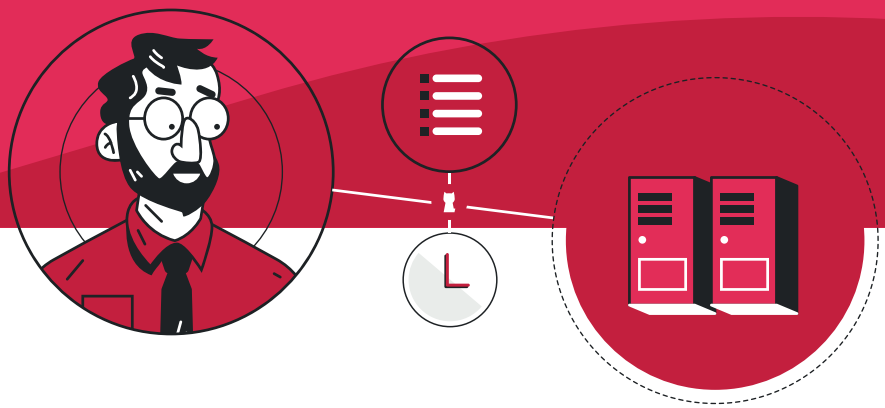
PROVEIT
by rubycat

Strengthen the security of **sensitive IS access**



- **Authorise** and **control** of third-party access and privileged users.
- **Trace** access to servers and sensitive data.
- **View** the connection process.

A **simple** and **flexible PAM* solution** that is easy to integrate

VISA DE SÉCURITÉ

*PAM : Privileged Access Management

A genuine IT security policy includes traceability and control of privileged users

Your servers contain **sensitive data** or **applications** that must be protected to ensure your business's continuity and sustainability and **comply with the General Data Protection Regulation - GDPR** (see Default security obligation in Article 25 paragraph 2).

- Any action on a critical server must be monitored, traced and easily identifiable.
- Any person with special privileges must be clearly identified and their access restricted.

PROVE IT

The software platform that secure your **sensitive access**

Unique and essential access point for sensitive access

The PROVE IT software solution is positioned at the cut-off to internal and external access to the IS. Therefore, it is ideally placed on the internal network to act as a **centralised access portal to resources.**

Its built-in identity vault strengthens the access security by accounts with privileges through the **non-disclosure of sensitive account identifiers.**

Interfacing with the existing environment

Easy to install: ideal for a virtual machine dedicated to.

Quick to deploy: a pre-packaged platform that is simple and quick to install (in less than one hour).

Non-invasive and autonomous: no agent installation on target servers or client computers.

Transparency of access to critical servers: PROVE IT interfaces with external databases for authentication as well as existing security and access solutions.

Native interfacing with your ecosystem: VPN, log concentrators, security event management SIEM (syslog) and MFA/2FA solutions (radius)

Main features

	PROVE IT		
	Standard	Advanced	Advanced Cluster
Control of privileged users and access, including third-party providers	✓	✓	✓
Access Policy (RBAC) for access management to critical resources	✓	✓	✓
Event log of internal/external connections and administration operations	✓	✓	✓
Internal secure vault for managing sensitive accounts	✓	✓	✓
Recording and archiving of sessions	✓	✓	✓
Replay of session available for analysis and corrective action	✓	✓	✓
Advanced notifications of events (SYSLOG or email)	✓	✓	✓
Configurable retention policy	✓	✓	✓
Segmentation of administration rights by profile: auditors / operators / administrators	✗	✓	✓
REST API to facilitate frequent administration operations or automate process	✗	✓	✓
Volume of more than 40 sessions simultaneous sessions	✗	✗	✓
High-availability	✗	✗	✓

Checks, traces, and records the connection process

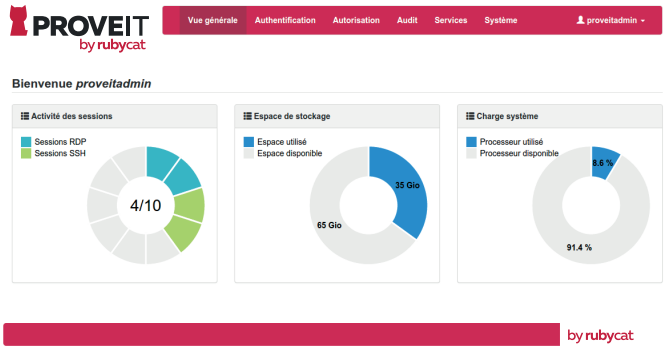
With PROVE IT, you know who connects to your servers when and how. And you can also see the actions performed in real time. Recorded sessions are saved for later review.

Administration

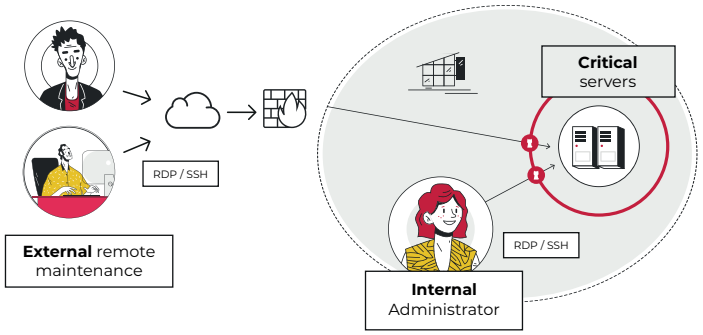
A simple and intuitive interface

On the Web administration interface, you have a dashboard with an overview of your sensitive access points:

- The activity of users logged in to the **PROVE IT** portal
- The storage space used for archiving
- The platform's load



Defining an access policy



Authenticating users

An autonomous internal directory integrated within **PROVE IT** to create accounts and user groups
Interfacing with external directories (LDAP, AD)

Services

Declaration of sensitive servers
Secure provisioning of access credentials
Security policy via advanced **protocol filters**

Permissions

Access management policy based on roles (RBAC: Role Based Access Control)
Advanced access **policy filters**

Real-time supervision

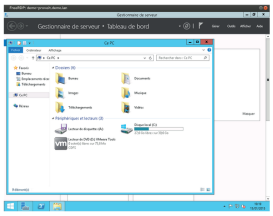
Dissuasion: The user must acknowledge a warning message. Warning them that their session is recorded, they will take more care in their actions.

Real-time control: events notifications (per user and per item of equipment) and view of running sessions.

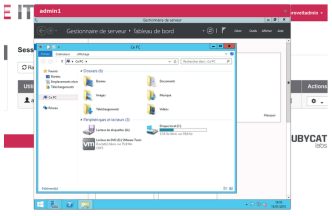
Prevention of malicious activities: you can **interrupt an unauthorised session** by disconnecting it at any time.

Instant visualization

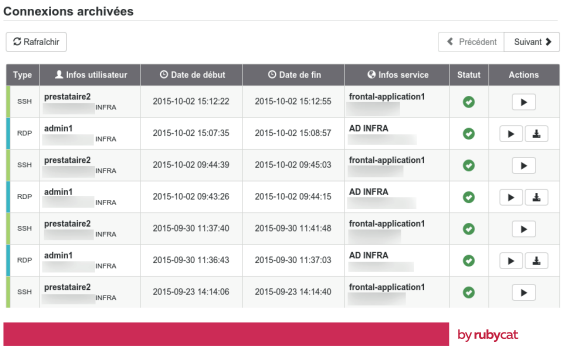
Provider



PROVE IT Administrator



Auditability



Optimise your investigation and research time

Find the origin of the problem or anomaly by viewing records of completed sessions from connection logs with quick search: date, user, department, etc.

Repeat your successes

Was it a successful intervention? PROVE IT ensures you can view it later.

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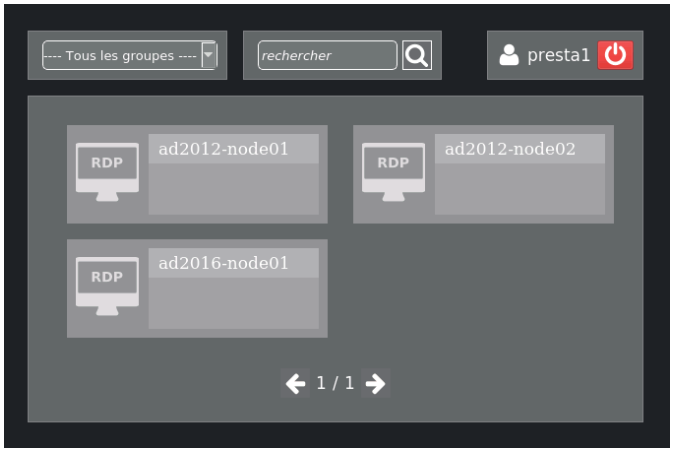
User portal

The privileged user connects to the PROVE IT portal via their native client (RDP or SSH) and signs in.

A personalised kiosk suggests the servers authorised for their profile.

After selecting a server, they are notified that their session is recorded and can accept or refuse the connection to the authorised resource.

The connection is then made in a transparent way to the target server.



Technical characteristics

Server architecture required	Dedicated VM (on premise or cloud)(1)
Record storage	Dedicated file system (network storage supported)
Volume	1,5 Mb/minute/active session(2)
Protocols supported	RDP (disk redirection, file transfer, clipboard, etc.) SSH (SCP, SFTP, port forwarding, etc.) Other protocols supported via bounce server

(1) VMware ESX 5+, Microsoft Hyper-V 2008+, QEMU/KVM
(2) Average volume observed on a RDP record (depends on video encoding format, display quality and resolution)

A scaled license that keeps costs under control

The PROVE IT license is scaled only to the **number of simultaneous connections.**

- Number of declared users allowed: Unlimited
- Number of target servers allowed: Unlimited

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Rubycat is a **French software publisher specialising in traceability and information system access control.** Total control over our development ensures the quality of our offers and guarantees our products adaptation to our customers' specified needs.

With extensive experience and relevant expertise in the field of IT security, the Rubycat team is here to help you implement and develop your projects (support, advice and training).

Our scope of intervention covers all sectors of activity, whether public or private (healthcare, health insurance, regional and local authorities, retail, SMEs, SMIs, etc.).

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