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 Fix Me!
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
    4. **storage_location**: The shared network location to save files to that the ElectronRT app will be able to access and monitor (see Fix Me! link)
4. Run the `ElectronRT DICOM Receiver.exe` to start the receiver as configured

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 the Windows Service, so each script 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