

SonicDICOM ver2.0

Getting Started

May 24, 2016

<https://sonicdicom.com/>

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1. Introduction

Use this guide to install SonicDICOM on Windows systems.

1. 1 Version history

Version	Date	Comments
1.0	February 22, 2016	First version
2.0	May 24, 2016	

1. 2 Supported Modalities and Types of Images

SonicDICOM supports the following modalities.

- Computed Radiography (CR)
- Digital X-Ray (DX)
- Computed Tomography (CT)
- Magnetic Resonance (MR)
- Positron Emission Tomography PET-CT (PT)
- Mammography (MG)
- Ultrasound (US)
- Endscope (ES)
- X-Ray Angiographic (XA)
- Radio Fluoroscopy (RF)
- Nuclear Medicine (NM)
- Radiation Therapy (RT)
- Secondary Capture (SC)

SonicDICOM can handle the following types of DICOM images.

- Monochromatic (e.g. CR, CT, MR) and color (e.g. US, 3D reconstructions)
- Static images (e.g. CR, CT, MG) and dynamic sequences (e.g. US, XA)
- Uncompressed and compressed (RLE Lossless, JPEG Lossy, JPEG Lossless, JPEG 2000 Lossy, JPEG 2000 Lossless)

1.3 Minimum Hardware Requirements

- 1 GHz or faster processor
- 512 MB of RAM
- 5 GB of available hard disk space

1.4 Supported Operating Systems

- Windows 7 SP1 (x86 and x64)
- Windows 8 (x86 and x64)
- Windows 8.1 (x86 and x64)
- Windows 10
- Windows Server 2008 R2 SP1 (x64)
- Windows Server 2012 (x64)
- Windows Server 2012 R2 (x64)

1. 5 Web Client Environment

Client's requirement is a modern browser such as the latest version of Chrome, Firefox, Edge, or Internet Explorer.

2. Required Software

2. 1 Microsoft .NET Framework 4.6.1

SonicDICOM requires Microsoft .NET Framework 4.6.1.

You can install it through Windows Update

or

download from:

<https://www.microsoft.com/en-us/download/details.aspx?id=49981>

Once downloaded, double-click on the installer and follow the instructions to install.

3. SonicDICOM Installation

3. 1 Install Manually

You can download SonicDICOM from:

https://sonicdicom.com/files/SonicDICOM_Setup.exe

Once downloaded, double-click on the installer and follow the instructions to install.