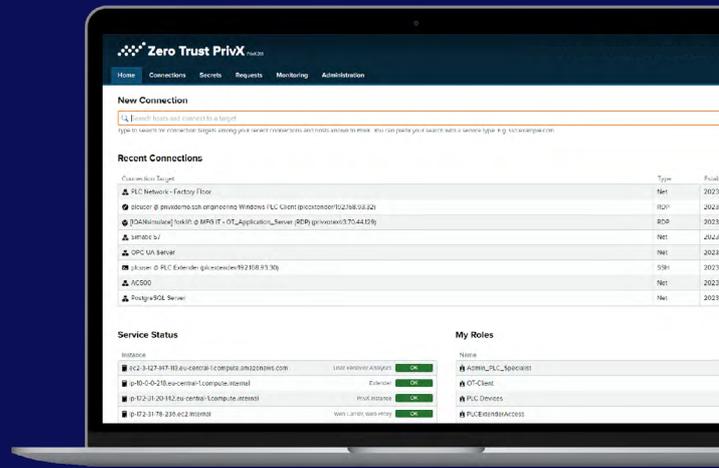# PrivX PAM

Just-in-Time Privileged Access

Keep your organization secure and your people productive with Zero Standing Privileges, ephemeral certificates, and an immutable architecture.

Remote work and digital transformation are expanding the attack surface globally. Privileges vary greatly, as do the risks to your organization. Compromised identities with risky privileges can bypass many security solutions, and the manual work required to control them has become overwhelming.

PrivX PAM enables Security and IT teams to provide secure access for their workforce and third-parties, then automate common tasks and integrate into existing workflows for improved operational efficiency and adherence to security best practices.

1 — Modern PAM capabilities

- Role-Based Access Control (RBAC)
- Session recording and auditing
- Granular cloud access control
- Passwordless authentication
- Zero Standing Privileges

2 — Ephemeral access

- Short lifetime, auto-expiration
- Unique ephemeral certificates
- User ID from a certificate authority
- Compatibility with industry standards, like X.509, OpenSSH

3 — Zero Trust architecture

- Modular, microservice infrastructure
- High availability, zero-downtime upgrades
- Immutable architecture

4 — Seamless deployment & integration

- On-prem or cloud deployment
- AD sync and automapping to existing identity groups
- IAM/IGA compatibility
- Workflow and ticketing integrations

5 — Network target access

- Service or subnet access with arbitrary TCP/IP protocols
- Extends proxy connections to target hosts
- Policy-based enforcement to dictate hosts, network segment access

6 — Quantum readiness

- Hybrid cryptographic schemes for classical and post-quantum cryptography
- Easy adoption of new quantum-safe algorithms

Benefits

Seamless security

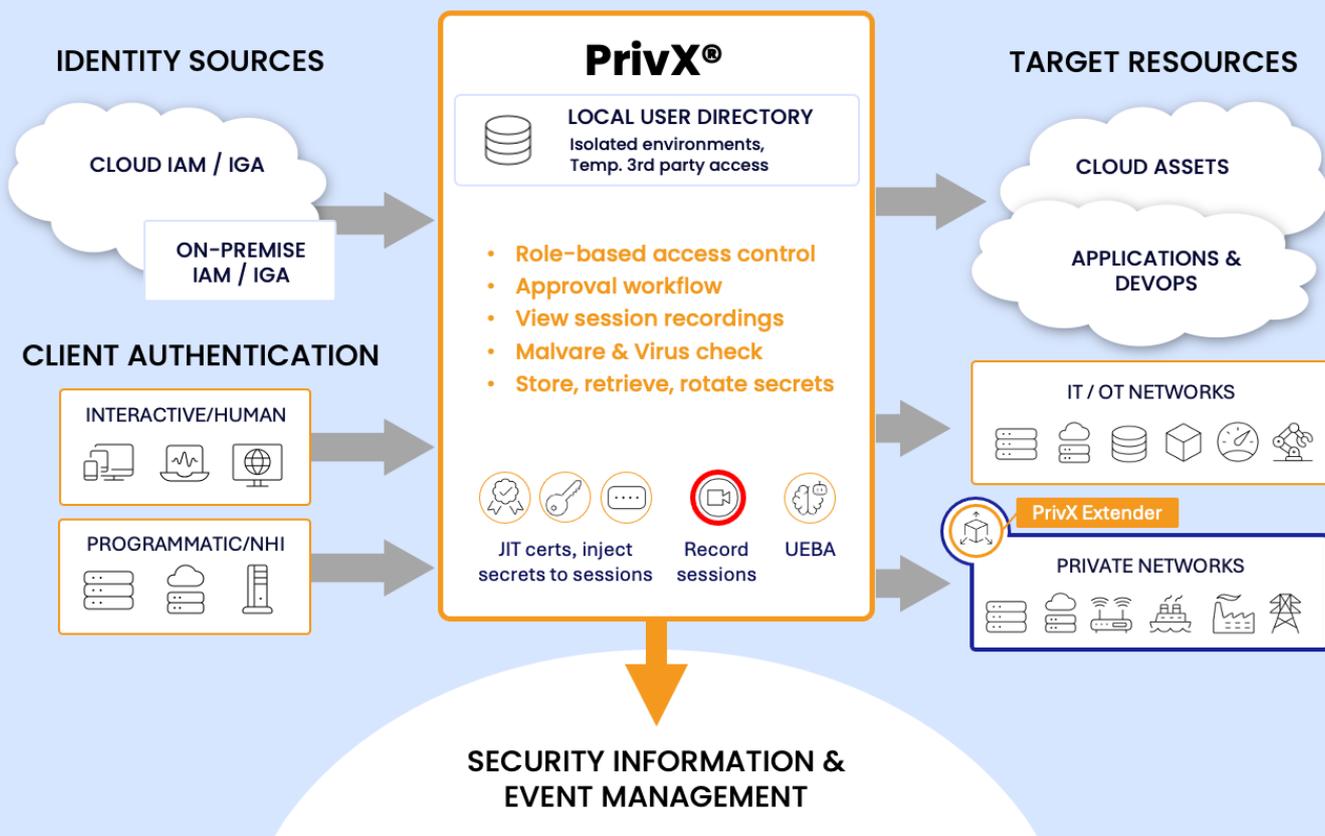Reduce the risk of unauthorized access that leads to breach or compromise.

Enhanced productivity

Single-Sign-On (SSO) and browser-based UI remove friction for your users.

Operational efficiency

Modern architecture allows auto-scaling, high performance, and agility.

SSH

Why PrivX PAM?

Built for the hybrid, multi-cloud organization, PrivX PAM enables the transition to passwordless authentication through a modular, microservice infrastructure and is quickly deployed on-prem or in the cloud. PrivX is highly scalable, resilient, and cost-efficient. Protect your organization from breaches, ransomware, and disruptions and feel confident in your compliance with PrivX PAM.

94%
Peers recommend PrivX based on overall 47 reviews as of February 2025 on Gartner® Peer Insights™

IDENTITY SOURCES

CLOUD IAM / IGA

ON-PREMISE IAM / IGA

CLIENT AUTHENTICATION

INTERACTIVE/HUMAN

PROGRAMMATIC/NHI

PrivX®

LOCAL USER DIRECTORY
Isolated environments, Temp. 3rd party access

- **Role-based access control**
- **Approval workflow**
- **View session recordings**
- **Malvare & Virus check**
- **Store, retrieve, rotate secrets**

JIT certs, inject secrets to sessions

Record sessions

UEBA

TARGET RESOURCES

CLOUD ASSETS

APPLICATIONS & DEVOPS

IT / OT NETWORKS

PrivX Extender

PRIVATE NETWORKS

SECURITY INFORMATION & EVENT MANAGEMENT

E-commerce giant transitions to modern PAM controls

Challenge:

The organization was moving to the cloud. Due to its dynamic nature, traditional PAM vaults weren't delivering at the required pace. They searched for an access management solution built for the demands of a hybrid cloud environment to improve productivity of the team and enhance efficiency for machine identities.

Solution:

PrivX allowed them to leverage certificate-based authentication for the speed and agility they required. It was deployed in a three-way integration with their IDM and ticketing system. When a change ticket is approved, IDP provisions users' accounts and users log in via PrivX, reducing complexity and streamlining access.

Results:

Turnaround time was significantly reduced, leading to improved productivity and operational efficiency. With Just-in-Time provisioning, the attack surface was greatly reduced and their security posture strengthened, while maintaining streamlined operations free of disruption.

SSH

PrivX Zero Trust Suite - IT, OT, Key Management

ssh.com | info@ssh.com