

# ACCESS CONTROL, SESSION RECORDING AND SUPERVISION of privileged users



**INSIDER THREAT MANAGEMENT • ENHANCED SECURITY  
ACCESS MANAGEMENT TO CRITICAL RESOURCES**



# WAB

Audit trails & Compliance  
Access control for privileged accounts  
Admin session recording  
Password management  
Single Sign-On (SSO)  
Real-time supervision

CSPN Certified



**WALLIX**  
TRACE, AUDIT & TRUST

# WALLIX ADMINBASTION WAB

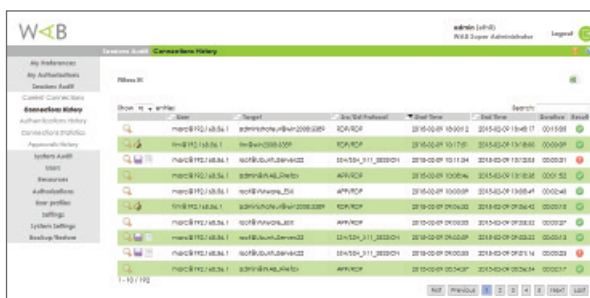
Wallix AdminBastion (WAB) is a privileged user access control and traceability solution designed for simple integration into information systems. In a matter of hours, WAB will give you information on “who, what, when, where, and how”, in real time or logs, on your privileged users.

WAB controls all access to privileged accounts by internal and external IT service providers and high-risk users. You can also record their work sessions and review them as

and when needed (audit, incident, forensics, etc.) With WAB, you can easily manage IT team turnover and ensure that critical servers cannot be accessed by individuals no longer authorised to do so. In addition, WAB can link any connection to an anonymous account with a named user - thereby guaranteeing accountability both of connections and of actions. Responsibility is traced more rapidly in the event of an incident, enabling you to respond equally rapidly as a result.

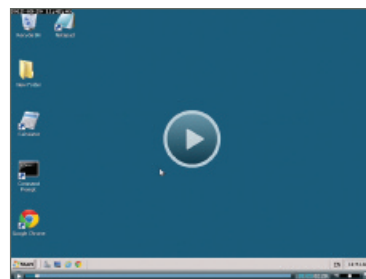
## Privileged account traceability

Wallix AdminBastion tracks all connections and actions by privileged users on administered devices: web applications, databases, hypervisors, Windows & Unix/Linux servers, network devices, etc. Via WAB's audit console, you can view connection logs and monitor sessions in real time. You can grant limited time access to particular resources for certain users. And be sure that this activity is logged for the purposes of compliance.



## Session recording Simplified searches

Windows Terminal Server (RDP) or VNC graphic sessions on managed devices can be recorded in video format, and activities performed during command-line sessions (SSH, Telnet, etc.) can be recorded in text file format. Wallix AdminBastion's Optical Character Recognition (OCR) engine analyses all Windows and VNC graphical sessions, providing a simple means of finding the source of incidents, failures and wrongdoing.



## Activity & audit reports

Wallix AdminBastion provides standard reports on global WAB activity (connection logs, number of connections, user rankings, etc.). Wallix's WAB Report Manager (WRM) add-on solution can be used to create custom statistical and alert reports according to your needs and your business or audit requirements.

## Event analysis & OCR Improved visibility

Wallix AdminBastion examines all commands entered during SSH sessions in real time, creating an alert or even terminating the connection if it detects a prohibited string. Wallix AdminBastion's OCR engine analyses all RDP and VNC sessions in real time so that an alert is sent when the WAB detects any inappropriate behaviour. Using OCR in this way also means that activity in any web-based business applications can be monitored and recorded, whatever technology is used (Java, Flash, .NET, HTML5 etc).

## Directory integration

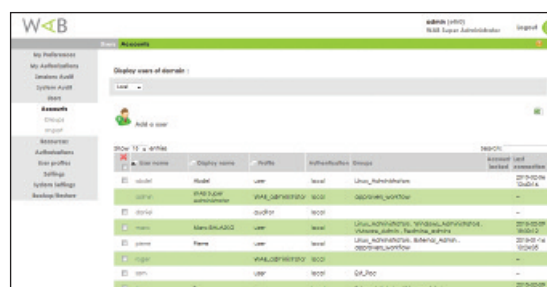
WAB integrates completely transparently into an Active Directory or LDAP user account/rights management infrastructure.

## Password management Turnover control

WAB includes a password management system that can be used to automatically or manually change the privileged account passwords of administered devices (Windows & Unix/Linux servers and Cisco hardware). It provides secure access to the modified passwords in the event of a major security incident.

## Access control

Simple yet powerful rules give you full control over access to devices and applications, using criteria such as the IP address, user name, time frames, protocol, etc.



## Real-time alerts

### Rapid response

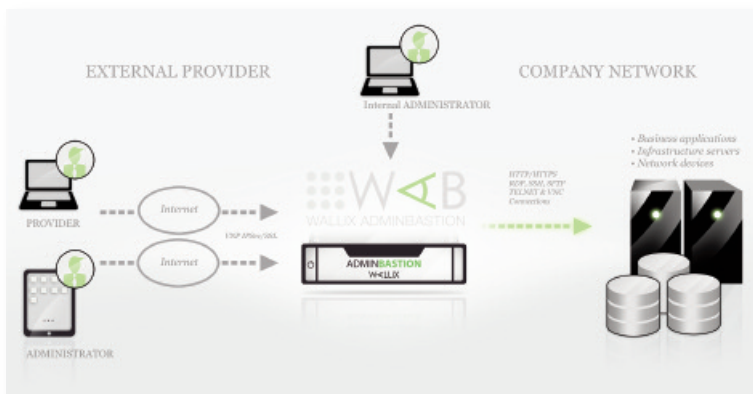
Wallix AdminBastion alerts you to any attempt to connect to a device considered as critical, or when a WAB sign-on fails, or when an automatic sign-on to a target account is impossible.

## Single Sign-On (SSO)

Users log onto the WAB with their personal user name and password, enabling them to access all of their authorised target devices without further sign-on procedures. Furthermore, there is no need for users to know the passwords for the target accounts.

## HTTP/HTTPS connection traceability

Wallix AdminBastion can monitor and log all access to the web-based admin interfaces of devices and applications.



## Strong authentication

An X.509 V3 certificate or a One-Time Password (OTP) solution such as a dynamic password generator can be used to provide strong authentication of privileged users.

## Automated provisioning

### Ease of use

REST Web Services can be used to populate the WAB automatically (users, devices, groups, etc.). Information synchronisation between a central Identity & Access Management (IAM) solution and the WAB can also be automated, significantly reducing the Total Cost of Ownership.

## Business application access

The WAB tracks connections, records actions and provides a single sign-on (SSO) for applications such as VMware ESX, Oracle, MySQL, etc.

## Agentless operation

### Simplified deployment and operation

The WAB operates without any dedicated agent on either the administered devices or the workstations, facilitating deployment and reducing the Total Cost of Ownership. Its non-intrusive technology means that IT department working habits can remain unchanged.

## Physical or virtual appliance

Wallix AdminBastion is available in the form of physical or virtual appliances that can be clustered to provide a high availability solution.



## About Wallix

WALLIX is the European leader in Privileged User Management and have succeeded in combining the three core requirements of managing privileged users, password management, access control and traceability, into a single easy to deploy appliance – The Wallix AdminBastion (WAB).

WALLIX's solutions are distributed through a network of VARs across Europe, the Middle East, Africa, Russia and North America. The solutions are designed to meet the compliance and governance needs of organisations across all industry sectors. Wallix is a highly innovative technology company with customers across the world and offices in France, the UK and the USA.

WALLIX is recognised as an innovative company with certifications and awards including, Oseo Excellence, Systematic Paris-Region Systems and ICT Cluster Champion, and Ile de France region PM'UP programme winner (programme to support 200 high-potential SME - The company is supported by the Access2Net, Sopromec, Auriga Partners and TDH (Mr Thierry Dassault's personal holding) investment funds, as well as the French Fonds national pour la Société Numérique (French National Fund for a Digital Society - FSN).

Read more: [www.wallix.com](http://www.wallix.com)  
Follow us on Twitter: [@wallixcom](https://twitter.com/wallixcom)



Features	Descriptions	Benefits
<b>Access control</b>	WAB can be used to define a highly granular access control policy according to criteria such as the following: target applications and/or servers, target accounts, protocols, time frames, etc. Wallix AdminBastion supports most device and server administration protocols: HTTP/HTTPS, RDP/TSE, SSH, Telnet, VNC, SFTP, etc.	As a result, it is simple for you to know exactly which accounts and devices users can access. You no longer need to open access to the information system more than is absolutely necessary, thereby optimising your risk management policies.
<b>Single Sign-On (SSO)</b>	Users can access all of their authorised target accounts simply by remembering only one user name and password, which can be those of their directory account.	Administrators no longer require a "password file" or need to disclose sensitive passwords outside the organisation.
<b>Access Request Workflow</b>	Users without access to particular resources can make a request to access via WAB. A WAB administrator can grant access and enforce time-based rules.	You can ensure that privileged users have access to the right systems when they need to. The workflow is also logged to create a record of when access was granted.
<b>Web &amp; client/server application access</b>	The WAB tracks connections, records actions and provides a single sign-on (SSO) for web or client/server applications such as VMware ESX, Oracle, MySQL, etc.	Access to the privileged accounts of web or client/server applications is now as secure and traceable as that of Windows or Unix/Linux system accounts.
<b>Traceability and recording of privileged user sessions</b>	All administered device connections are logged and can be recorded for graphical (RDP/TSE or VNC) or command-line (SSH or Telnet) sessions.	You can see who logged on, when, to which target account and for how long and then view the session recording to analyse its contents.
<b>Password management</b>	WAB can change the passwords of administered devices on request or at regular intervals.	You can ensure that password changes and complexity comply with all regulatory requirements applicable to your critical devices without creating any extra work for your IT department.
<b>Agentless technology</b>	Wallix AdminBastion operates without the need for a dedicated agent on administered devices or on workstations.	As a result, WAB deployment, day-to-day administration and updates are all extremely rapid and simple.
<b>Statistics and Activity reports</b>	WAB activity statistics and reports can be consulted via its admin interface.	Information system security managers can see a qualitative and quantitative summary of all privileged user activities.
<b>Administration delegation</b>	The WAB's profile management functions can be used to define which actions each WAB administrator is authorised to perform (creating users, modifying rights, etc.)	You can define functional scopes for your system administrators (for example, "Unix admin" or Windows admin), and create special roles such as the "auditor" profile.
<b>Event analysis &amp; OCR</b>	The WAB can detect character strings in SSH sessions in real time and analyse the content of RDP/TSE sessions.	You can see precise details of all actions performed during an SSH or RDP/VNC session.
<b>Real-time supervision</b>	WAB administrators can view the contents of all RDP & SSH sessions active/open on the WAB in real time and terminate the connection if necessary.	This provides an answer to regulatory "two-pairs-of-eyes" issues.
<b>REST Web Services support for populating the WAB</b>	The WAB's user, administered account, device and access rights information can be populated via REST Web Services.	This automatic synchronisation between a central IAM solution and a WAB drastically reduces the WAB's Total Cost of Ownership.

#### Technical information

- Supported protocols:  
RDP, SSH/SCP, HTTP/HTTPS, VNC, X11, SFTP, Telnet, rlogin and client/server applications

#### Features

- Access Control Lists
- Privileged user session recording and viewing (commands and actions)
- Setting of RDP video recording quality
- User authentication by user name/password, X.509 certificate or SSH key
- User password policy management
- Device password policy management
- Per user-group and per device rights management (RBAC)
- Administration delegation and user-profile definition
- Connection and connection attempt logging
- Critical account access alerts
- Real-time active connection monitoring
- SSH and RDP flow analysis
- Viewing and generation of statistics and activity reports

#### Configuration/Operation

- By Web admin console (https), command lines or Web Services
- Command-line or Web Services control by third-party applications
- Import device lists via CSV file
- Import user lists via CSV file or direct AD or LDAP connection

#### Interoperability

- SNMP monitoring
- Interface with Radius, LDAP, LDAPS, Active Directory and Kerberos

#### Security and continuity of service

- Password encryption
- High-availability and load balancing
- Configuration backup/restore

#### Support

- Support available in English and French, optionally 24/7 with a platinum support contract



www.wallix.com

#### WALLIX FRANCE

http://www.wallix.fr  
Email : sales@wallix.com  
118, rue de Tocqueville - 75017 Paris  
Tél. : +33 (0)1 53 42 12 90  
Fax : +33 (0)1 43 87 68 38

#### WALLIX UK

http://www.wallix.com  
Email: ukinfo@wallix.com  
1 Fetter Lane, London, EC4A 1BR - UK  
Office: +44 (0) 2034 405696  
Fax: +44 (0) 2034 405401