



Fálaina's Privileged Access Manager (PAM) is designed to secure privileged users' identity and accounts, while enabling practical session management from a single, integrated portal. This portal enables single sign-on for all privileged accounts via a centralised authentication method, typically Microsoft Active Directory Server or any LDAP server. The objective is to secure, control, manage, and monitor privileged sessions involving an enterprise's critical assets. Furthermore, PAM also keeps your organization safe from accidental or deliberate misuse of privileged access.

Fálaina's PAM uses the same universal connectors, access request and approval workflow and Fálaina Universal SSO Workspace2 technology as Fálaina's Web Access Manager/SSO product.

Fálaina's PAM provides out of the box multi-factor authentication (MFA) and step-up authentication for privileged access to critical assets. One-time Password (OTP) and Captcha authentication can also be configured as part of access policies. In addition, rest API is provided for integration with third-party MFA or Hardware Security Modules (HSM) for FIPS requirement.

Fálaina's PAM supports dual authentication which allows two users to login using their own credentials to the centralised authentication server before any session to be initiated. Each of these logins can be done remotely across different geographic locations.

Fálaina's PAM key capabilities include:

- Privileged access request management and approval workflow
- Privileged session - RDP, SSH and application access
- Session recording and keystrokes logging
- Fálaina Universal SSO Workspace
- Real-time session monitoring and access termination

Fálaina's PAM simplifies the privilege access management process to enhance organisations' IT security, and enables them to meet regulatory requirements, while enabling users to perform their day-to-day privileged activities.

Privileged access request management and approval workflow

Fálaina's PAM leverages upon access request management with workflow technology from ILM. Privileged users can request for access to any privileged account on any critical asset based on the policies and rules created. These rules can limit the requestor to only accounts within the group or set of servers the requestor is allowed to see and request. Other rules that can be implemented include day and time of access, especially access after office hours or unusual access location.

Other critical policies include if concurrent session is allowed, if users requires 2FA or second authentications, and configurable password options. The access to each of these privileges or shared accounts is based on the policies, which are integrated as part of the on-line access request form and approvals via workflow.

The approver is allowed to approve, reject or override requests, such as limiting time or locations, or even a set of accounts requested. Other features include pre-approved access by systems owners themselves without an approval process, but the session will be monitored and recorded.

Privileged session - RDP, SSH and application access

Fálaina's PAM enables any session to be initiated with privileged access including Microsoft Remote Desktop (RDP), Unix Secure Shell (SSH), typical client/server and HTTP(S) based applications management tools. Client/server applications for privileged access includes Oracle PL/SQL Developer and Oracle Enterprise Manager for Oracle Database, Management Studio for Microsoft SQL Server and so on.

These sessions are initiated from Universal SSO Workspace2 from any devices or computers. Privileged session logins do not require a password to be shared with the requestor, eliminating the need for password management. If the organization requires a password to be reset, then policies can be applied on how frequently these password resets should occur.

Session recording and keystroke logging

All privileged user sessions are logged with both video recording and keystroke logging. Videos and keystrokes are encrypted and securely stored in the PAM server, and they can only be viewed by authorised personnel based on RBAC security policies. Flexibility to record or log only selected user sessions based on predetermined policies. Policies may include user account, time, grouping of servers and so on.

Integration with an SIEM solution allows correlation of security events and further actions can be taken for auditing and investigation purpose.

Fálaina's PAM provides threat intelligence and with the adoption of a threat-aware privileged access model, integrated processes can be implemented to quickly remove privileged credentials associated with a particular attack or

Fálaina Universal SSO Workspace²

Fálaina's PAM Universal SSO Workspace² provides a portal for users to access their privileged session securely from any web browsers from any device.

Users need to log into a centralised authentication server, typically Microsoft Active Directory Server or any LDAP server. Upon login, users can select the sessions and accounts available in their Universal SSO Workspace² by clicking the icons – providing a better user experience and improved productivity.

Real-time session monitoring and access termination

Fálaina's PAM provides real-time session monitoring and access termination. The session is made available for remote monitoring via video streaming and only viewing is allowed. The viewer, based on their authorisation, is able to terminate the session remotely.

This feature enables systems owners or security personnel to monitor vendors' (for system administration/maintenance work) sessions remotely instead of having to be physically present.

About Fálaina

Fálaina is a technology provider of Identity and Access Management solutions. Fálaina enables enterprises to have visibility and secure their infrastructures, applications and data for private and public cloud. Fálaina comprehensive solution addresses today's requirements of an enterprise for:

- Identity Governance and Administration (IGA)
- Data Access Governance (DAG) &
- Access Management (AM)

It provides businesses with the relevant reporting and analytics to improve IT security, maintain compliance and eventually minimise business risk.

To learn how Fálaina can help your business, visit www.falainacloud.com. or email us at sales@falainacloud.com.