

## Securing access to corporate IT assets for the modern workplace requires passwordless authentication



Across industries, the sudden shift to remote work in the past year and a half required virtually all remote employees to be given privileged access to valuable company assets. Remote access to sensitive infrastructure puts businesses at risk of data breaches and cyber threats. With more privileged users on the network for hackers to target, there are more opportunities to break in and access confidential and valuable data.

Many of these privileged users are still relying on insecure passwords that are easy for hackers to take advantage of. Passwordless authentication has become a top priority for many organizations, but can be challenging. Organizations need secure authentication solutions that are easy to deploy and manage for their increasingly digital workforce. There are also some use cases, like system administrators, that will still require passwords.

With WALLIX and Axiad, businesses can secure access to IT resources with higher trust multi-factor authentication. Bastion, WALLIX's privileged access management solution, ensures that only authorized users have access to sensitive accounts, resources, and systems while monitoring activity in real-time and centralizing management of permissions and actions.

- Session Manager: Manages, controls, and audits access to network assets with strong security posture, ensuring that only the right person has access to the right IT resources. It offers a real-time view of privileged user activity, monitors actions, records user sessions, and automatically terminates suspicious activity for enhanced threat detection and response.
- Password Manager: For use cases where passwords are still essential, IT leaders can
  easily control and manage their passwords, secrets, and credentials. Regain control
  over access to critical IT assets by managing password complexity, security, and
  rotation in a consolidated vault to simplify IT super administrators' access and control
  over credentials and guarantee that passwords can no longer be shared or stolen.
- Access Manager: Secure remote access for IT administrators and external providers
  to connect safely from anywhere with secure-by-design capabilities. No untraceable
  VPNs, no fat clients, no plugins. Just maintenance-free and simplified secure access to
  IT resources with in-built monitoring for complete assurance.



Gaining access to PAM solutions like Bastion could lead to widespread threats, which makes it essential to fully protect. This is where multi-factor authentication, a key aspect of passwordless, enters the picture. To gain a higher level of trust in your PAM, you can utilize an MFA option such as a mobile authenticator, smart card, or hardware token like a YubiKey. Your system administrator can authenticate into Bastion using these credentials, strengthening your defenses around this valuable information.

However, managing Bastion along with multiple identity credentials can be complex. Instead of managing each access solution in silos, you can manage them in one cohesive platform with SMARTidentity.



**Unified Portal:** Users can take charge of their credentials no matter where they are with Axiad's self-service portal, where they can issue and manage multiple credentials



**Single Platform:** IT no longer needs to spend time and resources maintaining multiple systems for IAM, PAM, and MFA with the Axiad Cloud platform



**Dedicated CA:** Build additional trust with Axiad PKI for your credentials, so you can issue certificates for users, machines, and interactions such as email and document signing



**Virtual Private Cloud:** Gain the flexibility of the cloud with the security of a FIPS-certified hardware security module, with Axiad's Virtual Private Cloud solution.

## **About WALLIX**



A software company providing cybersecurity solutions, WALLIX is the European specialist in Identity and Access Security Solutions. WALLIX's unified solutions portfolio enables companies to respond to today's data protection challenges. WALLIX solutions guarantee detection of and resilience to cyberattacks, which enables business continuity. The solutions also ensure compliance with regulatory requirements regarding access to IT infrastructures and critical data. The portfolio of unified solutions is distributed through a network of more than 180 resellers and integrators worldwide. Listed on the Euronext (ALLIX), WALLIX supports more than 1,200 organizations in securing their digital transformation. WALLIX is a founding member of the HEXATRUST group and has been included in the Futur40, the first ranking of growth companies on the stock exchange published by Forbes France, and is part of the Tech 40 index. WALLIX affirms its digital responsibility and is committed to contributing to the construction of a trusted European digital space, guaranteeing the security and confidentiality of data for organizations as well as for individuals concerned about the protection of their digital identity and privacy. Digital technology, whether for professional or personal use, must be ethical and responsible in order to pursue a secure societal digital transformation that respects individual freedoms.

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## **About Axiad**



Axiad provides enterprises with its SMARTidentity solution to deliver complete trust across the identity spectrum. Whether you need to secure your employee access, their online interactions, or your machines and devices, SMARTidentity ensures zero trust with PKI, MFA, and FIDO in one platform – Axiad Cloud. Businesses can take an identity-first strategy to cohesively deploy and manage all their credentials such as certificates, mobile MFA, TPM, hardware tokens such as YubiKeys, smart cards, and biometrics. Axiad makes the journey to passwordless simple with user-centric solutions for credential issuance, lifecycle management and emergency access from anywhere. The SMARTidentity solution is trusted by Fortune 500 companies across healthcare, aerospace & defense, energy & oil, transportation, finance, and more.

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