AccessMatrix™ PSM

Privileged Session Management

Video Audit, Session History, Activity Report
Easy Deployment, Accurate Location, Group Management, Strong Compatibility

Key Features

- Easy installation simplifies the integration and saves deployment cost
- Supports black & white video saving 25 % storage cost
- Auto record for all activity
- Integrate with current directory to manage resources and users automatically
- Supports Windows popular platforms (Windows Server 2008/ Win7/ Win10)
- Integration with popular virtual machine such as Citrix, SANGFOR VDI
- High extension for future needs
- Supports extension for i-Sprint AccessMatrix UCM (provides users, credential and strong authentication managements)

Overview

People concerns security and standards more and more as the information and Internet are everywhere. The Chinese governments release various laws or regulations for the enterprises to improve information security. For example, the government administrative institutes or state-owned enterprises have to follow Basic Protection Requirement for Information Systems Security Level, the Chinese listed companies have to follow Basic Specification for Enterprise Internal Management; and other regulations are Information Risk Guide for Bank, Management Guide for Securities Agency, Security Guide for Power Secondary System etc.

The integrity of audit data affects the audit result directly because even a little loss of data would cause the trace failure. More, the traceability or duty judgement will be invalid because of the loss of key or sensitive info.

PSM (Privileged Session Management) can video all users' activity, and supports to locate the video to desired event; it provides complete session history, audit logs and activity reports which user can search for desired contents. PSM supports to integrate with current user directory to fulfill quick deployment and easy management with high efficiency.

Main Functions

Video Audit
- Videos of all operations for audit
- Easy location for video
- Integration with current directory (MS Active Directory / LDAP)
- Archive and batch process of videos

Session History
- Log History
- Command History

Audit Logs
- Audio Audit Log
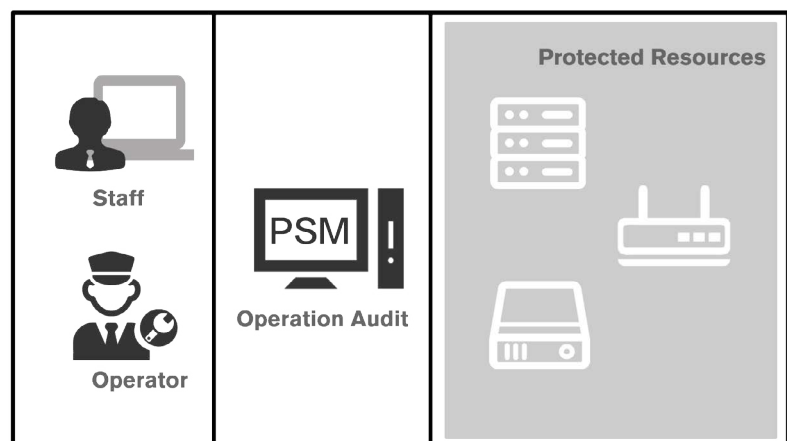- Command Audit Log
- App Audit Log

Activity Reports
- Users Activity
- Resources Access
- Command Results

Use Case

1. Enterprise Systems Security

Enterprise need to improve the audit for internal systems daily operations, such as new system launch, production environment changes and privileges management of internal resources.

## 2. Cloud Desktop and Virtual Machine

The Cloud services are popular more and more nowadays, so as the audit for Cloud services for the Cloud operations and audits would affect the data security directly. The Cloud service providers pays more attention to Cloud audit for better user experience and Cloud security.

i-Sprint has the authorizations from leading virtual machines providers such as Citrix, SANGFOR VDI to integrate with PSM. It's helpful for enterprise to build their own security audit systems.
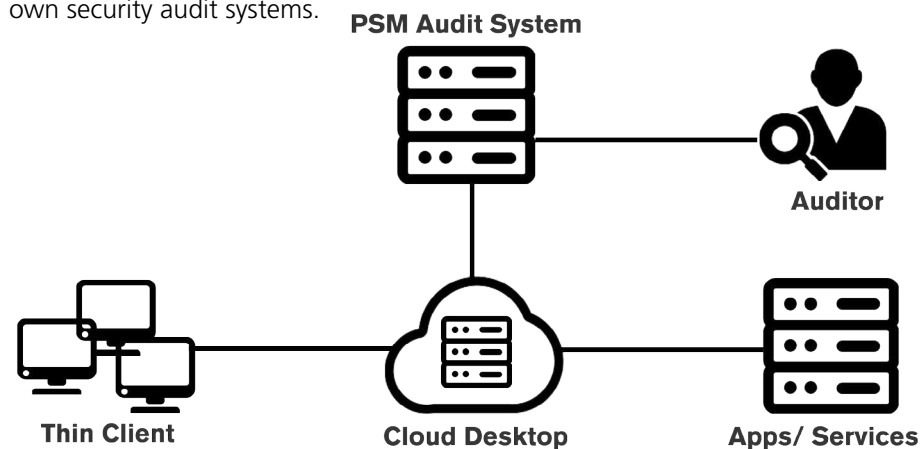
3. Development Environment

For software enterprises, the most important accesses are product, source codes and development process managements. Cloud apps/services are popular day by day, and software enterprises would be long for a reliable audit system to secure their precious access regardless they are local development or Cloud developments.
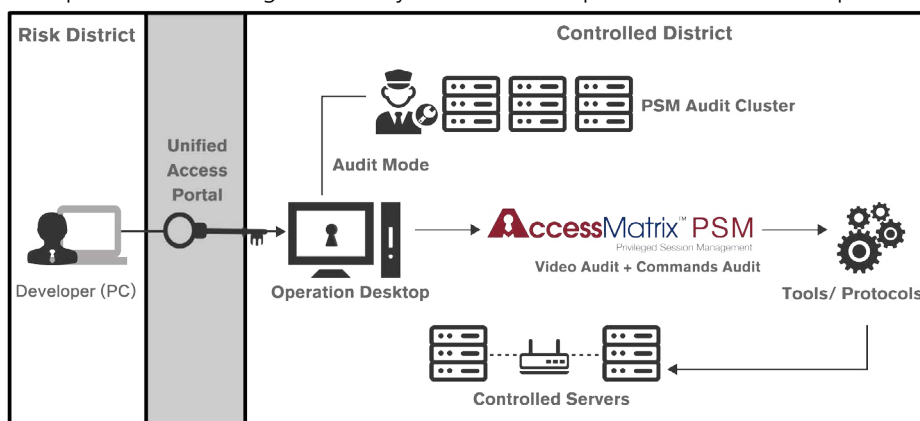
PSM Recording Size

Resolution	Core	Operation	Duration	Format	Size
800*600	2 cores	Idle (sipmle command) : Launched via Putty	67mins	MP4	2.26M
800*600	2 cores	Files transfer (10G files for download/ upload via SSH Secure FileTransfer Client)	61mins	MP4	4.91M

*Recording size varies widely depending on amount of activity during the session