Software Version 2.5 Release Notes

System Requirements

Key Features

Click Here For More Information on the 2.5 Release

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2.5 System Minimum Requirements

- Microsoft Windows 10/11 64-bit edition
- Microsoft .NET 4.7.2
- Minimum 8 GB of CPU RAM
- GPU with at least 1 GB RAM and OpenGL 3.3 support
- NVIDIA GPU with at least 3.5 CUDA Compute Capability and driver support for CUDA 11
  - Installer tests your system to easily check to see if your hardware and driver is supported
  - Required for reconstruction
  - Required for high-resolution volume rendering
  - Required for efX-Sim, efX-DR
  - Required to display image filters
  - For a full list of GPUs that are supported or not supported, see the CUDA Wikipedia page

For slower processing of larger datasets please discuss computer options with your salesperson. Click Here to Contact Us.

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Key Features

- Accelerated SubpiX
- Layered Frames
- Project Viewer
- CT Transfer Projects

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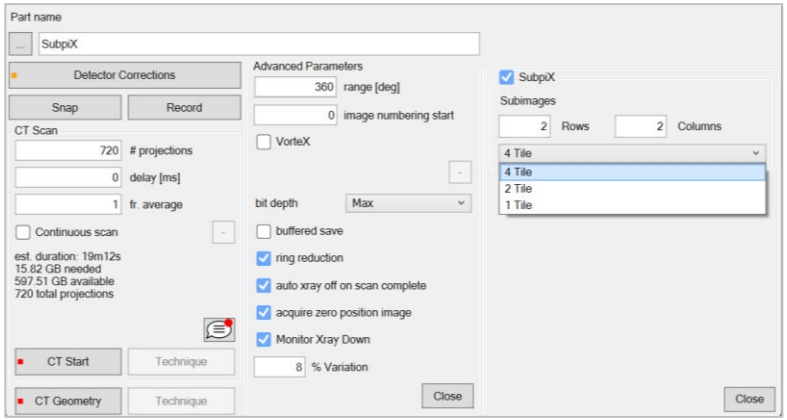
Accelerated SubpiX

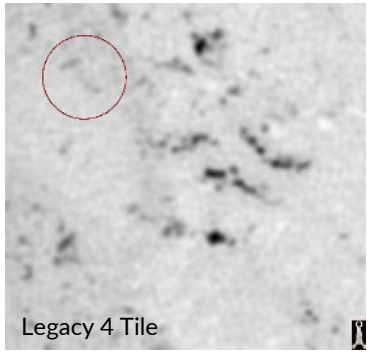
SubpiX RR step CT scans:

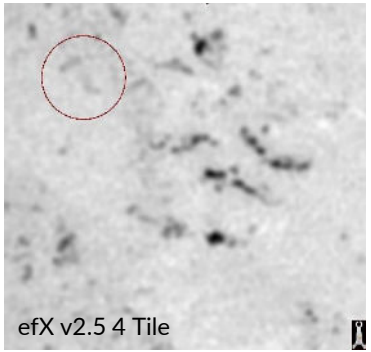
- Reduced acquisition time
- Added shift correction

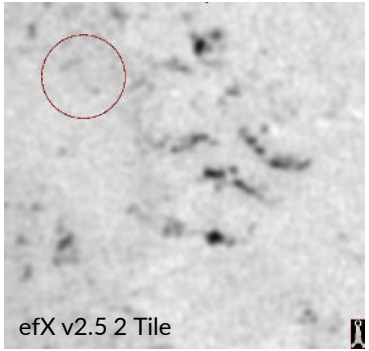
Added two new SubpiX scan methods:

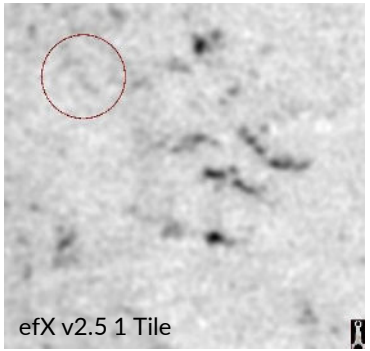
- 2 Tile:
  - Reduced acquisition time by ~50%
  - Slightly reduced quality from 4 Tile SubpiX
- 1 Tile:
  - Reduced acquisition time by ~75%
  - Lower quality, better than standard circular CT scan

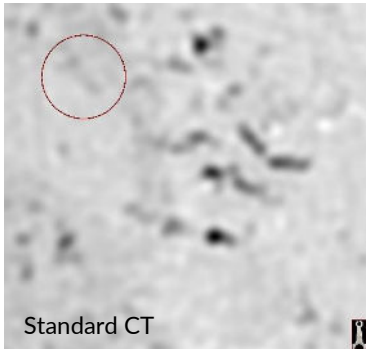












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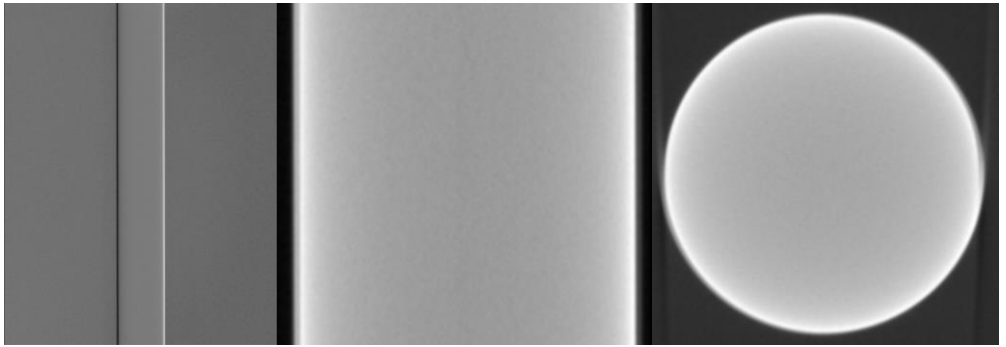
Accelerated SubpiX

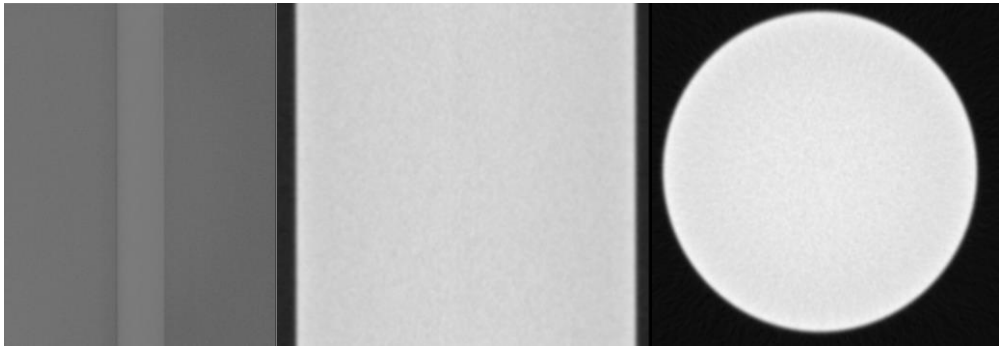
Additional benefits:

- SubpiX Ring Reduction step CT scans:
- All RR SubpiX Scans now have beam shift correction

2.4 and earlier ALL SubpiX

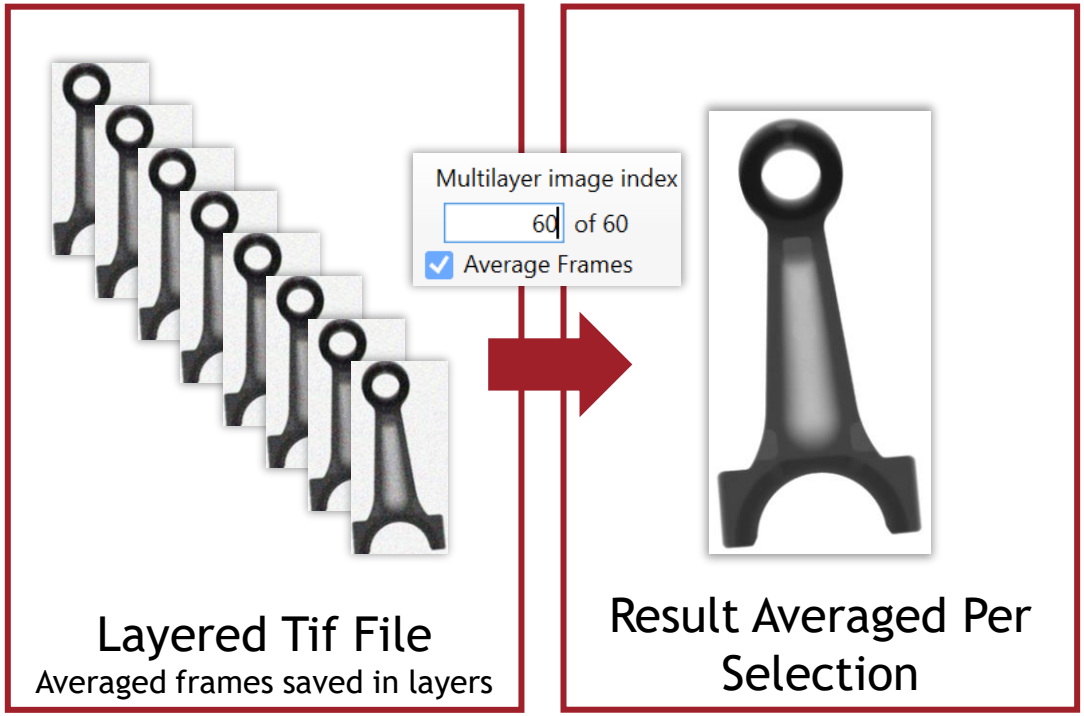


RR 4-Tile, 2-Tile, and 1-Tile



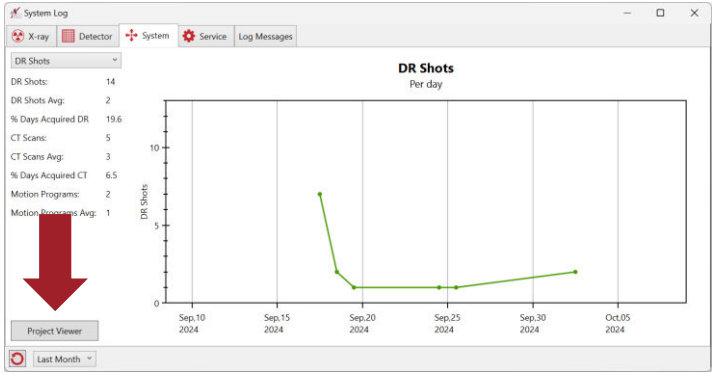
Layered Frames

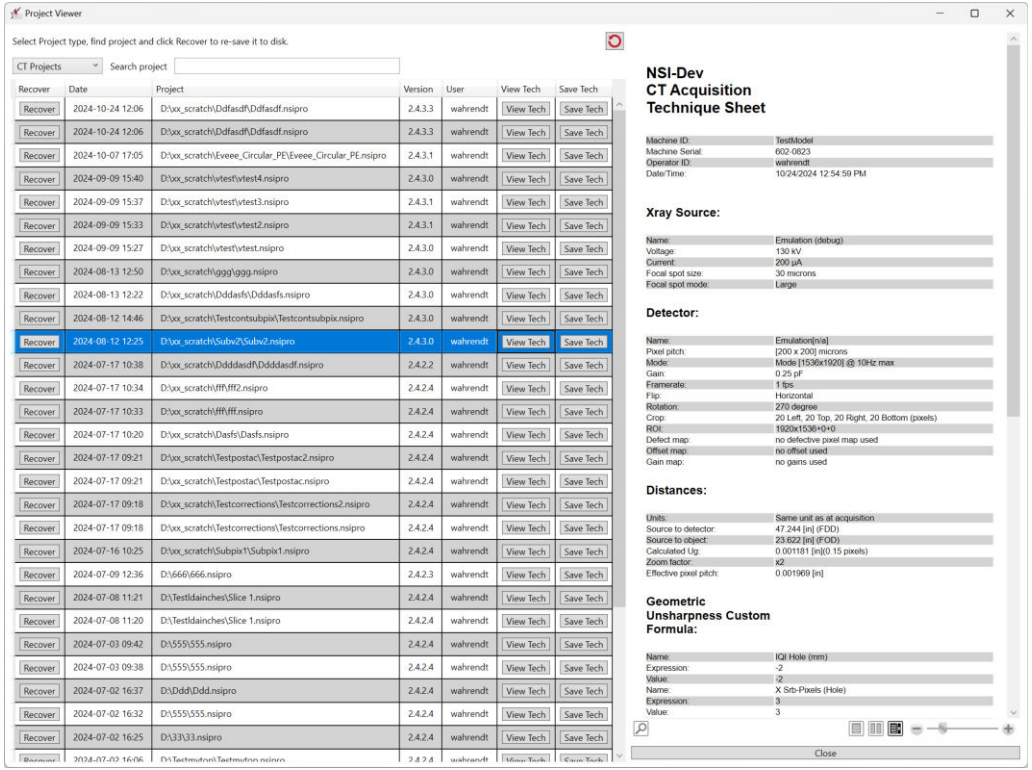
- DR/CT projects
- When averaging, save frames in layers
- View/Reconstruct with desired amount of averaging
- Reduces number of scans to determine techniques



Project Viewer

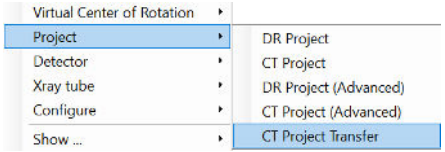
- Look up previous DR/CT project techniques
  - Search by name
- Recover project or technique sheet





CT Transfer Project

- Easily move completed project and associated files to another computer
  - Pick project file(s) (.NSIPRO)
  - Pick destination folder
  - Go!
- Very useful for SubpiX/MosaiX projects where the folder structure is complex
- Continue scanning more parts while getting the first scan reconstructed



Access from
- Right-click menu
- CT Project button