MatchWare MindView 8 for Mac Technical Specification
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Overview
This document provides a thorough description of the technical details about MatchWare MindView 8 for Mac.

System Requirements
CPU architecture x86 64 bit and ARM64
macOS X (10.11+) and higher
macOS 11 (ARM architecture)
400 MB disk space

Supported Languages
English and Danish

Application Identifier in macOS
The Bundle ID is "CFBundleIdentifier = com.matchware.MindView8"

Supported Document Types
Registered CFBundleDocumentTypes:

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>mvdx</td>
<td>Native MatchWare MindView format for Windows and Mac</td>
</tr>
<tr>
<td>mvtx</td>
<td>MatchWare MindView Template format</td>
</tr>
<tr>
<td>mvd</td>
<td>MatchWare MindView format for Mac version 7 and below</td>
</tr>
<tr>
<td>styles</td>
<td>MatchWare MindView style document</td>
</tr>
<tr>
<td>omd</td>
<td>MatchWare OpenMind 2 for Mac</td>
</tr>
<tr>
<td>omp</td>
<td>MatchWare OpenMind 2 for Windows</td>
</tr>
<tr>
<td>docx</td>
<td>Microsoft Word</td>
</tr>
<tr>
<td>pptx</td>
<td>Microsoft PowerPoint</td>
</tr>
<tr>
<td>xml</td>
<td>MindView XML</td>
</tr>
<tr>
<td>mm</td>
<td>Microsoft Project XML</td>
</tr>
<tr>
<td>mmap</td>
<td>Mindjet MindManager</td>
</tr>
<tr>
<td>opml</td>
<td>Outline Processor</td>
</tr>
</tbody>
</table>
Installation

The MatchWare MindView 8 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.
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 8.app" and is located like all other applications directly in the Applications folder.
Path: /Applications/MindView 8.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 8 on the first computer, the application from the path /Applications/MindView 8.app should be copied to the same path on the target computer.
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.
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" – 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"

System paths
"~/Library/Containers/com.matchware.MindView8" – all sandboxed application settings
"~/Library/Caches/com.matchware.MindView8" – system caches for the application e.g. network framework

"~/Library/Saved Application State/com.matchware.MindView8.savedState" – These saved State resources are used by macOS to support "resuming" the application.

"~/Library/Preferences/com.matchware.MindView8.plist" – all the application settings
"~/Library/Application Support/MatchWare/MindView 8" – contains the folders with customized resources, like "Picture Library" or "Icons Storage".

"~/Library/Autosave Information/Unsaved MindView 8*.*" – 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 8*.*". If the application exits unexpectedly or with a force quit, the unsaved documents can be found on that path.

Spotlight
Spotlight is a desktop search platform that has instant search capabilities for 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 8.app/Contents/Library/Spotlight/mindviewlookup.mdimporter"

Supported formats: MVDX, MVD, OMP, OMD
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 8.app/Contents/Library/QuickLook/qlmvdx.qlgenerator"

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

MIME types:
application/matchware.mindview.document .mvdx .mvtx .omp .omt .mvd .omd
Asyncnchronous 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 8 MindView Drive is located here: https://www.sharedworkspace.com