

**Remote Desktop
Manager**

TECHNICAL SPECIFICATIONS

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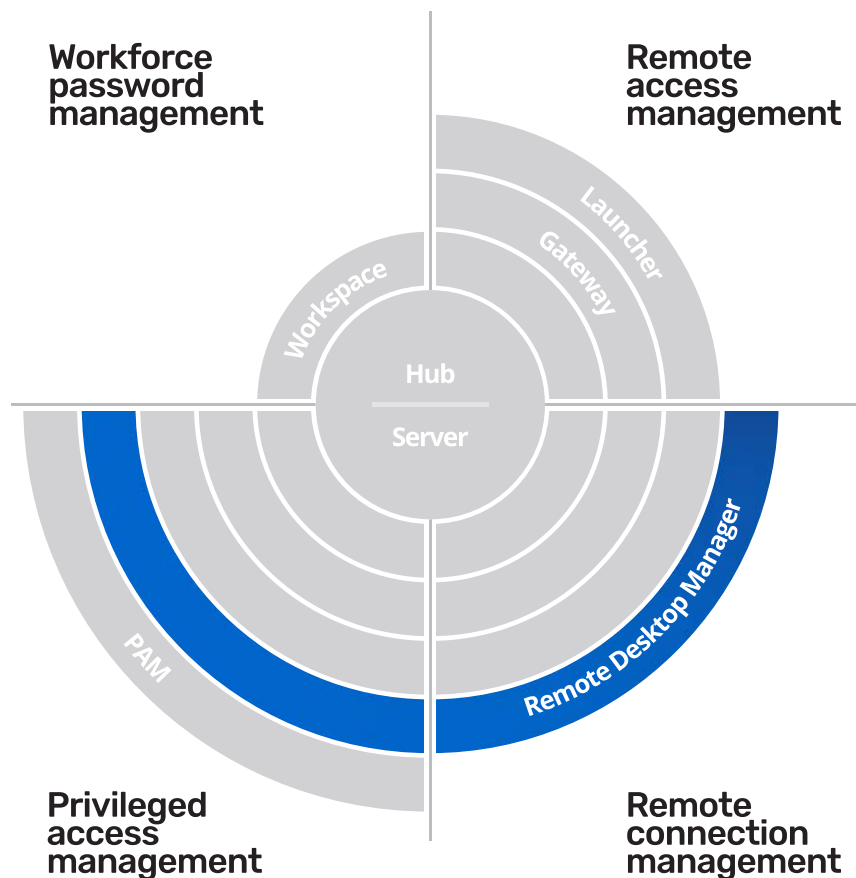
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Technical specifications

Remote Desktop Manager

Trusted by more than 1,000,000 IT pros worldwide, Remote Desktop Manager (RDM) centralizes remote connections on a single platform that users and teams can share securely.

This platform supports hundreds of integrated technologies, and features enterprise-grade password management tools, global and granular access controls, and robust mobile apps to complement desktop clients. Remote Desktop Manager empowers IT pros and departments to drive security, speed, and productivity across the organization, while reducing inefficiency, costs, and risk.



MINIMUM SYSTEM REQUIREMENTS

Hardware

- 1 GHz processor or faster
- 4GB RAM
- 1440x900 screen resolution
- 1.5 GB hard drive space
- Architecture: x86/64 and ARM64

Operating System	Supported Versions	Software Dependencies
Windows (desktop)	Windows 11 (21H2), Windows 10 (20H2, 21H1, 21H2)	.NET Framework 9.0, Microsoft Edge Web-View2 Runtime
Windows Server	Windows Server 2025, Windows Server 2022, Windows Server (20H2), Windows Server 2019, Windows Server 2016 (1607)	.NET Framework 9.0, Microsoft Edge Web-View2 Runtime
Linux	Any distribution that supports .NET 9.0, GTK, and Webkit	.NET 9.0
macOS	12.0 (Monterey) and later	.NET 9.0
Mobile	Android 12+, iOS 17+	N/A

Operating systems

Our installers manage any software dependencies automatically. A manual installation of the prerequisite software is only needed when the ZIP archive is used for deployment or when there is no Internet connection.

Terminal services and thin client support

RDM can be installed on Microsoft Terminal Services and thin clients. For thin clients, RDM can reduce specific caching tasks, reduce memory footprint, and disable some features to run smoothly on low-resource endpoints.

Manual/portable deployment

Deploying manually using our zip file is documented as a Portable (USB) deployment. In this case, the prerequisites will also need to be handled manually.

SECURITY SPECIFICATIONS

Data protection

- Our application uses the XChaCha20Poly1305 encryption algorithm to protect sensitive data in the database. Consult the [Devolutions cryptographic library](#) on GitHub for more details.
- The local Remote Desktop Manager data is encrypted using the Advanced Encryption Standard (AES) for computers running in FIPS mode.

Multi-factor authentication (MFA)

Authentication type	Available methods
Time-based (TOTP)	Google Authenticator, Microsoft Authenticator, any TOTP-compatible authenticator
Push notification	Duo Security
Email	Email verification codes
Hardware	YubiKey, FIDO2 devices
Third-party	RADIUS, Microsoft Entra ID, Okta, PingOne, RSA SecurID

Access control

- Time-based
- Role-based Access Control (RBAC)
- Discretionary Access Control (DAC)
- Privileged Access Management (PAM)

Offline access (with Remote Desktop Manager clients)

- Industry-standard AES-256-CBC encryption for all offline data
- Secure password-based key generation using PBKDF2-SHA256
- Configurable access controls for offline mode
- Enforces strict password and security requirements
- Automatic secure wiping of sensitive data after expiration
- MFA supported

COMPLIANCE AND CERTIFICATIONS

Security certifications

- SOC 2 Type II certified
- ISO 27001:2022 certified
- ISO 27701 certified

Regulatory compliance

- GDPR compliant
- SOC 3 certified

DATA SOURCES

Data sources are at the heart of Remote Desktop Manager; they are the containers that hold all entries. Although you may configure multiple data sources of mixed types within the application, only one may be active at a time. It is easy to switch from one data source to another. Upon the first launch, RDM will ask you to create a new data source.

Here is a list of all supported data sources in RDM:

Data source	Minimum supported edition	Description
XML	Solo	The XML Data Source is a lightweight, file-based storage option that stores data in a human-readable XML format. It is ideal for single users working across multiple computers and features automatic refresh capabilities, configurable backups, and basic security options like master key password protection.
Devolutions Hub Personal	Solo	The Hub Personal data source is a cloud-based storage solution that provides secure remote access to your data. It features offline mode capabilities, automatic synchronization, and private vault support, making it ideal for individual users who need both cloud accessibility and local data access.
SQLite	Solo	The SQLite data source is a file-based database solution that offers robust security through password protection and encryption. It features configurable caching, auto-refresh capabilities, and advanced performance settings, including connection pooling and journal modes. It also has built-in support for connection logging and file attachments. It's best suited for single users.
SQL Server	Team	The SQL Server data source is an enterprise-grade solution that provides robust security through multiple authentication methods (Windows, SQL Server, and Azure AD), comprehensive role-based access control, and repository-level security. It supports concurrent multi-user access with connection pooling and load balancing while offering advanced features like business unit management, configurable caching, and auto-refresh capabilities. With built-in support for connection logs and file attachments, it's designed for large organizations requiring secure, scalable, and centralized credential management.

Data source	Minimum supported edition	Description
Azure SQL	Team	The Azure SQL data source combines the enterprise features of SQL Server with Azure-specific capabilities. It offers cloud-native authentication through Azure Active Directory (Password, Integrated, and Interactive modes), built-in high availability, and automatic scaling. It includes specialized database creation options with configurable editions and service objectives while maintaining support for connection logs and file attachments. This data source is ideal for organizations leveraging Azure cloud infrastructure while requiring secure, scalable credential management.
CyberArk	Team	The CyberArk data source provides enterprise-grade Privileged Access Management (PAM) integration with multiple authentication methods, including CyberArk native, LDAP, RADIUS, SAML, and PKI. It features deep integration with CyberArk's Password Vault Web Access (PVWA), Application Access Manager (AAM), and supports both shared and user vaults. The data source includes advanced security features such as RSA SecurID integration, MFA support with customizable delimiters, and automated credential retrieval through the CyberArk API. It's designed for organizations requiring robust privileged account management and secure remote access capabilities.
Devolutions Server	Team	Devolutions Server is a self-hosted secure vault solution offering enterprise-grade credential management with multiple authentication methods (Windows, custom credentials, pre-authentication proxy), comprehensive Privileged Access Management (PAM) with approval workflows and checkout policies, multi-vault architecture supporting both shared and private vaults, offline mode capabilities with intelligent caching, and granular access controls. This data source is ideal for organizations requiring complete control over their credential management infrastructure while maintaining high-security standards through features like role-based access, detailed activity logging, and repository-level security.
Devolutions Hub Business	Team	Devolutions Hub (Business) is an enterprise-grade secure vault and credential management solution offered as a hosted repository by Devolutions, accessible via the web without VPN requirements. It features multi-vault architecture, role-based security (subscription required), offline mode support, and advanced security features, including multi-factor authentication and granular permissions. The platform provides comprehensive credential management with audit logging and automation capabilities through PowerShell and API integration, making it ideal for organizations requiring secure, centralized credential management.

SUPPORTED ENTRY TYPES

Entry type	Category
Basic contact information	Contacts (Core records)
Company	Contacts (Enterprise)
Customer	Contacts (Enterprise)
Employee	Contacts (Enterprise)
Site	Contacts (Enterprise)
Supplier	Contacts (Enterprise)
Support	Contacts (Enterprise)
Team/Department	Contacts (Enterprise)
Family	Contacts (Personal)
API keys	Credentials
Custom (Flexible credential format for unique requirements)	Credentials
One-time passwords (OTP)	Credentials
Password lists	Credentials
Secrets	Credentials
SSH keys	Credentials
Username and password	Credentials
X.509 certificates	Credentials
Active Directory	Dashboards
Amazon Web Services (AWS) infrastructure	Dashboards
Microsoft Entra ID	Dashboards
Microsoft Hyper-V	Dashboards
Microsoft Remote Desktop Server (RDS)	Dashboards
SSH keys	Dashboards
VMware	Dashboards
Document	Documents (Content creation and editing)
HTML editor	Documents (Content creation and editing)
Rich Text Editor	Documents (Content creation and editing)
Spreadsheet editor	Documents (Content creation and editing)
Text editor	Documents (Content creation and editing)
HTML documents	Documents (Document formats)
PDF files	Documents (Document formats)
Text files	Documents (Document formats)
XML files	Documents (Document formats)
Email messages	Documents (Media and communications)
Images	Documents (Media and communications)
Phonebook entries	Documents (Media and communications)
Video files	Documents (Media and communications)

Certificates	Documents (Technical files)
Data source configuration (.rdd)	Documents (Technical files)
Dell iDRAC (Web)	Hardware management interfaces
HP iLO (Web)	Hardware management interfaces
Door and alarm codes	Information (Access and security)
Email accounts	Information (Access and security)
Wi-Fi credentials	Information (Access and security)
Bank accounts	Information (Financial)
Credit card information	Information (Financial)
Cryptocurrency storage details	Information (Financial)
Insurance information	Information (Financial)
Safety deposit details	Information (Financial)
Driver's licenses	Information (Identity documents)
Membership cards	Information (Identity documents)
Passports	Information (Identity documents)
Social Security Numbers	Information (Identity documents)
Custom information entries	Information (Other assets)
Secure notes	Information (Other assets)
Vehicle information	Information (Other assets)
Desktop	IT asset management (End user devices)
Laptop	IT asset management (End user devices)
Phone	IT asset management (End user devices)
Tablet	IT asset management (End user devices)
Appliance	IT asset management (Infrastructure and network)
Firewall	IT asset management (Infrastructure and network)
Hub	IT asset management (Infrastructure and network)
IP address list	IT asset management (Infrastructure and network)
Network storage (NAS)	IT asset management (Infrastructure and network)
Router	IT asset management (Infrastructure and network)
Server	IT asset management (Infrastructure and network)
Switch	IT asset management (Infrastructure and network)
Wireless router	IT asset management (Infrastructure and network)
IT asset (printer, monitor, cable, etc.)	IT asset management (Management and tracking)
Software license / Serial number	IT asset management (Management and tracking)
System information report	IT asset management (Management and tracking)
Keyboard	IT asset management (Peripherals)
Monitor	IT asset management (Peripherals)
Mouse	IT asset management (Peripherals)
Printer	IT asset management (Peripherals)

AutoHotKey	Macros/Script/Tools (Automation tools)
AutoIt	Macros/Script/Tools (Automation tools)
Jitbit Macro Recorder	Macros/Script/Tools (Automation tools)
Typing Macro	Macros/Script/Tools (Automation tools)
Report (custom)	Macros/Script/Tools (Custom solutions)
Template	Macros/Script/Tools (Custom solutions)
Database query	Macros/Script/Tools (Scripting languages)
JavaScript	Macros/Script/Tools (Scripting languages)
PowerShell (local and remote)	Macros/Script/Tools (Scripting languages)
Shell script	Macros/Script/Tools (Scripting languages)
Command line	Macros/Script/Tools (System tools)
Psexec	Macros/Script/Tools (System tools)
Terminal command	Macros/Script/Tools (System tools)
WMI	Macros/Script/Tools (System tools)
ControlUp	Monitoring and analytics
SNMP report	Monitoring and analytics
Splunk	Monitoring and analytics
Apple Remote Management	Remote administration tools
Microsoft Remote Desktop Gateway	Remote administration tools
Microsoft Windows Admin Center	Remote administration tools
RDPSoft Remote Desktop Commander	Remote administration tools
Cisco VPN	VPN/Tunnel/Gateway (Enterprise VPN solutions)
FortiClient IPsec	VPN/Tunnel/Gateway (Enterprise VPN solutions)
FortiClient VPN / SSL	VPN/Tunnel/Gateway (Enterprise VPN solutions)
SonicWall NetExtender	VPN/Tunnel/Gateway (Enterprise VPN solutions)
SonicWall VPN	VPN/Tunnel/Gateway (Enterprise VPN solutions)
Sophos VPN	VPN/Tunnel/Gateway (Enterprise VPN solutions)
Azure Bastion	VPN/Tunnel/Gateway (Microsoft solutions)
Microsoft RD Gateway	VPN/Tunnel/Gateway (Microsoft solutions)
Microsoft VPN	VPN/Tunnel/Gateway (Microsoft solutions)
OpenVPN GUI	VPN/Tunnel/Gateway (Open source and third-party)
TheGreenBow IPSEC VPN Client	VPN/Tunnel/Gateway (Open source and third-party)
Tunnelblick	VPN/Tunnel/Gateway (Open source and third-party)
Apple VPN	VPN/Tunnel/Gateway (Platform-specific)
Custom VPN	VPN/Tunnel/Gateway (Platform-specific)
Proxy tunnel (HTTP, SOCKS4, SOCKS5)	VPN/Tunnel/Gateway (Tunneling and SSH)
SSH	VPN/Tunnel/Gateway (Tunneling and SSH)
SSH Gateway	VPN/Tunnel/Gateway (Tunneling and SSH)

ADD-ON INTEGRATIONS

Add-ons let RDM work with external applications, enabling launch capabilities from RDM and managing them directly from within RDM's interface. This creates a central hub for all your remote access tools, with RDM handling the secure passing of credentials and connection management.

Below, you'll find a comprehensive list of all supported add-ons.

Product	Category
Ammyy Admin	Remote access and control
Anyplace Control	Remote access and control
Axel Technology Axel Viewer	Remote access and control
Atelier Web Remote Commander Pro	Remote access and control
Ericom Blaze	Remote access and control
Fast Viewer	Remote access and control
Iperius Remote	Remote access and control
ISL Online ISL Light Desk	Remote access and control
Netop Remote Control Guest	Remote access and control
NetSupport Manager	Remote access and control
NoMachine	Remote access and control
Microcreative TotalVNC	Remote access and control
Remote Utilities Viewer	Remote access and control
SimpleHelp	Remote access and control
Nanosystems Supremo	Remote access and control
Database 4Net	Database management
DBeaver	Database management
DbVisualizer	Database management
HeidiSQL	Database management
Oracle MySQL (GUI)	Database management
Oracle MySQL Workbench	Database management
PremiumSoft Navicat Premium	Database management
PostgreSQL pgAdmin 3	Database management
Microsoft SQL Server Management Studio (SSMS)	Database management
Quest Toad	Database management
Barracuda CloudGen Firewall	General network and security
Bitvise Secure Shell (SSH) Client	General network and security
Check Point Smart Console	General network and security
Cisco Adaptive Security Device Manager (ASDM)	General network and security
Rohde & Schwarz Cybersecurity Gateprotect	General network and security
Citrix ADC	General network and security
VanDyke Software SecureCRT	General network and security
VanDyke Software SecureFX	General network and security
AT&T Global Network Client for Windows	VPN tools

Barracuda CloudGen Access	VPN tools
Check Point Endpoint Security VPN	VPN tools
Cisco AnyConnect VPN	VPN tools
F5 BIG-IP Edge Client	VPN tools
F-Secure IPSec VPN Client	VPN tools
Generic VPN	VPN tools
IBM Softlayer VPN	VPN tools
Pulse Secure Client	VPN tools
Juniper Network Connect	VPN tools
Juniper VPN	VPN tools
Juniper Web Secure Application Manager (WSAM)	VPN tools
NCP Secure Entry	VPN tools
OpenVPN Connect	VPN tools
Shrew Soft VPN	VPN tools
Sophos Connect Client	VPN tools
Sparklabs Viscosity	VPN tools
WatchGuard Mobile VPN	VPN tools
WatchGuard SSL VPN	VPN tools
WireGuard VPN	VPN tools
Barracuda Network Access Control (NAC) VPN	VPN tools
Windows Telnet Client	Terminal and SSH
NoMachine Network eXecutive (NX) Client	Terminal and SSH
siliconcircus PenguinNet	Terminal and SSH
Ericom PowerTerm Pro	Terminal and SSH
Tera Term	Terminal and SSH
X2Go	Terminal and SSH
NetSarang XManager	Terminal and SSH
NetSarang Xshell	Terminal and SSH
EmTec Zoc Terminal	Terminal and SSH
FlashFXP Session	File transfer and management
SmartFTP	File transfer and management
Parallels Client	Enterprise systems
HP Integrated Lights Out (iLO)	Enterprise systems
IBM i Access Client Solutions	Enterprise systems
IBM Personal Communications (PCOMM) for Windows	Enterprise systems
SAP GUI	Enterprise systems
SAP HANA Studio	Enterprise systems
SAP MaxDB Database Studio	Enterprise systems
SAP NetWeaver	Enterprise systems
Microsoft System Center Configuration Manager (SCCM) 2012	Enterprise systems
SuperMicro Intelligent Platform Management Interface (IPMI) Utilities	Enterprise systems

Royal TS for Windows	Virtualization and management
RobWare RV Tools	Virtualization and management
Teradici PCoIP Remote Workstation Access	Virtualization and management
Veeam Backup & Replication Console	Virtualization and management
VMware Horizon Client	Virtualization and management
BeyondTrust Remote Support	Other tools
Oracle Java Web Start	Other tools
Proxy Session	Other tools
Sophos Sandboxie	Other tools
tunXten	Other tools
XMail	Other tools

IMPORTING DATA

RDM supports and manages dozens of different data types and allows you to import data from many sources. It reads data stored by a particular product, such as remote sessions, passwords, website connections, etc. It then converts this data into standard RDM entries or credentials that the RDM database can understand and interact with.

RDM can import product data in two ways: through a **one-time import task** or via a **synchronizer entry type**. When you set up a synchronizer entry, RDM periodically polls the product data and regularly pulls in any new information.

Product	Import creates type	Import creates subtype	Import frequency	Import medium
Microsoft Active Directory	Entry	RDP, Group	One-time, synchronizer	Active Directory domain controller
Lansweeper	Entry	IT asset entry	One-time, synchronizer	API
Spiceworks	Entry	RDP, SSH terminal, VNC, Website	One-time	API
Amazon EC2	Entry		One-time, synchronizer	API
Microsoft Azure	Entry	RDP, Azure Blob Storage		
Microsoft Hyper-V	Entry	RDP	One-time, synchronizer	API
Bitwarden	Credential	Secure note, Website	One-time, synchronizer	CSV file, API
Keepass	Credential, Entry	Password list, API key, Connection string, Personal credential, Document	One-time, synchronizer	CSV File, XML File
FlashFXP	Entry		One-time	FlashFXP database file
BozTech VNCSan	Entry		One-time	VNCSan database file
FileZilla	Entry	FTP	One-time	XML file
ISL Online ISL Light	Entry		One-time	API
Proxy Networks Proxy Master	Entry		One-time	Open session
IBM SAPGUI	Entry		One-time	INI file, XML file
SmartSoft SmartFTP	Entry		One-time	XML file
WinSCP	Entry		One-time	INI file
VanDyke Software SecureCRT	Entry		One-time	Open session

VanDyke Software SecureFX	Entry		One-time	Open session
	Entry	Website, SSH Terminal, VNC, PowerShell Remote, Active Directory Connection	One-time	Network scan
CoRD	Entry	RDP	One-time	
DameWare	Entry	DameWare	One-time	DameWare database
LogMeIn	Entry	LogMeIn	One-time	RSS feed
MobaXTerm	Entry	SSH terminal, Telnet, RDP, VNC, FTP, Document, File Explorer, Website	One-time	MXTSESSIONS file, INI file
mRemote	Entry	RDP, VNC, SSH terminal, Telnet, Putty, Citrix (Web), Command line	One-time	XML file
MTPutty	Entry		One-time	XML file
PuTTY	Entry		One-time	Open session
RDCMan	Entry		One-time	RDG file
RDTabs	Entry		One-time	XML file
Real VNC	Entry, Contact		One-time	VNC file
RoyalTS	Entry		One-time	RTS file, RTSX File, RTSZ File
SuperPutty	Entry		One-time	XML file
Teamviewer Manager	Entry		One-time	TeamViewer database file
Terminals	Entry		One-time	XML file
Rocket Remote Desktop	Entry		One-time	VRE file, VRD file, VRB file, RDE file, CSV file
Port Forward	Entry		One-time	CSV file
RDP file	Entry		One-time	RDP file
Google Chrome	Credential		One-time	CSV file
Dashlane	Credential		One-time	CSV file
DataVault	Credential		One-time	CSV file
Microsoft Edge	Credential		One-time	CSV file
EnPass	Credential, Entry	Website	One-time	CSV file
Mozilla Firefox	Credential		One-time	CSV file
KeePassXC	Credential		One-time	CSV file
LastPass	Credential		One-time	CSV file
1Password	Credential		One-time	CSV file
Passpack	Credential		One-time	CSV file
Passportal	Credential		One-time	CSV file
Password Agent	Credential		One-time	XML file
Password Depot	Credential		One-time	CSV file
Password Safe	Credential		One-time	PSAFE3 file
RoboForm	Credential		One-time	HTML Passcard, CSV file

SplashID	Credential		One-time	CSV file
Sticky Passwords	Credential		One-time	XML file
RDM	Data source	Data source	One-time	RDD file
VMware vSphere	Entry	VMware Remote Console, VMware dashbord	One-time, Synchronizer	API
RDM	Vault	Vault	One-time	JSON file
RDM	Entry		One-time, Synchronizer	RDM file
VCard file	Contact		One-time	VCard file

OPEN-SOURCE COMPONENTS

Many open-source components power Remote Desktop Manager as part of our commitment to transparency, innovation, and providing top-tier performance and features. Below is a comprehensive list of the open-source components contributing to RDM's functionality across various features and capabilities.

Name	Website	Source	Usage
OpenMCDF	OpenMCDF - .net component for ole compound file storage format	OpenMCDF	Offline / Cache
Amazon Web Services SDK	AWS SDK for .NET	GitHub - aws/aws-sdk-net: The official AWS SDK for .NET. For more information on the AWS SDK for .NET, see our web site.	AWS Explorer / Sticky Password
Bouncy Castle Crypto	BouncyCastle.Cryptography 2.5.1, GitHub - bcgit/bc-csharp: BouncyCastle.NET Cryptography Library (Mirror)	GitHub - bcgit/bc-csharp: BouncyCastle.NET Cryptography Library (Mirror)	Bitcoin / Secure, AI-Powered Content Management, Workflow & Collaboration / Native messaging / Netwrix / 1Password
Diffplex	GitHub - mmanela/diffplex: DiffPlex is Netstandard 2.0+ C# library to generate textual diffs.	GitHub - mmanela/diffplex: DiffPlex is Netstandard 2.0+ C# library to generate textual diffs.	Compare XML
Itenso	CodeProject	GitHub - Shereef/RTF-to-HTML-Converter-Class-Library-DLL: In this Project i made an RTF to HTML Converter Class Library based on: Writing Your Own RTF Converter By Jani Giannoudis 26 Apr 2011	RTF Converter
JSON to C# Converter Tool Iron Software	Json.NET - Newtonsoft	GitHub - JamesNK/Newtonsoft.Json: Json.NET is a popular high-performance JSON framework for .NET	Chrome Remote Desktop / 1Password / TeamPass / TrueKey / Native messaging
RestSharp	web4	GitHub - restsharp/RestSharp: Simple REST and HTTP API Client for .NET	Sticky Password / Twilio
sqlite.net ??? domain for sale	SQLite Home Page	System.Data.SQLite: Top-level Files of trunk	SQLite data source (Local data source is the default name)
OneDrive API	GitHub - KoenZomers/OneDriveAPI: API in .NET Framework 4.8.0, .NET Core 3.1 and .NET 6.0 to communicate with OneDrive Personal and OneDrive for Business	GitHub - KoenZomers/OneDriveAPI: API in .NET Framework 4.8.0, .NET Core 3.1 and .NET 6.0 to communicate with OneDrive Personal and OneDrive for Business	One Drive explorer

OTP Sharp	https://bitbucket.org/devinmartin/otp-sharp/wiki/Home	https://bitbucket.org/devinmartin/otp-sharp/src	2FA through Devolutions.OTP (We don't directly use the library, but our code for Devolutions.OTP is based on it)
Dropbox.NET	.NET - Developers - Dropbox	GitHub - dropbox/dropbox-sdk-dotnet: The Official Dropbox APLV2 SDK for .NET	DropBox explorer
LibSodium	https://libsodium.org	GitHub - jedisct1/libsodium: A modern, portable, easy to use crypto library.	Native messaging
Html Agility Pack	Html Agility Pack	GitHub - zzzprojects/html-agility-pack: Html Agility Pack (HAP) is a free and open-source HTML parser written in C# to read/write DOM and supports plain XPATH or XSLT. It is a .NET code library that allows you to parse "out of the web" HTML files.	Favicon / Password Manager
IdentityModel extensions for .Net	Microsoft.IdentityModel.Tokens 8.9.0	GitHub - AzureAD/azure-activedirectory-identitymodel-extensions-for-dotnet: IdentityModel extensions for .Net	Lucid
ADAL.NET	Microsoft.IdentityModel.Clients.ActiveDirectory 5.3.0	GitHub - AzureAD/azure-activedirectory-library-for-dotnet: ADAL authentication libraries for .net	Lucid, SQL Server / Azure
Microsoft Authentication Library (MSAL)	Microsoft.Identity.Client 4.71.1	GitHub - AzureAD/microsoft-authentication-library-for-dotnet: Microsoft Authentication Library (MSAL) for .NET	SQL Server / Azure
QRCode	GitHub - codebude/QRCode: A pure C# Open Source QR Code implementation	GitHub - codebude/QRCode: A pure C# Open Source QR Code implementation	OTP
websocket-sharp	websocket-sharp	GitHub - sta/websocket-sharp: A C# implementation of the WebSocket protocol client and server	VMware
OIDCClient	IdentityModel.OidcClient 6.0.0-preview.3	GitHub - DuendeArchive/IdentityModel.OidcClient: Certified C#/NetStandard OpenID Connect Client Library for native mobile/desktop Applications (RFC 8252)	Lucid
.NET Extensions	GitHub - dotnet/extensions: This repository contains a suite of libraries that provide facilities commonly needed when creating production-ready applications.	GitHub - dotnet/extensions: This repository contains a suite of libraries that provide facilities commonly needed when creating production-ready applications.	Application backend
System.Diagnostics.DiagnosticSource	GitHub - dotnet/corefx: This repo is used for servicing PR's for .NET Core 2.1 and 3.1. Please visit us at https://github.com/dotnet/runtime	GitHub - dotnet/corefx: This repo is used for servicing PR's for .NET Core 2.1 and 3.1. Please visit us at https://github.com/dotnet/runtime	Application backend
CsvHelper	A .NET library for reading and writing CSV files. Extremely fast, flexible, and easy to use. CsvHelper	GitHub - JoshClose/CsvHelper: Library to help reading and writing CSV files	RDM Csv Import
KeeperSdk	GitHub - Keeper-Security/Commander: Keeper Commander is a python-based CLI and SDK interface to the Keeper Security platform. Provides administrative controls, reporting, import/export and vault management.	GitHub - Keeper-Security/Commander: Keeper Commander is a python-based CLI and SDK interface to the Keeper Security platform. Provides administrative controls, reporting, import/export and vault management.	Keeper
Kveer.XmlRPC	GitHub - LordVeovis/xmlrpc: A port of CookComputing.XmlRpc-v2 for dotnet core 2	GitHub - LordVeovis/xmlrpc: A port of CookComputing.XmlRpcV2 for dotnet core 2	XenServer

Google Protocol Buffers	GitHub - protocolbuffers/protobuf: Protocol Buffers - Google's data interchange format	GitHub - protocolbuffers/protobuf: Protocol Buffers - Google's data interchange format	Keeper
ipnumbers	https://www.codeproject.com/Articles/2553/IP-list-Check-an-IP-number-against-a-list-in-C	https://www.codeproject.com/script/Articles/View-Downloads.aspx?aid=2553	IP List entry
Simple HTTP Server	CodeProject	https://www.codeproject.com/script/Articles/View-Downloads.aspx?aid=137979	Used for the Credential Resolvers
Konscious.Security.Cryptography.Argon2	Konscious.Security.Cryptography.Argon2 1.3.1	GitHub - kmaragon/Konscious.Security.Cryptography	PasswordManagerAccess
Konscious.Security.Cryptography.Blake2	Konscious.Security.Cryptography.Blake2 1.1.1	GitHub - kmaragon/Konscious.Security.Cryptography	PasswordManagerAccess
U2fWin10	U2fWin10 2.2.0	GitHub - detunized/u2f-win10-sharp	Dashlane, Bitwarden
Password ManagerAccess	PasswordManagerAccess 22.0.3	GitHub - detunized/password-manager-access: Password Manager Access for .NET in C#	Dashlane, Bitwarden, 1Password, Roboform, ZohoVault, Truekey, LastPass
VirtualDesktop	VirtualDesktop 5.0.5	GitHub - Grabacr07/VirtualDesktop: C# wrapper for the Virtual Desktop API on Windows 11.	VirtualDesktop
iCal.Net	Ical.Net 4.3.1	GitHub - ical-org/ical.net: iCal.NET - iCalendar library for .Net	Expiration management
NodaTime	NodaTime 3.2.2	GitHub - nodatime/nodatime: A better date and time API for .NET	Expiration management
Nager.PublicSuffix	Nager.PublicSuffix 3.5.0	GitHub - nager/Nager.PublicSuffix: .NET public suffix domain parser	HTTP Browser Linker
Public Suffix List	Public Suffix List	GitHub - publicsuffiX/list: The Public Suffix List	HTTP Browser Linker
Google Apis	Google.Apis 1.69.0	GitHub - googleapis/google-api-dotnet-client: Google APIs Client Library for .NET	Google Drive entry
VaultSharp	Vault HashiCorp Developer	GitHub - rajanadar/VaultSharp: A comprehensive cross-platform .NET Library for HashiCorp's Vault, a secret management tool	HashiCorp Vault Credential
KNUCKLEHEAD.INC	GitHub - Handlebars-Net/Handlebars.Net: A real .NET Handlebars engine	GitHub - Handlebars-Net/Handlebars.Net: A real .NET Handlebars engine	HTML templating
Azure Identity	Azure.Identity 1.13.2	GitHub - Azure/azure-sdk-for-net: This repository is for active development of the Azure SDK for .NET. For consumers of the SDK we recommend visiting our public developer docs at https://learn.microsoft.com/dotnet/azure/ or our versioned developer docs at https://azure.github.io/azure-sdk-for-net.	Azure Key Vault Credential
Azure Security Key Vault Secrets	Azure.Security.KeyVault.Secrets 4.7.0	GitHub - Azure/azure-sdk-for-net: This repository is for active development of the Azure SDK for .NET. For consumers of the SDK we recommend visiting our public developer docs at https://learn.microsoft.com/dotnet/azure/ or our versioned developer docs at https://azure.github.io/azure-sdk-for-net.	Azure Key Vault Credential
WindowsHello	HaemmerElectronics.SeppPenner.WindowsHello 1.1.4	GitHub - SeppPenner/WindowsHello: WindowsHello is an assembly/ library to work with Microsoft's Windows Hello in applications.	Application lock
SharpZipLib	SharpZipLib 1.4.2	GitHub - icsharpcode/SharpZipLib: #ziplib is a Zip, GZip, Tar and BZip2 library written entirely in C# for the .NET platform.	File compression

ZXing.NET Generate QR Code & Barcode in C# Alternatives IronBarcode	ZXing.Net 0.16.10	GitHub - micjahn/ZXing.Net: .Net port of the original java-based barcode reader and generator library zxing	QRCode loader for OTP
Microsoft.Web.WebView2	Microsoft.Web.WebView2 1.0.3240.44	Introduction to Microsoft Edge WebView2 - Microsoft Edge Developer documentation	WebView2 (edge embedded)
SMBLibrary	SMBLibrary 1.5.4	GitHub - TalAloni/SMBLibrary: Free, Open Source, User-Mode SMB 1.0/CIFS, SMB 2.0, SMB 2.1 and SMB 3.0 server and client library	SMB entry
TinyMCE	The Most Trusted & Feature-rich WYSIWYG Rich Text Editor TinyMCE	TinyMCE 7.8.0	Documentation (HTML)
TOAST UI Editor	Editor	GitHub - nhn/tui.editor: Markdown WYSIWYG Editor, GFM Standard + Chart & UML Extensible.	Documentation (Markdown)
EFF's Long Wordlist	Electronic Frontier Foundation	https://www.eff.org/files/2016/07/18/eff_large_wordlist.txt	Passphrase dictionary
Freelang french dictionary	FREELANG - Dictionnaires gratuits à télécharger et Service d'aide à la traduction	Dictionnaire FREELANG - Liste de mots français	Passphrase dictionary
Zeroconf	GitHub - novotnyllc/Zeroconf: Bonjour support for .NET Core, .NET 4.6, Xamarin, and UWP	GitHub - novotnyllc/Zeroconf: Bonjour support for .NET Core, .NET 4.6, Xamarin, and UWP	Network discovery
HaemmerElectronics.SeppPenner.WindowsHello	HaemmerElectronics.SeppPenner.WindowsHello 1.1.4	GitHub - SeppPenner/WindowsHello: WindowsHello is an assembly/ library to work with Microsoft's Windows Hello in applications.	Windows Hello
Sodium.Core	Sodium.Core 1.4.0	GitHub - ektrah/libsodium-core: libsodium for .NET - A secure cryptographic library	Network discovery
MsgPack	MsgPack.Cli 1.0.1	GitHub - msgpack/msgpack-cli: MessagePack implementation for Common Language Infrastructure / msgpack.org[C#]	Devolutions RPC
MessagePack	MessagePack 3.1.3	GitHub - MessagePack-CSharp/MessagePack-CSharp: Extremely Fast MessagePack Serializer for C#(.NET, .NET Core, Unity, Xamarin). / msgpack.org[C#]	Netwrix Password Secure (formerly Mateso Password Safe)
OpenSearch.Client	OpenSearch.Client 1.8.0	GitHub - opensearch-project/opensearch-net: OpenSearch .NET Client	Telemetry
ZipStorer	ZipStorer 4.1.0	GitHub - jaime-olivares/zipstorer: A Pure C# Class to Store Files in Zip	Devolutions Updater
InputSimulator	GitHub - michaelnoonan/inputsimulator: Windows Input Simulator (C# SendInput Wrapper - Simulate Keyboard and Mouse)	GitHub - michaelnoonan/inputsimulator: Windows Input Simulator (C# SendInput Wrapper - Simulate Keyboard and Mouse)	Macro
SharpCompress	GitHub - adamhathcock/sharpcompress: SharpCompress is a fully managed C# library to deal with many compression types and formats.	GitHub - adamhathcock/sharpcompress: SharpCompress is a fully managed C# library to deal with many compression types and formats.	File compression
Monaco Editor	Monaco Editor	GitHub - microsoft/monaco-editor: A browser based code editor	Code Editor
Avalonia	https://avaloniaui.net	GitHub - AvaloniaUI/Avalonia: Develop Desktop, Embedded, Mobile and WebAssembly apps with C# and XAML. The most popular .NET UI client technology	User Interface
protobuf-net	GitHub - protobuf-net/protobuf-net: Protocol Buffers library for idiomatic .NET	GitHub - protobuf-net/protobuf-net: Protocol Buffers library for idiomatic .NET	Delinea Secret Server

LOGGING AND AUDITING

RDM provides comprehensive logging capabilities that help organizations track user activity, monitor system usage, and maintain security compliance across their remote access infrastructure.

Category	Activity
Connection management	Connection created, updated, or removed
Connection management	Connection copied
Connection management	Connection exported
Connection management	Connection properties viewed
Credential access	Password viewed/copied
Credential access	Username viewed/copied
Credential access	Domain viewed/copied
Credential access	One-time password viewed/copied
Credential access	Connection string viewed
Attachments	Attachment created, updated, or removed
User management	User created, updated, or removed
User management	User reset password
User management	User reset MFA
Group management	Group created, updated, or removed
Role management	Role Created, updated, or removed
Repository management	Repository created, updated, or removed
Repository management	Vault master password changed
Access requests	Temporary access request lifecycle (sent, approved, denied, cancelled)
VPN operations	VPN session started/ended
Document management	Document created or updated
Document management	Documents exported
Log management	Logs and history cleared
Reports	Report opened
Terminal operations	Terminal script execution
Recording	Remote recording session (started, stopped, interrupted)

REPORTING

RDM's detailed reports help evaluate your enterprise's level of information security and enhance control over access to privileged accounts.

Name	Category	Description
Credential entry references	Entry	Provides a detailed overview of all connections that utilize credential entries, highlighting their linked connections and associated details
Password usage	Security	Provides insights into the utilization of passwords across various entries, detailing the frequency and context in which passwords are accessed or modified within the system.
Password complexity	Security	Provides an analysis of password strength and complexity across entries, identifying weak or non-compliant passwords to enhance security measures.
Password analyzer	Security	Evaluates the security of stored passwords by assessing their strength and compliance with security policies.
Local security dashboard	Security	Provides a comprehensive overview of local security settings and configurations, highlighting potential vulnerabilities and areas for improvement.
Local administrator list	Password and Security	Lists all local administrator accounts on the system, providing details about each account to help manage and audit administrative access.
Entry security analyzer	Password and Security	Evaluates the security configurations of individual entries, focusing on password policies, access permissions, and compliance with organizational security standards.
Deleted entries	Logs and History	Tracks and reports on entries that have been deleted, providing details on the deletion event to assist with auditing and recovery processes.
Software licenses	IT Asset Management	Monitors and reports on software licenses within the organization, detailing usage and compliance to ensure adherence to licensing agreements.
Expired warranties	IT Asset Management	Reports on expired warranties, providing details on affected assets to facilitate timely renewals or replacements.
Expired software	IT Asset Management	Reports on expired software licenses, detailing affected software to ensure compliance and facilitate timely renewals or updates.
Asset Overview	IT Asset Management	Provides details such as asset type, location, purchase date, warranty status, and current user, offering a comprehensive view of the organization's assets for effective management and tracking.

Asset accounting overview	IT Asset Management	Summarizes financial details related to assets, including purchase costs, depreciation values, and total asset value, to support financial planning and asset management.
Expired passports	Expiration	Reports on expired passport entries within the system, providing details on affected entries to ensure timely updates and compliance with security protocols.
Expired entry list	Expiration	Lists entries that have expired, detailing the expiration date and associated information to assist in managing and updating records.
VPN references	Entry	Lists all VPN connections and their references within the system, providing details on linked entries and usage to facilitate network management and security auditing.
VPN groups	Entry	Organizes and reports on VPN connections grouped by specific criteria, detailing each group's configuration and associated entries to streamline management and enhance security oversight.
Entry validity	Entry	The Entry Validity report checks entry data accuracy by pinging entries to verify their online status, providing results that highlight unreachable or outdated entries for IT professionals to address.
Entry status	Entry	Provides outputs such as the current status of each connection (e.g., online, offline, error), any status messages associated with the connections, and details about the connection type and last activity.
Entry list	Entry	Lists all entries in the current data source by folder and connection type in one pane.
Entry information	Entry	Generates customizable reports detailing connection information, including computer details, contact info, and other configurable fields.
Duplicate entry list	Entry	Identifies duplicate entries.
Activity		Provide a comprehensive record of user actions and system events, capturing details such as login attempts, changes made to entries, and other significant interactions.
Checkout	Security	Provides an overview of all items currently checked out, detailing who has checked them out, the checkout duration, and any associated notes or permissions.
Temporary Access	Security	Displays detailed information about access requests, including the status, requested permissions, requestor details, and the duration of each request.
Shared Entry Log	Entry	Provides a detailed history of shared connection activities, including user actions and changes made to shared entries
Last Usage	Security	Displays the most recent access and usage details for entries, highlighting user interactions and timestamps.

EDITION COMPARISON

Because RDM's Solo and Team editions target different use cases, some capabilities are excluded from the solo version. The charts below compare the capabilities of each version.

Remote connection management

Feature	SOLO	TEAM
Automatically launch connections using a single click	✓	✓
Integrates with different connection types and add-ons	✓	✓
Integrated VPN connection management	✓	✓
Export sessions and entries	✓	✓
Import from other applications and various sources	✓	✓
Macro support and automations	✓	✓

Password management

Feature	SOLO	TEAM
Centralized password vault	✓	✓
Securely store sensitive information	✓	✓
Password generator and integrated password management tools	✓	✓
Password inheritance	✓	✓
Document manager	✓	✓
Integrated private vault	✓	✓
Integrates with existing password managers	—	✓
Import passwords	—	✓

IT team solution

Feature	SOLO	TEAM
Centralize your connections	—	✓
Multiuser data sources	—	✓
Multiple repositories	—	✓
Role management	—	✓
User administration	—	✓
Simplified deployment	—	✓

Secure access to critical assets

Feature	SOLO	TEAM
Account brokering	✓	✓
Web browser integration	✓	✓
Encrypted passwords	✓	✓
Double encryption	—	✓
Role-based access control	—	✓
Multi-factor authentication	—	✓
Version tracking	✓	✓

Ease of management

Feature	SOLO	TEAM
Mobile access	✓	✓
Integrated virtualization consoles	✓	✓
Integrated cloud consoles	✓	✓
Integrated management tools	✓	✓
Offline mode	—	✓
Macro/script tool support	✓	✓
PowerShell	—	✓

Audit and reports

Feature	SOLO	TEAM
Audit trail	—	✓
Password usage audit trail	—	✓
Activity log	—	✓
Real-time connection status	—	✓
Connection warning	—	✓
Export reports	✓	✓
Failed login report	—	✓

ABOUT DEVOLUTIONS

Devolutions empowers IT teams to secure access, credentials, and remote connections through an integrated platform built for real-world complexity.

From workforce password management to privileged access and remote connection control, our solutions are tailored to the needs of IT professionals, business users, and external partners alike. Headquartered in Quebec, Canada, we remain proudly independent and committed to making advanced IT solutions accessible, usable, and affordable — for organizations of all sizes.



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