

MatchWare MindView 9 for Mac Technical Specification

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Overview

This document provides a thorough description of the technical details of MatchWare MindView 9 for Mac.

System Requirements

CPU architecture x86 64 bit and ARM64
macOS X (10.15+) and higher
macOS 11 (ARM architecture)
460 MB disk space

Supported Languages

English, Danish, French

Application Identifier in macOS

The Bundle ID is "CFBundleIdentifier = com.matchware.MindView9"

Supported Document Types

Registered CFBundleDocumentTypes:

mvd	Native MatchWare MindView format for Windows and Mac	Opens directly
mvt	MatchWare MindView Template format	Opens and resaved to MVDX format
mvd	MatchWare MindView format for Mac version 7 and below	Opens and resaved to MVDX format
styles	MatchWare MindView style document	Opens in a style editor mode
omd	MatchWare OpenMind 2 for Mac	Opens and resaved to MVDX format
omp	MatchWare OpenMind 2 for Windows	Opens and resaved to MVDX format
docx	Microsoft Word	Opens through internal importer
pptx	Microsoft PowerPoint	Opens through internal importer
xml	MindView XML	Opens through internal importer
	Microsoft Project XML	Opens through internal importer
mm	FreeMind	Opens through internal importer
mmap	Mindjet MindManager	Opens through internal importer
opml	Outline Processor	Opens through internal importer

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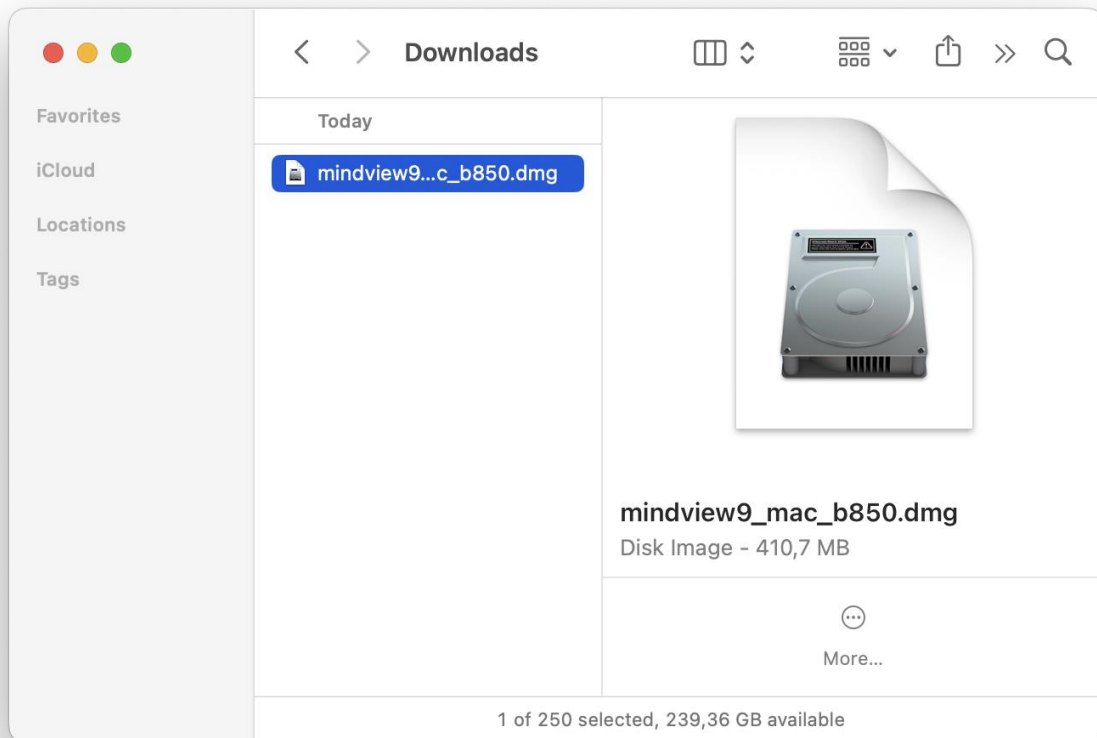
Installation

The MatchWare MindView 9 installation uses the standard Apple® Installer technology. Like all Apple® software, the MindView installation requires Administrator privileges.

Stand-alone installation

MindView comes as an installation image (*.dmg file) that you download to your computer. The DMG format is protected from errors during download and checked by the system when the image is mounted.

Double-click the installation image. Double-click the installation package.



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Follow the instructions on the screen when the MindView Install program starts.

The Apple® Installer performs an administrative installation of an application.

Installation location

The application bundle is named "MindView 9.app" and is located like all other applications directly in the Applications folder.

Path: /Applications/MindView 9.app

Manual distribution to other computers

To distribute the application to other computers on the network without installing on each one of them, the administrator can use copying.

After the installation and activation of MindView 9 on the first computer, the application from the path */Applications/MindView 9.app* should be copied to the same path on the target computer.

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The file `/Users/Shared/.mwmv8sni` should also be copied to path `/Users/Shared/.mwmv8sni` on the target computer.

For silent activation a `/Users/Shared/.mw8iactf` file should be created, for example using the command `"touch /Users/Shared/.mw8iactf"`.

The target Macs will not ask for a license number but will be activated individually (in silent mode). They must have access to the Internet.

Specific installation settings

Starting with version 9.0.2 (858), the possibility of subtle hidden settings has appeared.

In the case when you need to limit the functionality of the application for the user, you can use hidden settings using the terminal.

- To disable an application's ability to interact with OpenAI

defaults write "com.matchware.MindView9" "ai_disabled" -bool YES

- To disable the ability to partially update resources online

defaults write "com.matchware.MindView9" "resource_updates_disabled" -bool YES

The user cannot change these settings using the settings panel. To return the state of these settings, you need to call with the opposite value. (NO instead YES)

Paths used by the Application

User's documents

"~/Documents/MindView QuickStart" – for unpacking and using Quick Start documents

"~/Documents/MindView Templates" – default path for the customer's templates

"~/Documents/MindView Styles" – default path for the customer's styles

"~/Documents/MindView AudioNotes" – path for recorded Audio Notes

Application protection

The paths below must be accessible for all users on the current Mac:

"/Users/Shared/.mwmv8sn" – result data after activation

"/Users/Shared/.mwmv8sni" – license number storage

"/Users/Shared/.mw8iactf" – the marker for silent activation, the file just needs to be present (empty or with any contents).

Set of alternative paths in case the shared folder is not accessible:

"~/Library/Application Support/.mwmv8sn"

"~/Library/Application Support/.mwmv8sni"

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System paths

"~/Library/Caches/com.matchware.MindView9" – system caches for the application e.g. network framework

"~/Library/Saved Application State/com.matchware.MindView9.savedState" – These saved State resources are used by macOS to support "resuming" the application.

"~/Library/Preferences/com.matchware.MindView9.plist" – all the application settings

"~/Library/Application Support/MatchWare/MindView 9" – contains the folders with customized resources, like "Picture Library".

"~/Library/Application Support/com.matchware.MindView9/WebViews" – actual resources for rendering web-based document canvases.

"~/Library/Application Support/com.matchware.MindView9/HTMLTemplates" – contains the folders with cached HTML export resources.

"~/Library/Application Support/com.matchware.MindView9/branch_icons" – contains the folders with customized "Icons Storage".

"~/Library/Autosave Information/ Unsaved MindView 9 Document*.*" – This path contains the documents created by the user from scratch but not saved explicitly by the user. The documents are saved automatically with the generic name " *Unsaved MindView 9 Document*.**". If the application exits unexpectedly or with a forced quit, the unsaved documents can be found on that path.

Spotlight

Spotlight is a desktop search platform that has instant search capabilities for the most common file types within macOS. MindView provides a standard search extension that allows customers to search for content within MindView documents during desktop search.

"/Applications/MindView 9.app/Contents/Library/Spotlight/mindviewlookup.mdimporter"

Supported formats: MVDX, MVD, OMP, OMD

MIME TYPES:

com.matchware.mindviewx
com.matchware.mindview
com.matchware.openmind

Quick Look

Quick Look is a desktop preview platform. MindView provides a standard preview extension that allows customers to view content within MindView documents (.mvdX) without running the application.

"/Applications/MindView 9.app/Contents/Library/QuickLook/qlmvdX.qlgenerator"

Supported formats: MVDX, MVTX, MVD, OMP, OMD

MIME TYPES:

com.matchware.mindviewx

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com.matchware.mindview
com.matchware.mindviewtemplate
com.matchware.openmind

MIME-type

application/matchware.mindview.document .mvdX .mvtX .omp .omt .mvd .omd
Asynchronous Pluggable Protocol: MindViewOpen

MatchWare Activation System

Mandatory activation is required when using MindView. When activating the Product certain information about the Product and the device will be sent to MatchWare. This information includes version, build number, language, product ID, and computer ID which is generated from the hardware configuration. By using the Product you consent to the transmission of this information. The activation can either be done by login or by entering a license key.

MindView Drive

MatchWare MindView communicates with the MindView Drive using the Hypertext Transfer Protocol Secure (HTTPS) using the standard port 443.

The MindView 9 MindView Drive is located here: <https://www.sharedworkspace.com>

MindView Online Update

MatchWare MindView communicates with the MindView Online Update using the Hypertext Transfer Protocol Secure (HTTPS) using the standard port 443.

The MindView 9 MindView Online Update is located here: <https://cdn.matchware.com/mindview9>

AI Suggestions

MatchWare MindView communicates with the MindView AI Suggestions using the Hypertext Transfer Protocol Secure (HTTPS) using the standard port 443.

The MindView 9 MindView AI Suggestions is located here: <https://cdn.matchware.com/mindview9>

It also communicates with server at: <https://ai.mindview.app/>

Tasks System

MatchWare MindView communicates with the MindView Task System using the Hypertext Transfer Protocol Secure (HTTPS) using the standard port 443.

The MindView 9 MindView Task System is located here: <https://cdn.matchware.com/mindview9>

It also communicates with server at: <https://api.mindview.app>

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