

# CM PDF Compress

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## Introduction

CM PDF Compress is a simple to use yet powerful app which can compress existing PDF documents to reduce their file size.

There are several online sites which can perform the PDF compression but it requires you to upload your documents to them. CM PDF Compress does the compression on your Mac and thus ensuring that your documents remain private to you and you only.

It also provides several customizable settings including

- Provides the option to retain the original PDF Creation and Modification File Dates
- Works with Password Protected PDF files (You will be prompted to enter the password of the protected PDFs which will be used to unlock the PDF files so it can perform the compression and CM PDF Compress will lock the compressed files with the same password)
- Retain PDF header information and Permissions

CM PDF Compress will upgrade the PDF Version Number to v1.4, if the original documents are of lower version number. This is to ensure compatibility with the compression algorithms the app supports.

CM PDF Compress works on a two step process where you will select the PDF files you want it to process, make the necessary settings changes and click the "Start Compression" button to begin the process. This way, it allows you to make the changes until you are satisfied before processing.

## System Requirements

- At least 64 Bit macOS 11 Big Sur and above
- Intel and Apple Silicon Native Support

## Purchase Information

CM PDF Compress is released as a Try-Before-You-Buy app with an option to use the app for a period of 14 days. The Trial version would compress the first 5 PDF Documents on the list.

Once you purchase a license and applied it, you will be able to use this application without restriction.

Each License entitles you to use the app on a single computer and future updates. Your license does not however expire and you may migrate it to a new computer in the future.

You will need to purchase separate licenses for used by different persons or computers.

Each License is currently priced at US\$4.99.

CM PDF Compress can be purchased at

CREEM.IO (Our Fulfillment Partner)

[https://www.creem.io/payment/prod\\_1mdHAXJuF5OPriZeWXH3k2](https://www.creem.io/payment/prod_1mdHAXJuF5OPriZeWXH3k2)

Once you make the purchase, we will manually send you your license file in a separate email within 24 hours.

## Adding PDF Documents

To begin compressing your PDF Documents, you will have to first add them to the List. There are 3 ways to add the PDF Documents either by Dragging and Dropping them, using the Load Files or Load Folder buttons.

### **DRAG AND DROP TO THE FILE LISTING**

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Dragging and Dropping PDF documents is easy. Just select the PDF documents from Finder and drop it in the File Listing.

Currently, the app does not support folders.

### **DRAG AND DROP TO THE APP ICON**

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Alternatively, if you have a single file to process, you can drag and drop the pdf file to the app icon. This will power up the engine and use the existing settings to perform the compression. The compressed pdf file would be saved to the same folder as the original pdf file if the "Save Compressed PDF in Folder" is not set and tagged with "\_compressed" to the filename as part of it's suffix. If the "Save Compressed PDF in Folder" is set, the compressed files would be saved there instead.

The entire process is automated.

### **LOAD FILES**

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Load Files lets you pick the PDFs from a specific folder.

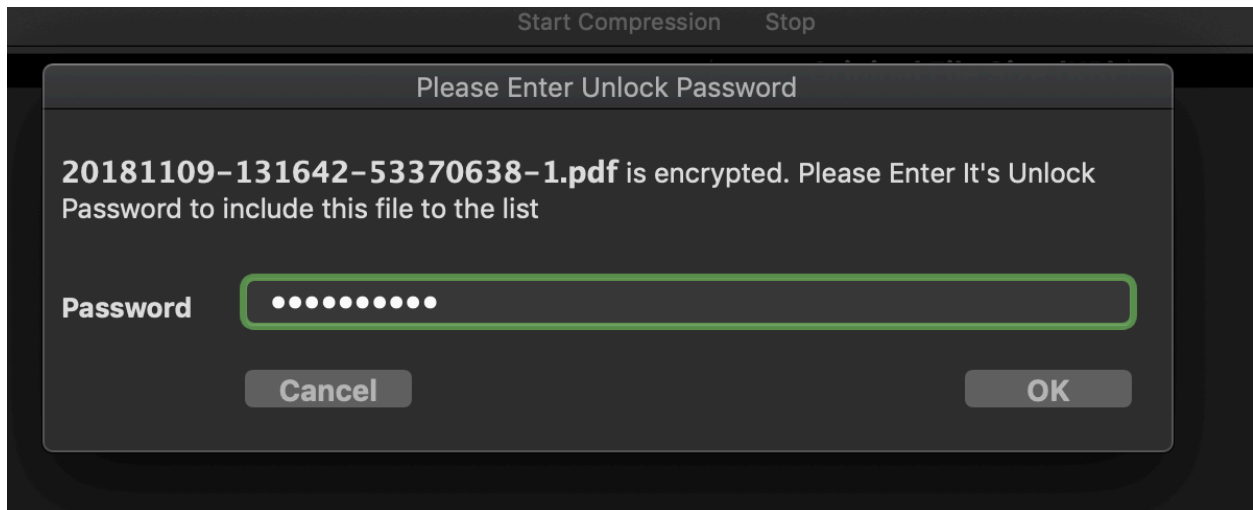
### **LOAD FOLDER**

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Load Folder lets you select a Folder which contains your PDF documents in. All PDF files will be added to the List.

## Password Protected PDF Documents

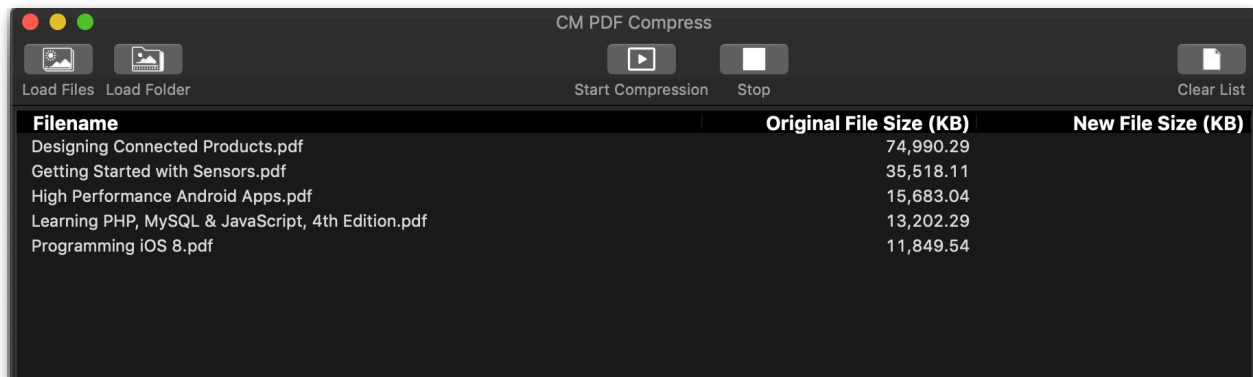
When encountering a password protected PDF Documents when adding PDFs to the list, CM PDF Compress will prompt for the unlock password. This



password would also be used to protect the respective compressed PDF document.

Click Cancel to skip that particular password protected file.

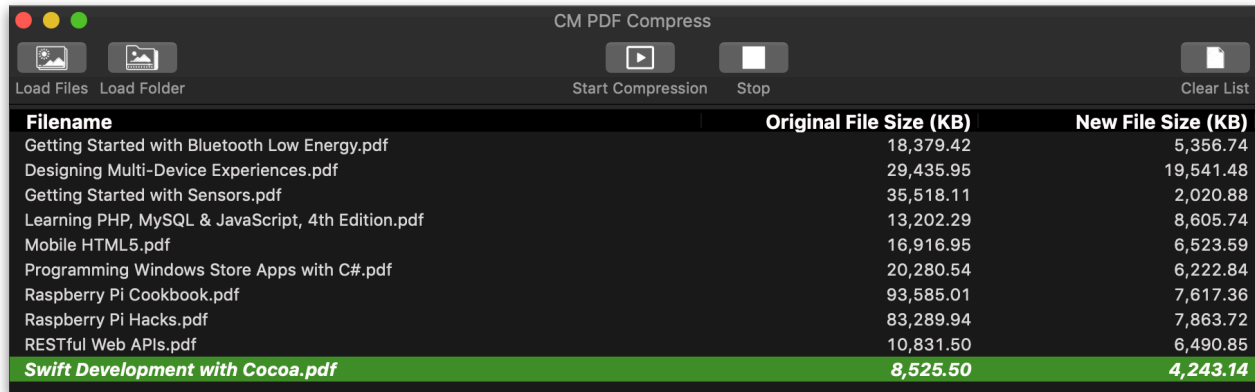
#### INITIAL FILE LISTING



Once you first added the files to the list, the Filename and Original File Size in Kilobytes would show up. The New File Size will be left blank in this instance until the Compression engine has done it's job.

The content of the document and the compression settings used would determine the new file size. This would only be known after the files are processed.

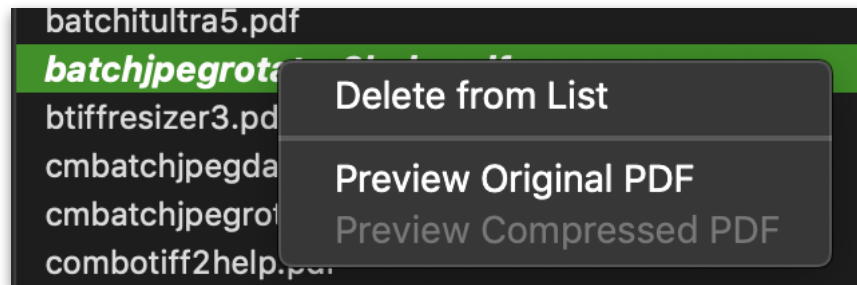
## File Listing



The screenshot shows the CM PDF Compress application window. At the top, there are buttons for 'Load Files', 'Load Folder', 'Start Compression', 'Stop', and 'Clear List'. Below these is a table with three columns: 'Filename', 'Original File Size (KB)', and 'New File Size (KB)'. The table lists several PDF files, with 'Swift Development with Cocoa.pdf' highlighted in green at the bottom.

Filename	Original File Size (KB)	New File Size (KB)
Getting Started with Bluetooth Low Energy.pdf	18,379.42	5,356.74
Designing Multi-Device Experiences.pdf	29,435.95	19,541.48
Getting Started with Sensors.pdf	35,518.11	2,020.88
Learning PHP, MySQL & JavaScript, 4th Edition.pdf	13,202.29	8,605.74
Mobile HTML5.pdf	16,916.95	6,523.59
Programming Windows Store Apps with C#.pdf	20,280.54	6,222.84
Raspberry Pi Cookbook.pdf	93,585.01	7,617.36
Raspberry Pi Hacks.pdf	83,289.94	7,863.72
RESTful Web APIs.pdf	10,831.50	6,490.85
<b>Swift Development with Cocoa.pdf</b>	<b>8,525.50</b>	<b>4,243.14</b>

There are a few things you can do with the File Listing through the Contextual Popup Menu which can be triggered by selecting a file on the list and using the right-most mouse button or on the touch pad holding down the Control and clicking the touch pad.



A popup menu such as the one above would appear. There are currently 3 things you can do.

### DELETE FROM LIST

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This option just remove the file from the list so it would not be compressed. It does not delete the file from your computer.

### PREVIEW ORIGINAL PDF

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CM PDF Compress would bring up the Original PDF in a Preview Window where you can scroll through the entire document.

## **PREVIEW COMPRESSED PDF**

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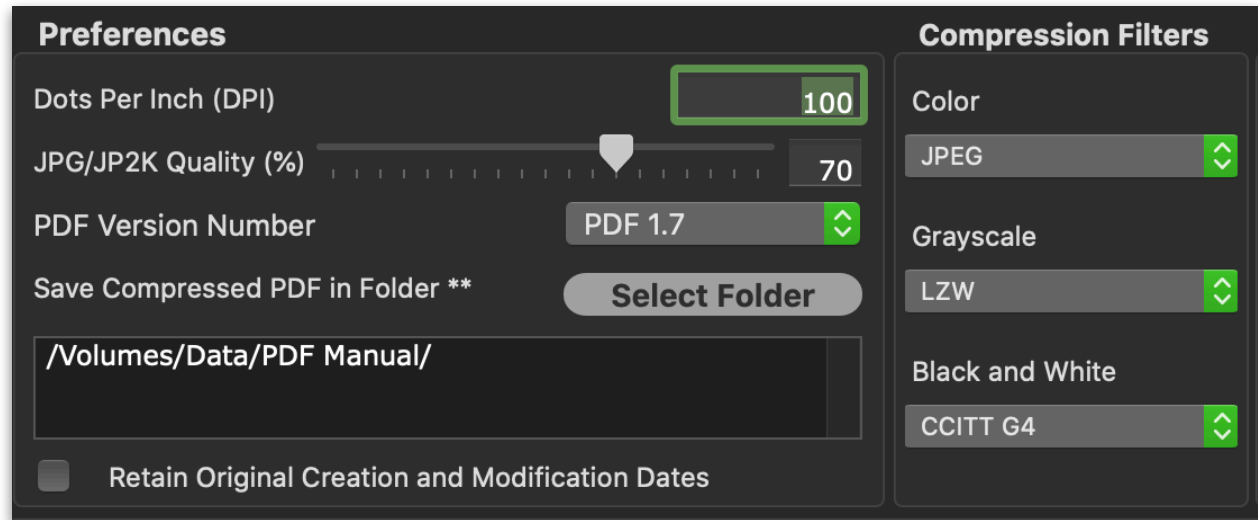
If the respective PDF file is found in the Save Compressed PDF in Folders, this option would be enabled. This will let you view the compressed PDF documents.

## **Start Compression**

This begin the PDF Compression Process. If there is more than 5 files on the list, the second thread would be activated.



## Preferences



The Preferences pane contains controls which would determine how the PDF files would be compressed and where they would be saved in.

### COMPRESSION LEVEL

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The Compression level goes from As Is, 1 to 9. The higher the compression level the smaller the file size. CM PDF Compress will perform all the hard internal lifting to adjust the PDF while retaining image quality.

### PDF VERSION

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There may be times you might need to change the PDF Version Number to ensure compatibility with your PDF viewers.

The Supported Version includes

- As Is
- PDF 1.4
- PDF 1.5
- PDF 1.6
- PDF 1.7
- PDF 2.0
- PDF/X-4

- PDF/A 1a
- PDF/A 1b
- PDF/A 2a
- PDF/A 2b
- PDF/A 2u
- PDF/A 3a
- PDF/A 3b
- PDF/A 3u

As to which version to use is beyond the scope of this documentation.

When you set it to As Is, it will not change the existing PDF version of the file. However, if it is below 1.5, it will set it to v1.5 to ensure wider compatibility with the compression algorithm.

#### **SAVE COMPRESSED PDF IN FOLDER**

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Use the Select Folder to choose a folder in which the compressed PDFs would be saved in.

If you select the same folder as where the original PDFs are located, the app would tag "\_compressed" to the suffix of the filename to prevent the original from being overwritten as changes made to the files cannot be reverted.

This option cannot be left blank and if this is not set, the application will prompt you when you click the Start Compression button.

**RETAIN ORIGINAL CREATION AND MODIFICATION DATES**

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By default, the new compressed PDFs would be newly created and creation and modification would reflect the current date and time.

When you check this option, the application will use the best effort to retain the original files' creation and modification dates.

## Basic How To

We try our best to ensure that the application is easy to use.

The most basic steps you will have to take is to first populate the List by using the Drag and Drop or Load Files or Load Folders button.

Once you have a list, set the Save Compressed PDF in Folder (if it is blank or not where you want the files to be in) by pressing the Select Folder button and pick a folder to save the compressed files in.

Click the Start Compression button in the tool bar and wait for the compression engine to take over. Once done, the folder in which the compressed files are found would be launched. The second thread would start if there is more than 5 files on the list.

If the results are not satisfactory, you can change the settings and start over. Do start with a short list so it does not take up too much time. Once you are satisfied with the settings, feel free to use it to it's fully potential.

All settings would be remembered the next time you launch the app.

## Contact Us

If you encounter any issues or require future assistance, feel free to contact us via email at [support@completemagic.com](mailto:support@completemagic.com) and do mention the app name and we will do our best to assist you.

We will update the application as and when a fix is required or when we included further enhancements such as new features or improved optimization.

Thank you for using CM PDF Compress and hope that it would help increase your productivity.

## Version History

v1.0.0	• Initial Release
v1.0.1	• Internal Updates
v1.0.2	• Improvements to the Licensing Module
v1.0.3	• Improvement to the Licensing Module
v1.0.4	• Internal Updates
v1.0.5	• Internal Code Optimization
v1.0.6	• Updated PDF Engine
v1.0.7	• Updated the Underlying Framework
v1.0.8	• Reworked how the PDF are loaded
v1.0.9	• Support Drag and Drop PDF to the App Icon to Compress it using the current settings
v1.1.0	• Reworked the slight lag when files are first loaded to the list
v1.1.1	• Improved the Preview Module with scrolling and pinch to zoom
v1.1.2	• Updated to support MacOS 10.15 Catalina
v1.1.3	• Updated to the new Framework to fix a bug which causes Encrypted PDF to fail to open after compression
v1.1.4	• Improvement to the Compression module
v1.1.5	• Reworked the Load Folders module to give it a speed boost
v1.1.6	• Updated the Underlying Framework
v1.1.7	• Added Support for PDF Version
v1.1.8	• Updated PDF Engine • Improve the performance of loading up the files to the list
v1.1.9	• Updated the Underlying Framework
v1.2.0	• Overhauled the underlying framework
v1.2.1	• Reworked the Load Files module
v1.2.2	• Updated the Underlying Framework

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v1.2.3	• Updated the Underlying Framework
v1.2.4	• Updated the Underlying Framework
v1.2.5	• Optimize the Compression Algorithm
v1.2.6	• Updated UI • Updated Underlying Framework
v1.2.7	• Updated Underlying Framework • Added a second thread to speed up processing
v1.2.8	• Updated Underlying Framework
v1.2.9	• Updated Underlying Framework • Minor UI Update
v1.3.0	• Updated Underlying Framework • Minor UI Update
v1.3.1	• Updated Underlying Framework
v1.3.2	• Updated UI • Internal Code Optimisation
v1.3.3	• Improved ARM Support • Updated Underlying Framework
v1.3.4	• Updated Underlying Framework
v1.3.5	• Updated Underlying Framework • Minor UI Update
v1.3.6	• Updated Underlying Framework • Minor UI Update
v1.3.7	• Internal Code Optimization
v1.3.8	• Updated Underlying Framework
v1.3.9	• Updated PDF Engine
v1.4.0	• Updated PDF Engine
v1.4.1	• Updated Underlying Framework
v1.4.2	• Updated Underlying Framework
v1.4.3	• Updated Underlying Framework
v1.4.4	• Updated Underlying Framework
v1.4.5	• Updated Underlying Framework • Internal Code Optimization
v1.4.6	• Updated Underlying Framework

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v1.4.7	<ul style="list-style-type: none"> <li>• Updated Underlying Framework</li> <li>• Internal Code Optimization</li> </ul>
v1.4.8	<ul style="list-style-type: none"> <li>• Updated Underlying Framework</li> </ul>
v1.4.9	<ul style="list-style-type: none"> <li>• Updated Underlying Framework</li> <li>• Minor UI Update</li> </ul>
v1.5.0	<ul style="list-style-type: none"> <li>• Updated Underlying Framework</li> </ul>
v1.5.1	<ul style="list-style-type: none"> <li>• Updated Underlying Framework</li> </ul>
v1.5.2	<ul style="list-style-type: none"> <li>• Updated Underlying Framework</li> <li>• Internal Code Optimization</li> <li>• Minor UI Fix</li> </ul>
v1.5.3	<ul style="list-style-type: none"> <li>• Updated Underlying Framework</li> </ul>
v1.5.4	<ul style="list-style-type: none"> <li>• Updated Underlying Framework</li> </ul>
v1.5.5	<ul style="list-style-type: none"> <li>• Updated Underlying Framework</li> </ul>
v1.5.6	<ul style="list-style-type: none"> <li>• Updated Underlying Framework</li> </ul>
v1.5.7	<ul style="list-style-type: none"> <li>• Updated Underlying Framework</li> </ul>
v1.5.8	<ul style="list-style-type: none"> <li>• Updated Underlying Framework</li> </ul>
v1.5.9	<ul style="list-style-type: none"> <li>• Updated Underlying Framework</li> </ul>
v1.6.0	<ul style="list-style-type: none"> <li>- Reworked UI and PDF Compression Engine</li> <li>- Simplify the Settings</li> </ul>
v1.6.1	<ul style="list-style-type: none"> <li>- Fixed an issue with the Gatekeeper</li> </ul>
v1.6.2	<ul style="list-style-type: none"> <li>- Replaced Compression Engine</li> </ul>
v1.6.3	<ul style="list-style-type: none"> <li>- Updated Underlying Framework</li> </ul>
v1.6.4	<ul style="list-style-type: none"> <li>- Reworked the Compression Engine</li> <li>- Minor UI Updates</li> </ul>
v1.6.5	<ul style="list-style-type: none"> <li>- Reworked the Compression Engine</li> </ul>
v1.6.6	<ul style="list-style-type: none"> <li>- Reworked the Compression Engine</li> </ul>
v1.6.7	<ul style="list-style-type: none"> <li>- Minor UI Changes</li> <li>- Internal Code Optimization</li> </ul>
v1.6.8	<ul style="list-style-type: none"> <li>- Fixed crash when faulty PDFs are added to the list</li> </ul>
v1.6.9	<ul style="list-style-type: none"> <li>- Updated Underlying Framework</li> </ul>
v1.7.0	<ul style="list-style-type: none"> <li>- Updated Underlying Framework</li> </ul>
v1.7.1	<ul style="list-style-type: none"> <li>- Updated Underlying Framework</li> </ul>



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v1.7.2	- Minor UI Fixes - Updated Underlying Framework
v1.7.3	- Minor UI Fixes - Updated Underlying Framework
v1.7.4	- Updated Underlying Framework
v1.7.5	- Updated Underlying Framework
v1.7.6	- Updated Underlying Framework
v1.7.7	- Updated Underlying Framework
v1.7.8	- Updated Underlying Framework
v1.7.9	- Updated Underlying Framework
v1.8.0	- Updated Underlying Framework
v1.8.1	- Updated Underlying Framework
v1.8.2	- Updated Underlying Framework
v1.8.3	- Updated Underlying Framework
v1.8.4	- Updated Underlying Framework
v1.8.5	- Updated Underlying Framework
v1.8.6	- Updated Underlying Framework
v1.8.7	- Updated Underlying Framework
v1.8.8	- Updated Underlying Framework
v1.8.9	- Updated Underlying Framework
v1.9.0	- Updated Underlying Framework
v1.9.1	- Updated Underlying Framework
v1.9.2	- Updated Underlying Framework - Minor UI Fixes
v1.9.3	- Updated Underlying Framework
v1.9.4	- Updated Underlying Framework - Minor UI Fixes
v1.9.5	- Updated Underlying Framework - Minor UI Fixes
v1.9.6	- Updated Underlying Framework - Minor UI Fixes - Minimal Requirement raised to macOS 11 Big Sur

v1.9.7	- Updated Underlying Framework
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