



# Privileged Access Management – Fully Covered and Simply Delivered; At Enterprise Scale.

Discover the first access management solution that provides the three most critical access control tools needed across your entire organization – in one solution.

Even under the best of circumstances, the chances of a network eventually having an incident or breach can't be denied. Once inside, the malicious actor wants one thing – access! To control the movement of the malicious actor, access must be controlled. Controlling access prevents the malicious actor from moving laterally and gaining deeper access to the network's valuable assets. RevBits Privileged Access Management protects the network and employees first with powerful privileged access management, second with unique password management, and third with key & certificate control.

## Password Management

### CUSTOMIZABLE PASSWORD MANAGEMENT

Password management module supports authentication in common protocols such as web applications, SSH/RDP/VNC servers and more.

### HARDWARE TOKENS

Extend authentication security with hardware security modules (HSMs), smart cards, USB tokens, Near-Field Communications (NFC), and RFID technologies.

### COMPREHENSIVE PLATFORM COVERAGE

Native clients available in all major operating systems. Operating systems include Windows, Linux, MacOS, iOS, Android (OS) and browsers include Chrome, Firefox, Opera, Safari, IE and Edge.

### STOP ACQUISITION OF DATA IN MEMORY

Password manager will block unauthorized access to process memory.

## Key & Certificate Management

### COMPLETE KEY MANAGEMENT

Generate symmetric and asymmetric keys and encrypt, decrypt, sign and verify data, all in one module with comprehensive source code samples.

### PROTECTIVE SSL SCANNER

The SSL Scanner provides periodic updates on expiring certificates, identifies weak hashing algorithms (in certificates) and other weaknesses in SSL implementations.

### MULTIFACTOR AUTHENTICATION

Configurable to require the use of multifactor authentication for users to access network assets.

### COMPREHENSIVE DASHBOARD

RevBits Privileged Access Management dashboard provides administrators with a complete overview of the status of passwords, privileged sessions, keys and certificates.

### ENSURED DATA SECURITY

All data is encrypted and decrypted in the browser, never at the server – ensures that if server is breached only encrypted data is accessible. Keys never leave the device. (U.S. Patent)

## Privileged Access Management

### ACCESS GRANTING WORKFLOW

Request, review and approve the workflow of granting access to critical servers within the RevBits Privileged Access Management application.

### EPHEMERAL PASSWORDS

Temporary, single-use passwords are generated upon request to access critical servers, eliminating sharing of actual passwords.

### EXTENSIVE AUDIT LOGS

All privileged sessions are both video and keystroke recorded, including SSH, RDP and VNC connections.

## Benefits

### HIGH-END PRIVILEGE ACCESS MANAGEMENT

Revbits Privileged Access Management provides the ultimate security abstraction by leveraging ephemeral access control and detailed records so that users aren't able to circumvent password management system.

### USER SELECTABLE ALGORITHMS

Based on the information being protected choose which algorithm meets the level of security needed.

### CUSTOM SOFTWARE AND APP INTEGRATION

Choose where to integrate RevBits Privileged Access Management in any application, database, or microservice architecture through our API.

### AUTOMATED PASSWORD ROTATION

User definable password rotation and frequency so that selected passwords will automatically be changed.

### FULLY CUSTOMIZABLE

Create as many password storage-vaults as needed and specify options, access controls, encryption, two-factor authentication, sharing options, and more.

## Software Requirements

Operating Systems: Available on Windows, Linux, and MacOS (all versions)

Mobile Apps: Available for Android and iOS

Browser Environment: Accessible in any web browser

Available Web Browser Extensions: Chrome, Safari, Firefox, and Internet Explorer



**One Complete Solution to Cover All of Your Access Needs**

### ZERO-KNOWLEDGE ENCRYPTION

RevBits Privileged Access Management utilizes a zero-knowledge encryption model for maximum data security, where data encryption takes place on the device. The encrypted data is stored on the server and the encryption key never leaves the device. Encryption keys can be derived from user provided passwords (PBKDF) or from smart cards, HSM devices, USB keys, keyfiles and RFID/NFC tags.

### FULL INTEGRATION

RevBits Privileged Access Management can be integrated into different directory services including Microsoft AD, LDAP and event managements system i.e. SIEM. Additionally, for ease of integration, RevBits Privileged Access Management provides full API functionality with documentation and sample source code in all common programming languages.

### COMPLETE PASSWORD MANAGEMENT SOLUTION

RevBits Privileged Access Management Password Module includes native clients for all common operating systems and browsers, saves and files all web application passwords. The Password Module also automatically provides strong password suggestions based on minimum password policies. Additionally, zero-knowledge encryption is used to ensure safety and security of user passwords.

### MODERN, EASY-TO-USE AND COMPREHENSIVE

RevBits Privileged Access Management regulates access to critical resources, captures keystrokes and video records all privileged sessions. Fine-grained rules such as session length, days of the week, time of day and more control user access. Additionally, single-click server connections eliminate the common, complex process of accessing critical infrastructure.

### SIMPLIFY AND STREAMLINE KEY MANAGEMENT

Through the RevBits Privileged Access Management Key Management Module, users can easily generate and store encryption keys. The key management library, which includes sample source code in all common programming languages, simplifies the processes of encrypting, decrypting, signing and verifying data. This eliminates the need to store and safeguard the keys separately and write, test and implement cryptographic libraries.

### REAL-TIME CERTIFICATE MONITORING

Scheduled or on-demand scanning detects and identifies all SSL servers in the network. The RevBits Privileged Access Management Certificate Management Module reports all expired or soon-to-expire certificates and vulnerable implementations of SSL. The historical and current status of all SSL servers and certificates are displayed in an easy to navigate dashboard with a single-click export feature.