



HOW TO SECURE  
YOUR REMOTE  
ACCESS IN ONE DAY  
USING **FUDO PAM**

FUDO PAM AS AN EXCELLENT  
SECURE AND EFFICIENT  
REMOTE ACCESS TOOL.  
DEPLOYABLE IN 1 DAY.

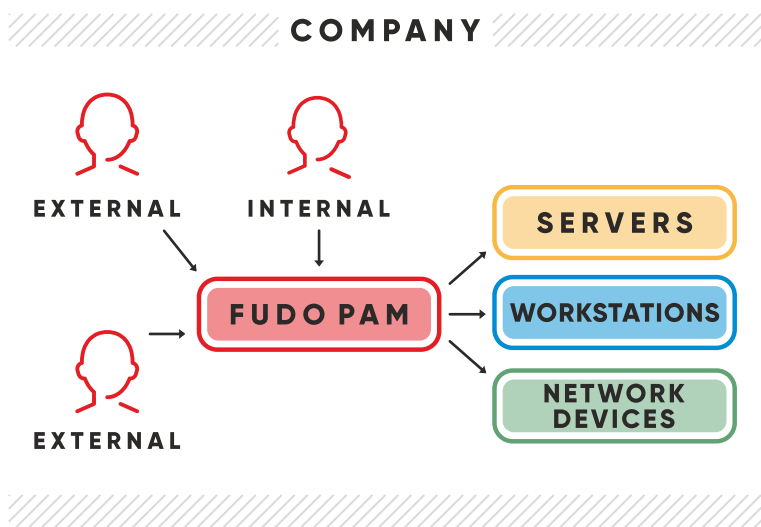
# COMPANY - WIDE SECURE REMOTE ACCESS

Most of us take remote work for granted. We have our company-issued laptops, VPNs, tokens, etc. With a mobile hotspot in our pocket, we can go to the beach and work from there.

This isn't the case for many employees dealing with highly sensitive information on a daily basis. Sensitive information must be handled with care and according to government-issued regulations. Due to the confidential nature of this data, accessing it is closely scrutinized. That's why this kind of information often can be accessed only from a workstation connected to the local network.

A VPN solution doesn't provide the level of protection necessary for processing sensitive data. Mishandling login credentials or access rights may result in severe repercussions for the company. Securing remote access in such a case requires applying a PAM level of sophistication to all workstations on the company's network.

## PAM - THE MOST SECURE REMOTE ACCESS SOLUTION.



PAM stands for Privileged Access Management and is typically applied to the server environment and networking hardware essential for your company's operations.

Its purpose is managing and monitoring administrators accessing your IT infrastructure, carrying out a variety of maintenance tasks.

These can be your internal staff looking after your servers on a daily basis or third-party contractors requiring temporary 'just-in-time' access to handle specific assignments.

**PAM ENABLES SUPERVISION AND RECORDING OF ALL THOSE ACCESS SESSIONS. IT'S THERE TO PROTECT YOUR BUSINESS.**

# I PAM FOR WORKSTATIONS

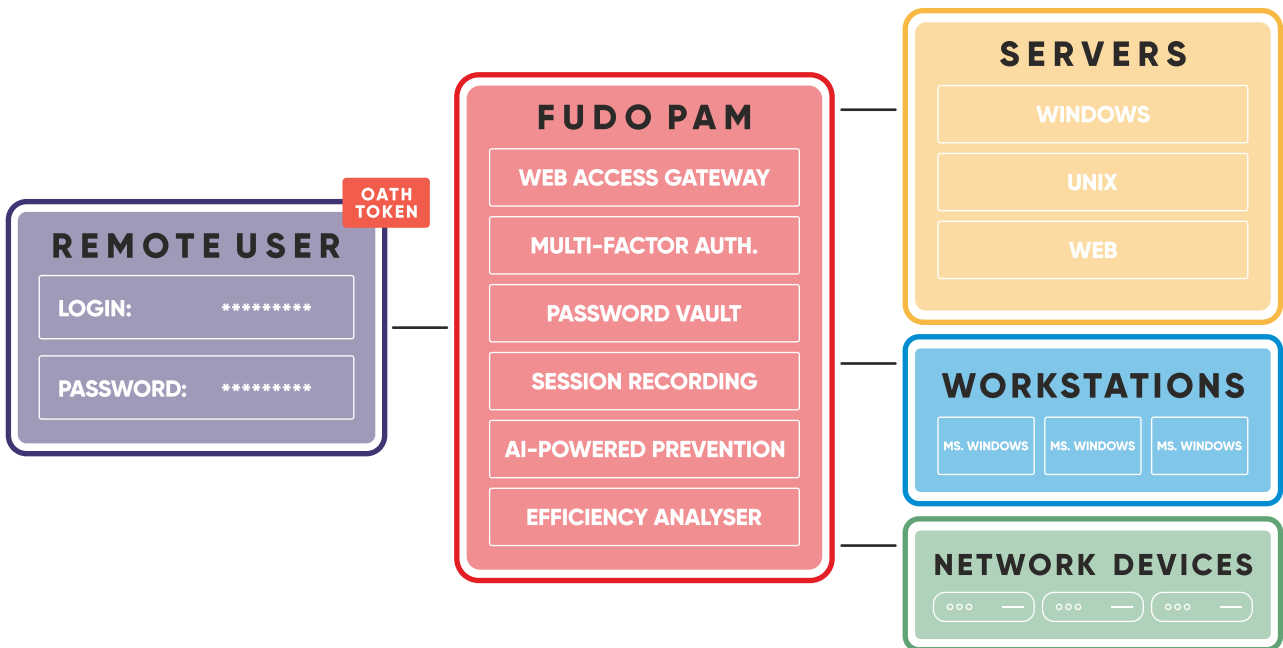
The only way to secure a company-wide home office policy is by implementing PAM for each and every workstation.

There are a few conditions that such a solution should meet:

1. **CONVENIENT** - remote work should be seamless so it's as effective as if it was carried out in the office.
2. **SECURE** - end-to-end security is a must - login procedure that should support MFA and the established communication channel should be encrypted.
3. **SCALABLE** - with hundreds of employees working from home, it's essential to make sure the system remains responsive no matter the number of concurrent connections.
4. **QUICK TO DEPLOY** - time is money - very few companies can afford several weeks of downtime as they lose money with each passing day.
5. **PROACTIVE** - overlooking hundreds of concurrent access sessions isn't feasible. A reliable solution should aid system administrators in their efforts.



## FUDO PAM AS A COMPANY - WIDE REMOTE ACCESS SOLUTION



Fudo PAM enables secure remote access to the company's IT resources. It covers all possible scenarios: from 3rd party contractors accessing your critical infrastructure to thousands of employees accessing their office workstations from home.

Remote users can access monitored systems through a proxy or using a convenient Web Access Gateway.

Fudo PAM is a self-contained, all-in-one solution and it doesn't require any additional licenses or agent software running on monitored systems.

Multi-master clustering technology provides load balancing and ensures a high system's availability. This makes Fudo PAM highly scalable, ready to handle any volume of workload.

### **WEB ACCESS GATEWAY**



Fudo's Web Access Gateway ensures the most convenient access to remote systems.

Find the desired resource and click the login icon to launch the protocol client of your choice and establish a connection without having to enter login credentials.

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### **MULTI-FACTOR AUTHENTICATION**

Fudo PAM supports OATH compliant tokens for secure multi-factor authentication.

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### **PASSWORD VAULT**

Fudo PAM can change passwords automatically according to customizable policies that match your internal regulations. Password changers run on separate transport layers (SSH, LDAP, Telnet, WinRM) and with scripting, Fudo is able to manage passwords on virtually any device.

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### **SESSION RECORDING & MONITORING**

Fudo provides the most complete set of privileged session monitoring tools, including live session supervision, session joining as well as sharing content with third parties.

HTTPS protocol rendering ensures convenient analysis of access sessions to online resources while proactive monitoring allows for notification alerts, suspension or termination of a suspicious session.



## AI-POWERED PREVENTION

Based on advanced biometrics tracking, Fudo can detect even the slightest change in user behavior in SSH and RDP connections. Sessions are analyzed and scored in real-time to help you prevent access rights misuse and prioritize the review backlog. Fudo PAM will also alert the system administrator about suspicious events such as higher than the usual number of connections or unusually long access sessions.



## EFFICIENCY ANALYZER

Fudo calculates user's efficiency based on session activity. You can compare the efficiency of single users or entire organizations and with the information Fudo delivers, you can verify billed hours and lower your IT maintenance cost.

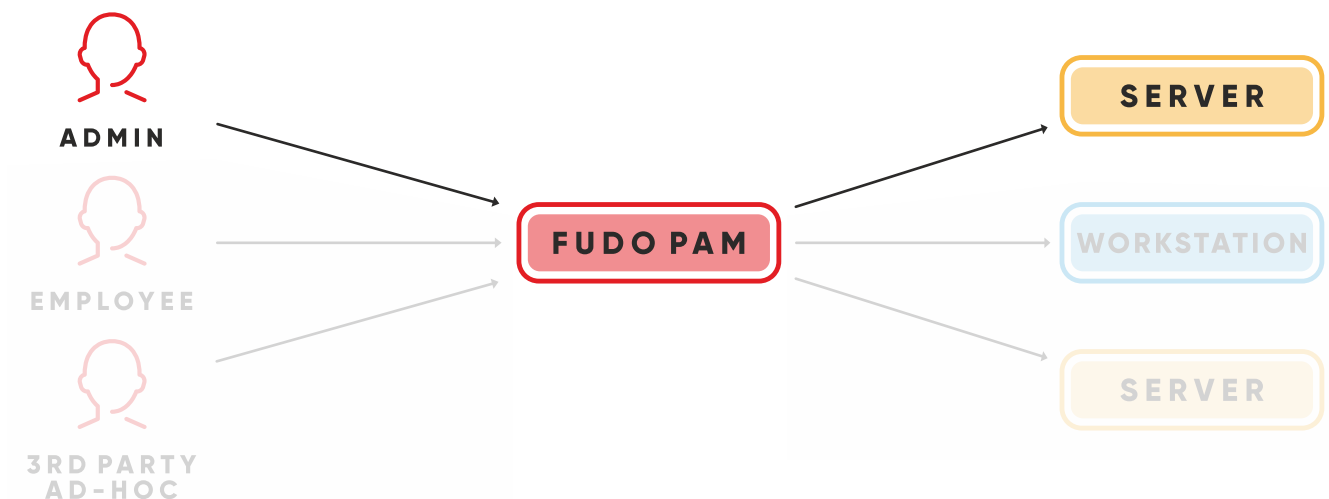


# I USE CASES

Fudo PAM covers the entire spectrum of remote access scenarios.

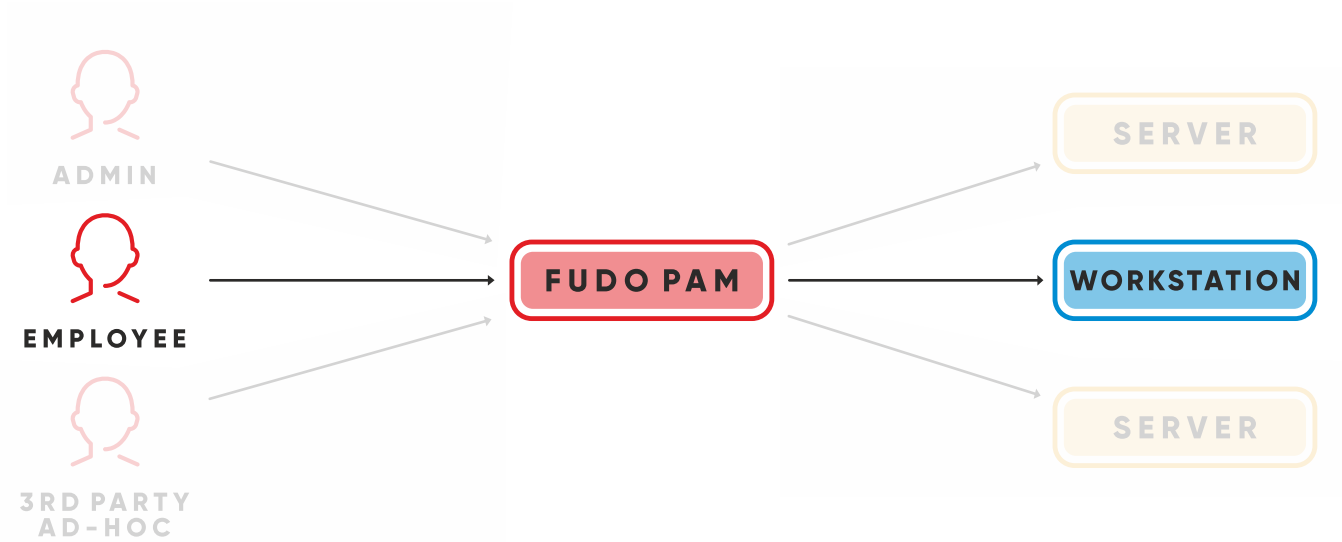
## REMOTE PRIVILEGED ACCESS TO SERVERS

- Monitor privileged access to your IT infrastructure.
- Keep an eye on remote contractors and internal staff.



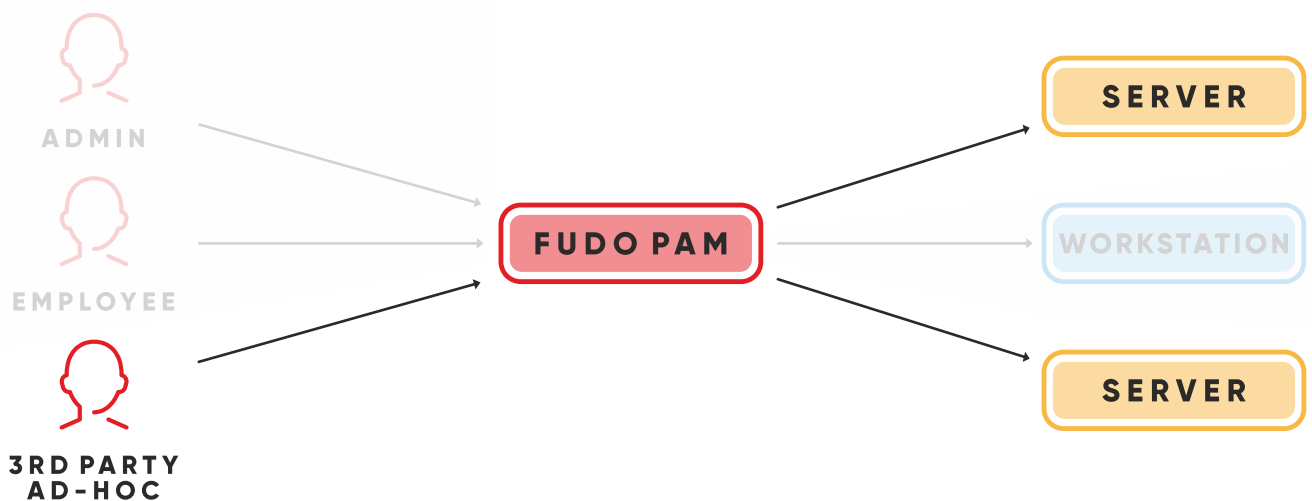
## REMOTE ACCESS TO WORKSTATIONS

- Enable secure remote access to workstations.
- Make sure your employees can access all the tools and resources they need to carry out their work.



## CONTROLLED, PROVISIONAL ACCESS

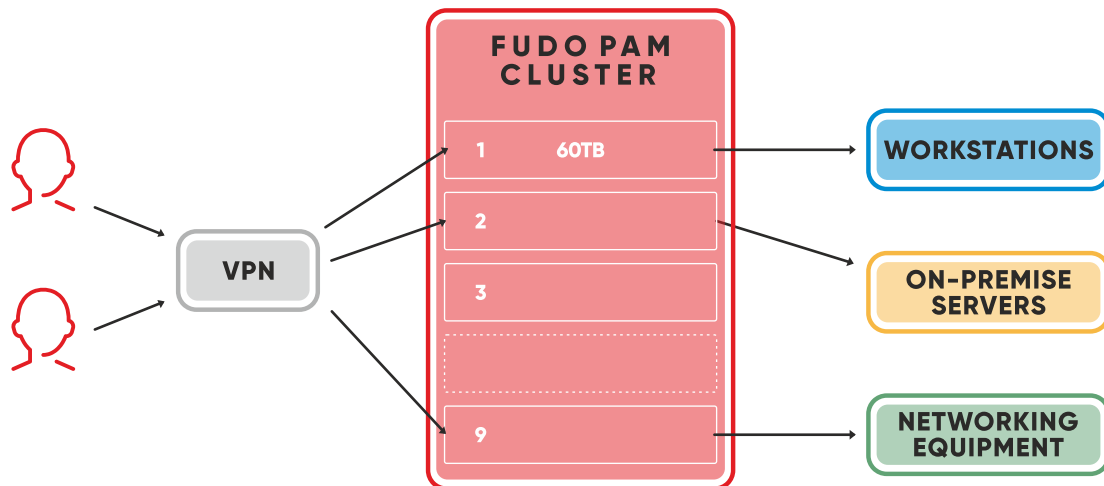
- Grant temporary remote access for subcontractors and freelancers.
- Monitor their work to make sure they complete their tasks according to the contract.



# I CASE STUDY

Setting up remote access for 2000 employees of a large financial institution.

Due to access to highly sensitive information, the client required access to be both secure and monitored - something that a VPN solution cannot provide.



The provided solution was based on a cluster comprising 9 virtual Fudo PAM instances, 6 cores, 16 GB of RAM each.

Users access their Windows workstations over the RDP protocol. Their requests are distributed evenly using the DNS round-robin technique.

Recorded session data is stored on a 60TB storage partition assigned to one of the cluster nodes. This enables storing 1 month's worth of data for 2000 concurrent access sessions.

In this particular case, the client insisted on users connecting to the Web Access Gateway through a VPN but it wasn't necessary as the SSH and RDP provide secure transmission on protocol level.

# FUDO'S ONE DAY DEPLOYMENT

- ✓ Fudo's all-in-one and agentless architecture make it deployable in just one day.
- ✓ No need to install any additional software on the server or user site.
- ✓ Just plug & play in safety.



## ABOUT FUDO SECURITY

### PRIVILEGED ACCESS MANAGEMENT IS IN OUR DNA

Our expertise in security is confirmed by years of experience, hundreds of satisfied customers and a global distribution channel. Our mission is to design the friendliest and most reliable solutions to arm organizations against the abuse of privileges. Our products allow you to monitor the activity of users with access to critical assets, help you manage the password policy and alert you in case of any suspicious behavior.





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