PROTECTING BUSINESSES FROM PRIVILEGED MISUSE

WHY FUDO?

PROTECT YOUR NETWORK AGAINST PRIVILEGED DATA BREACHES
Manage privileged credentials and activity

PREVENT INTENTIONAL AND UNINTENTIONAL MISUSE
Monitor, record and analyze all sessions

INTRODUCE ZERO TRUST NETWORK ACCESS ENVIRONMENT
Fudo PAM serves as a critical layer of a ZTNA infrastructure

PREVENT ACCESS RIGHTS ABUSE
Intervene and terminate remote sessions when necessary

SAFEGUARD YOUR ADMINISTRATORS
Administrators can prove that no mistakes were made / Ensure administrator accountability

PROTECT LEGACY SYSTEMS
Prevent exploitation of system and network protocol vulnerabilities

ENHANCE YOUR TRAINING
Recorded sessions can be used as training materials to assist in admin development

GET INDISPUTABLE EVIDENCE OF UNAUTHORIZED ACTIVITY
Timestamp your session recordings

KEY FEATURES

AUTO-DISCOVERY WITH QUARANTINE
Scan Active Directory domain controllers for new user accounts. With this ability, the onboarding process can be automated and added immediately to safes or quarantined directly on a domain controller for manual assignment. The quarantine feature allows Security Officers to tighten control over the Active Directory infrastructure while automating the configuration process with built-in onboarding rules.

GRAPHICAL WEB SESSION RECORDING
Fudo's web recording feature allows transparent recording and interaction with browser sessions in graphical form while still capturing raw protocol data."
Fudo allows to see a live view of the actual browser session in graphical form, interact with it, archive, and export as video.
Monitor and archive user actions instead of server logs (which may be hard to interpret), while maintaining complete separation between Fudo monitors and archives user end-point and an organization's IT infrastructure.

SESSION COLLABORATION
Sharing a session enables the system administrator to join a given connection and work alongside remote user, while their actions are recorded separately. A third-party user may be invited to join, collaborate or view the live session via an expirable link.

BEHAVIORAL ANALYTICS THROUGH MACHINE LEARNING

Fudo's software release enables existing systems to build users and system usage profiles based on continuous analysis of behavior patterns and anomalies. The AI module can accurately detect anomalies in user behavior, helping security teams take preemptive actions to prevent misuse. This functionality works while the session is live and provides almost instant security feedback for security officers or administrators. In organizations with thousands of sessions every minute, the ML model will highlight the ones that might need immediate attention. This is the difference between searching for a needle in a haystack manually or using a neodymium magnet.

PASSWORD MANAGEMENT WITH AUTOMATIC PASSWORD CHANGERS

Fudo features a complete password management solution with password changers & verifiers, as well as check-in/out support. It enables managing credentials to privileged accounts on monitored servers. Password changers run on a separate transport layer which allows the use of built-in ones or the ability to create your own script. Furthermore, custom plugins can be written and uploaded to Fudo directly.

JUST-IN-TIME ACCESS

Grants temporary access to resources, easily defines and schedules when a specific resource is available to certain users. Increases efficiency in an organization as users are able to schedule temporary access themselves with intuitive oversight by security admins and provides a way to make flexible multi-level access workflows.

FUDO WEBCLIENT

Fudo's device-independent web client for RDP and SSH protocols allows sharing resources without the use of platform-native clients. Fudo is agentless already, and this feature reduces configuration at the endpoint to none. Native clients may require staff training or initial setup while the WebClient is a single button press on the user portal establishing a connection out-of-the-box and never leaving the browser.

DIRECTORY SERVICES SUPPORT

Fudo PAM supports LDAP and Active Directory services which allow importing users and verifying their login credentials.

SESSION TIMESTAMPING FOR IN-DEPTH ANALYSIS

A trusted timestamp makes recorded sessions invaluable for use as forensic evidence in court. In addition, the feature supports trusted time-stamping services provided by external institutions.

SUPPORTED PROTOCOLS	SUPPORTED STANDARDS
• Graphical protocols: RDP, VNC, X11. • Command line protocols: SSH, Telnet, Telnet 3270, Telnet 5250. • Database protocols: MS SQL. • Application protocols: HTTP, HTTPS (graphical and protocol native). • Industrial communication standard: Modbus. • IPv6 ready for future-proof deployments	• SSH ProxyJump support allows configuring an intermediary system for connection to the target server. • SSH Agent forwarding for all account types. Allows users to keep their SSH keys secret. • External authentication: Active Directory, Radius, LDAP • Azure authentication method for rendered HTTP-based servers (Asana, Salesforce, LinkedIn, FB and Twitter are also supported). • MFA provided by RADIUS, SMS, DUO, and OATH (Google Authenticator). • VMware Tools support.

BUILT FOR PERFORMANCE. HIGH LOAD READY.

Fudo PAM supports an active-active cluster configuration which ensures high availability (HA) and almost linear performance scaling. Fudo hardware appliances are capable of handling up to hundreds of concurrent connections.

RAPID DEPLOYMENT WITH NO AGENTS

Fudo PAM is a complete solution for any environment and provides maximum security of resources. Agentless approach ensures minimal deployment time. It is delivered as a self-contained system (including storage) – no OS pre-installation is required.

APPLIANCE SPECIFICATIONS:

	F1002	F3002	F5000
FORM FACTOR	2 U	3 U	4U
DATA STORAGE (USEABLE)	15.9 TB	59.9 TB	247 TB
NETWORK	4x1GbE Optional cards available***	4x1GbE Optional cards available***	4x1GbE Optional cards available***
CONCURRENT SESSIONS *	up to 100	up to 200	up to 300
CONTENT CAPACITY **	6 months	2 years	7 years

* Average 30% FullHD 16-bit graphical and 70% text-based sessions
** Calculated for 50 sessions created per day with average 70% RDP FullHD16-bit and 30% SSH.
*** Additional cards in Fudo hardware

ALL MODELS ARE ALSO AVAILABLE AS VIRTUAL APPLIANCES:

CODE FROM PRICELIST	PRODUCT FROM PRICELIST
FH-FC16	Fudo Appliance optional 2x16Gbit HBA FC Adapter (for external storage/data retention)
FH-4x1GbCuBypass	Fudo Appliance optional 4x1000Mbit Copper Network Adapter with hardware bypass = (4x1Gb/s)
FH-4x10GbCu	Fudo Appliance optional 4x10Gbit Copper Network Adapter
FH-4x10Gb	Fudo Appliance optional 4x10Gbit Fibre Network Adapter + SFP + transceiver