

# ElectronRT DICOM Receiver

The decimal ElectronRT application supports importing DICOM patients via a DICOM listener/receiver. This guide details the process for enabling and configuring this method of DICOM patient import into the eRT application.

## DICOM Receiver

The following guide details how to download, install, and configure the ElectronRT DICOM Receiver to automatically accept and import files into the ElectronRT application for import.

### Download and Installation

1. Download the ElectronRT DICOM Receiver via 
2. Extract the ElectronRT\_dicom\_receiver.zip file to an appropriate directory of your choosing (e.g.: C:\ElectronRT\_DICOM\_Receiver)
3. Edit the receiver\_config.json file to set the following fields:
  1. **local\_ae\_title**: The name of the listener (Note: this is not explicitly enforced, it's only for reference)
  2. **local\_port**: The local port for the listener to monitor on
  3. **timeout**: The timeout, in seconds, for which to wait for files/connections. The default value is an appropriate setting.
  4. **storage\_location**: The shared network location to save files to that the ElectronRT app will be able to access and monitor (see  link)

### Changing Configurations

Changes can be made to the receiver configuration (e.g.: the monitoring port or patient storage location). Any changes to the configuration will require the ElectronRT DICOM Receiver to be restarted.

### Using Windows Service (optional)

The following scripts can be used to add, remove, or restart the Windows Service for the ElectronRT DICOM Receiver.

**Note:**

Administrator permissions are required to modify Windows



Services, so each of the provided service management scripts below must be run as an administrator.

- **service\_install.bat**
  - Installs the ElectronRT DICOM Receiver as a Windows Service
- **service\_uninstall.bat**
  - Removes the ElectronRT DICOM Receiver from the Windows Services
- **service\_restart.bat**
  - Restarts the Service if changes are made to the configuration file.

## ElectronRT DICOM Monitoring

From:

<http://apps.dotdecimal.com/> - **decimal App Documentation**

Permanent link:

[http://apps.dotdecimal.com/doku.php?id=electronrt:userguide:dicom\\_receiver&rev=1615994982](http://apps.dotdecimal.com/doku.php?id=electronrt:userguide:dicom_receiver&rev=1615994982)

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