

Devolutions



Devolutions
Server

DATASHEET

COMPREHENSIVE & EASY-TO-DEPLOY PRIVILEGED ACCESS MANAGEMENT SOLUTION

Enhance Security, Improve Network Visibility and
Control Access to Privileged Accounts

Specifications

Product Security

- AES-256 encryption
- Dual encryption – at application level first, and then again at database level
- COSO framework

Multi-Lingual Portal

- English, French and German

Security Policies

- GeoIP restriction
- IP allowlisting/blocklisting
- Login history
- History of failed login attempts

Two-Factor Authentication (2FA)

Supports a wide range of 2FA, including Google Authenticator, Yubikey, Duo, Email, SMS, Radius, Devolutions Workspace, and Azure Multi-Factor

Directory Integration

- Windows and Office365 authentication
- Role-based security system bound to Active Directory Groups for automatic granting of permissions
- Automatic user account creation based on Active Directory, optionally limited to a specific AD group

BACKGROUND

Managing, monitoring, and controlling privileged accounts is a critical priority for all organizations. Once breached, these accounts provide bad actors with unrestricted and often prolonged access to confidential, sensitive, or proprietary data. Even a relatively minor breach these days is very costly, while a major breach can be catastrophic; especially for smaller businesses.

However, to reduce this risk, organizations can not just “lock down” privileged accounts. Doing so would dramatically degrade end user experience, and adversely impact efficiency and productivity. Workers would be unable to do their job, and SysAdmins would be overwhelmed with complaints and support requests.

And to make the situation even more challenging, many solutions in the marketplace are built for large enterprises, and are therefore unaffordable for small and mid-sized businesses (SMBs).

What many organizations need now is an affordable solution that secures privileged accounts and protects assets, while it also drives efficiency and productivity. **This solution is Devolutions Server.**



ABOUT DEVOLUTIONS SERVER

Devolutions Server is an affordable, full-featured shared account and password management solution that deploys rapidly and scales seamlessly.

Devolutions Server also delivers the core features of a comprehensive privileged access management (PAM) solution, including:

- Privileged Account Discovery
- Secure Credential Injection
- Automatic and Scheduled Password Rotation
- Privileged Session Recording
- Checkout Request Approval
- Administrative Reports (these PAM features are explored further in this datasheet).

Just as importantly, Devolutions Server is affordable for smaller organizations that need enterprise-level security, features, and functionality – but do not have enterprise-level in-house specialists or budgets.

Finally, when it comes to managing, monitoring, and controlling privileged accounts and vaulting sensitive data, organizations do not have to compromise on security, efficiency, or affordability. They get it all with Devolutions Server. We call it “PAM for the rest of us!”

KEY BENEFITS AT-A-GLANCE

- Self-hosted privileged account management platform.
- Establishes overall network visibility for SysAdmins, integrates with SIEM tools and services, and provides proactive alerts and notifications.
- Provides business users with an easy-to-use web interface (see box at right).
- Enterprise grade features at a non-enterprise cost, which is ideal for small and mid-sized businesses (SMBs).
- Eliminates the tedious and time-consuming task of manually tracking and updating privileged credentials.
- Enforces password management best practices to enhance the security of privileged accounts
- Enables the management of privileged accounts and passwords on your own secured servers
- Enforces your organization's principle of least privilege (POLP) strategy.
- Enables powerful role-based access controls (RBAC) to provide passwords to groups of users, while protecting privileged accounts and assets.

Easy Does It

Devolutions Server has been designed to minimize the administrative burden on end users, while empowering them to handle basic password management tasks on their own through a simple, intuitive web-based interface.

Plus, each end user gets their own private vault, which they can use to store confidential and sensitive data.

Making things easier and more enjoyable is also great news for SysAdmins and other IT staff in the organization, because it means they spend less time dealing with end user password management issues, and more time completing high priority tasks and goals. Everyone wins!

KEY FEATURES

Privileged Access Management Module

Devolutions Server's built-in PAM module supports core functions including:

- **Privileged Account Discovery:** Automatically scan to discover privileged accounts (user, system, admin, service, database, etc.) from your provider(s).
- **Secure Credential Injection:** Securely inject credentials directly into remote sessions, but without ever exposing them to users.
- **Automatic and Scheduled Password Rotation:** Enforce password rotation upon check-in of a privileged account, or schedule password rotations. This changes both the system and Devolutions Server credentials.
- **Privileged Session Recording:** Use the built-in recording server to save remote session recordings locally or remotely
- **Checkout Request Approval:** Users can easily ask admins to check out privileged accounts. Admins are automatically notified and can grant/reject the request as appropriate.
- **Administrative Reports:** Keep track of privileged sessions and account activity with detailed admin reports for logging, audit, and compliance purposes.

Reporting & Governance

With Devolutions Server, you can establish transparency, enforce governance, and meet compliance requirements by generating comprehensive and detailed reports. These reports also help your organization monitor, evaluate and optimize your overall security strategy and profile. Options include:

- **Login reports:** view connected user list, login attempts and login history.
- **Connection reports:** view opened connections and expired entry list.
- **Log reports:** view activity logs, data source logs and administration logs.
- **History reports:** view deleted entry history.

Security

Devolutions Server provides enterprise-grade security, control and governance. Core security features include:

- **Role-Based Access Control (RBAC):** Limit access to view, edit or manage privileged accounts by using a role-based access control, which allows you to create a granular protection system.
- **Inherited Security Settings:** Use inherited security settings to prevent users from creating accounts, unless they have been granted the appropriate security level.
- **Permissions:** Bind specific permissions to Active Directory (AD) groups, in order to automatically grant access to users once they have been added. they have been added.
- **IP Restrictions:** Enforce IP restrictions to control access to Devolutions Server by granting access to defined IP addresses only, or create an IP blacklist to deny access to any unwanted requests.
- **Two-Factor Authentication (2FA):** Apply 2FA and add an additional layer of protection, hardening security around sensitive data and preventing unauthorized attempts to access privileged accounts. 2FA can be implemented organization-wide or at the user level.
- **Strict Password Policy Enforcement:** Devolutions Server provides several tools to ensure that users abide by the organization's password requirements.
- **Principle of Least Privilege (POLP):** Elevate privileges to applications for business users with role-based access control, granting just enough access to complete any given task.
- **Alerts:** Receive real-time email alerts on any activity made regarding a privileged account, making suspicious activity easier to detect.
- **Single Sign-On (SSO):** Enable authorized users to log in one time with a single set of credentials, and then access all of the apps, data, and websites for which they have permission.
- **Secure Messaging:** Send secure messages within your team, and safely pass credentials from your vault to members who require access.
- **Strong Password Generator:** Easily generate strong passwords with the built-in, easy-to-use password generator.

Productivity

Key features and tools in Devolution Server that boost productivity for both end users and SysAdmins include:

- **Active Directory and Office 365 Integration:** Save time and money by using your existing Active Directory infrastructure to import users and user groups, while synchronizing accounts and groups automatically and binding specific permissions.
- **Seamless Credential Injection:** Allow users to access websites and remote systems by directly injecting credentials without ever having to track down the credentials. Automatically provision privileged user and administrative accounts while providing secure direct access to critical assets.
- **Automatic Web Login:** Log into websites automatically using passwords stored in your vaults with the Devolutions Web Login browser extension available for Chrome, Firefox, Edge, and Opera.
- **User Self-Service:** Users can reset their own passwords and unlock their own accounts, which makes them more productive and reduces the administrative burden on IT staff.

SMALL INVESTMENT, BIG RETURN

Budget should never hinder your organization's security – but unfortunately, this is often the case for SMBs. Finding the right balance between an affordable and an uncomplicated Privileged Access Management solution can prove to be quite a challenge. Devolutions Server provides organizations, no matter their size, with a solution that offers enterprise-grade features at a non-enterprise cost, making it easy to realize a quick return on investment.



Devolutions Server is designed to work with our companion solution, **Devolutions Gateway**.

Devolutions Gateway serves as the entry point for an internal or external segmented network that requires authorized just-in-time access. It supports RDP, SSH, ARD, VNC, SFP, SFTP, PowerShell (WinRM and SSH), and embedded websites using Chrome.

- Devolutions Gateway can be deployed inside a network with no internet access or survive internet downtime.
- Reduce exposure to internal network resources with just-in-time connections through the Devolutions Gateway.
- Replace static VPN and firewall rules with dynamic access rules controlled by Devolutions Server.
- Enhance security by giving remote access, or access to specific applications, in separate network segments on demand.
- Improve productivity by eliminating the need to update VPN or firewall rules for temporary access.
- Enforce multi-factor authentication (MFA) through Devolutions Server authentication on Devolutions Gateway connections.
- Tunneling is restricted to RDP and SSH connections and doesn't affect unrelated network traffic, unlike VPN clients.
- Just-in-Time (JIT) connections make detailed session tracking and auditing possible, unlike VPNs.

Devolutions Gateway can be installed together with Devolutions Server (i.e., "side-by-side" installation), or separately. Please contact us for additional details and guidance.

LICENSING MODEL

Devolutions Server is available in four subscription editions to suit various needs and budgets: **Free**, **Team**, **Enterprise** and **Platinum**. The table below provides an at-a-glance overview of the features available in each edition:

DVLS SUBSCRIPTION FEATURES	FREE	TEAM	ENTERPRISE	PLATINUM
User Count	3	15	50	Unlimited
Data Source Count	1	1	3	Unlimited
Entry Count	100	Unlimited	Unlimited	Unlimited
Two-Factor Authentication	✓	✓	✓	✓
Active Directory & Office 365 Integration	✓	✓	✓	✓
Self-Hosted Shared Password Vault	✓	✓	✓	✓
Role-Based Access Control	✓	✓	✓	✓
Remote Desktop Manager Integration	✓	✓	✓	✓
GeoIP and IP Restriction	✗	✗	✓	✓
Multi-Domain Authentication	✗	✗	✗	✓
Privileged Access Management (a)	✗	✓	✓	✓
Devolutions Gateway (b)	✗	✓	✓	✓

- a)** PAM functionality requires a PAM module license.
- b)** Devolutions Gateway may require a license.
- c)** Devolutions Server Free is available at no cost. Customers who choose this option will need to have an active Remote Desktop Enterprise license.
- d)** Customers who want to access Devolutions Server via the web application or Devolutions Web Login need to purchase a Client Access License (CAL). At least one CAL is required. CALs are assigned to a unique user.
- e)** Devolutions Launcher lets users quickly and easily launch remote sessions from the Devolutions Server web interface. A Devolutions Launcher license includes one Launcher license and one user CAL.

ABOUT DEVOLUTIONS

Devolutions is a global software company that helps organizations worldwide control the IT chaos by maximizing security through highly-secure passwords, remote connections and privileged access management solutions. Since 2010, Devolutions has been a leading security partner with more than 800,000 users spread across 140 countries.

Its clientele includes such world-renowned companies as SpaceX, Shell, Loto-Québec, Walt Disney, NASDAQ, Dell, Sony, Microsoft, Pfizer, Airbnb and NASA.



For more information, please visit us at <https://devolutions.net>