Excalibur

Peer Verification - Dual Control

Elevating Security and Accountability in Privileged Sessions

Peer Verification as key feature

The Excalibur Streamed Access Management (SAM) solution is a next-generation Privileged Access Management (PAM) product designed to secure, streamline, and simplify access control for your organization's critical systems. One of its key features is its innovative peer-verification functionality.

What is Peer Verification

Peer-verification, also known as dual-control, is a powerful security feature that requires an authorized person to confirm and validate critical access attempts before a session is initiated. This added layer of security ensures that only approved individuals can access your organization's most sensitive systems, even if valid credentials are presented.

Key Highlights of Peer-Verification

Prevention of Unauthorized Access
- Only verified requests are approved, ensuring that insider threats and compromised accounts are mitigated.

Enhanced Accountability
- Every approved session is logged with verification details, creating a transparent and auditable trail.

Compliance Support
- Helps meet regulatory standards by enforcing a "four-eyes principle," adding an independent layer of oversight to privileged access.

Key Use Cases

- Sensitive Customer Data
- Intellectual Property
- Critical Infrastructure
- Compliance Ready

How Peer Verification Works?

The peer-verification process is simple yet highly secure:

1. **Access Request Initiation:** The user requests privileged access to a critical system.
2. **Verification Request Triggered:** Excalibur sends a real-time verification request to an approved peer within your organization.
3. **Peer Approval Process:** The designated peer verifies the request details (e.g., identity, reason for access, and session details) before approving or denying the request.
4. **Access Granted:** If approved, the user gains access through the secure Excalibur Streamed Access Management platform, ensuring data integrity and confidentiality.

The Benefits of Excalibur's Peer-Verification

Improved Security Posture
- Adds a critical layer of oversight to privileged access sessions.

Operational Efficiency
- Seamlessly integrates into your security workflow with minimal disruption.

Audit-Ready Reporting
- Every verification event is logged for easy compliance reporting and investigation.

Enhanced User Control
- Empower teams to manage access securely, fostering a culture of shared responsibility and accountability.

Excalibur's peer-verification feature sets it apart as a trusted PAM solution that effectively combines user convenience with robust security. By leveraging peer-verification, organizations can protect their most valuable systems with confidence, ensuring that **every privileged access attempt is verified, logged, and secure.**

"Our mission is simplifying security by replacing VPNs and direct exposure with Streamed Access Management (SAM)—combining PAM, MFA, and secure browser-based access streaming to eliminate exploitable vulnerabilities. SAM enables MSPs to deliver enterprise-grade security affordably to SMEs, disrupting traditional cost and complexity barriers."

Ivan Klimek, CEO
Excalibur

What Customers Need

IAM, MFA & Zero Trust are the most important priorities for CISOs.

Integrated Multi-Factor Authentication (MFA)
Excalibur combines peer-verification with robust Multi-Factor Authentication (MFA) for maximum security. Administrators and Users must confirm their identity via multiple phone-centric factors such as biometrics, geo-location, hardware fingerprint and time-based controls, ensuring that only authorized individuals gain access.

Join us in our journey to democratize Privileged Access Management and try Excalibur today.

Excalibur

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