delinea Secret Server, all privileged credentials were moved into a centralized, encrypted vault. Passwords are now automatically strengthened, rotated, and issued only when required which eliminates risky spreadsheets, emails, and sticky-note storage.

Full Visibility & Tracking - Zero Untracked Privileged Actions

Every privileged login is now tied to a specific user identity. Session logs and video-like recordings ensure **zero untracked privileged actions**, providing full visibility into who accessed what, when, and why.

Reduce Vendor Security Risks By 70%

Instead of broad VPN connections, third-party vendors now log in through Delinea's secure Remote Access Service. They are restricted to **only the systems relevant to their tasks**, minimizing exposure and reducing vendor-related security risks by **70%**.

Rapid Onboarding & Instant Offboarding of Users

Privileged access provisioning now takes **minutes instead of days**. Similarly, when an employee or vendor leaves, access is removed instantly, eliminating dormant accounts and closing potential security gaps.



Why JBS

- A **proven track record** of successful project deliveries with measurable outcomes
- **Expert-level certifications** in cybersecurity, guaranteeing deep technical expertise and best-in-class implementation

Key Benefits of the Solution

- **70% reduction** in vendor-related security risks.
- **0 untracked privileged actions**, with full visibility and monitoring.
- Faster access provisioning & removal — onboarding in **minutes, not days**.
- Improved compliance posture with complete audit trails.
- Reduced incident response time.
- Lower overall cyber-attack risk

Conclusion

JBS's partnership with the private bank transformed privileged access security. By combining **Delinea Secret Server with Remote Access** and JBS's implementation expertise, the bank closed compliance gaps, streamlined operations, and reduced its risk exposure significantly.

This success story demonstrates JBS's ability to deliver **world-class PAM solutions** that empower financial institutions to maintain security, accountability, and operational resilience in a high-risk environment.



Contact Us

Learn how JBS can help secure your organization with future-ready AI-powered solutions.

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