

Installing ScanImage

Here we'll review the bare minimum to get a system up and running.

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Software Requirements

Start by installing required [software](#) and [hardware](#).

Scanimage Installation

Pick a location for ScanImage Installations, hereafter referred to as <ScanImage>

Suggestions:

```
C:\My Documents\Matlab\ScanImage\<scanimage version>  
C:\Program Files\ScanImage\<scanimage version>
```

i ScanImage requires write permissions to its installation folder. In Windows 7 and later, users do not have write permissions for the folder C:\Program Files by default. If this folder is chosen for the ScanImage installation, modify the Windows Folder Permissions of the ScanImage installation folder appropriately.

1. [Download ScanImage](#) and extract the ZIP file into selected folder
2. Launch Matlab and add the folder to the [search path](#) (Tip: It is sufficient to use the option 'Add Folder...' - On startup, ScanImage will add additional folder to the path)
3. With scanimage on the Matlab [path](#), run:

```
>> scanimage
```

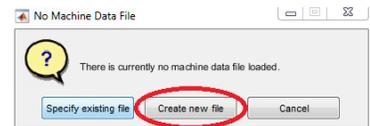
Configuration

Machine Data File (MDF)

The [Machine Data File](#) contains information used to describe aspects of the hardware configuration that rarely change. The MDF is only read when ScanImage starts; any change to the MDF during an experiment requires a Matlab restart.

The first time you start ScanImage you will be asked to configure or locate a [Machine Data File](#). Since this is the first time you've run on this machine, you should choose to **Create** a new file. Select a folder where that file should be stored.

The [Machine Data File](#) will be created in sections. After each section is created, it will be displayed in the Matlab editor. Edit the settings for each section and then save the file. A small pop-up dialog box will await you to confirm you've done this before moving on to the next section.



✓ Recommended location for the Machine Data File is a folder named CONFIG at root of the user's Data directory. This is a good way to ensure that configuration data is backed up whenever Data directory is (hopefully!) backed up

USR/CFG Settings

Additional hardware configuration and window position information is stored in the [USR file](#).

On the first startup, you may be prompted to locate the USR File. Hit Cancel to proceed using

