



Software Version 2.5 Release Notes

[System Requirements](#)

[Key Features](#)

[Click Here For More Information on the 2.5 Release](#)



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.](#)



efX Key Features

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

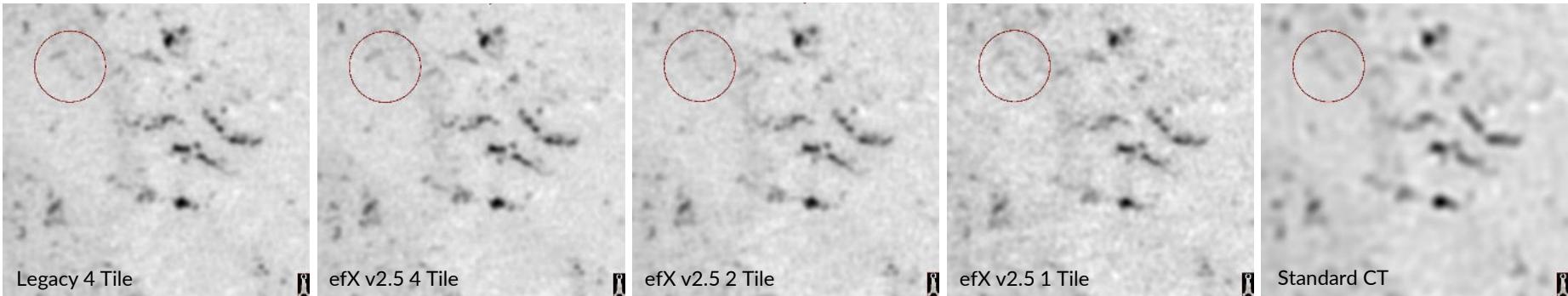
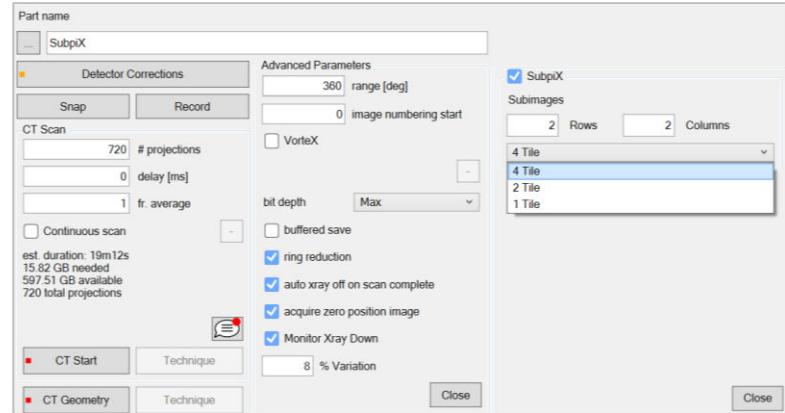
efX Accelerated SubpiX

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

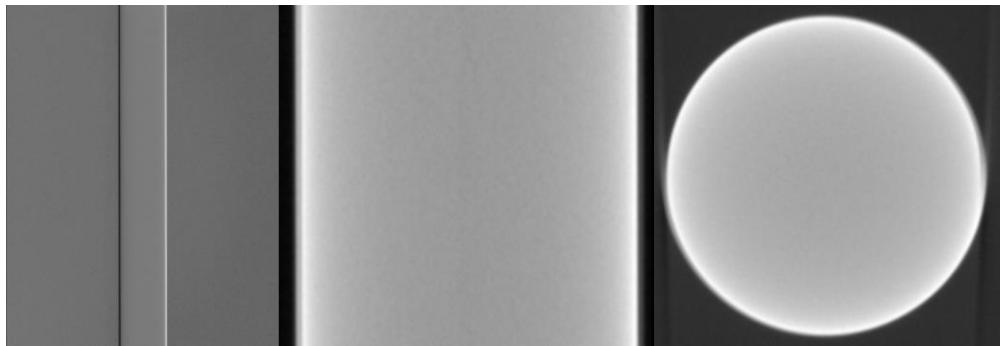


efX Accelerated SubpiX

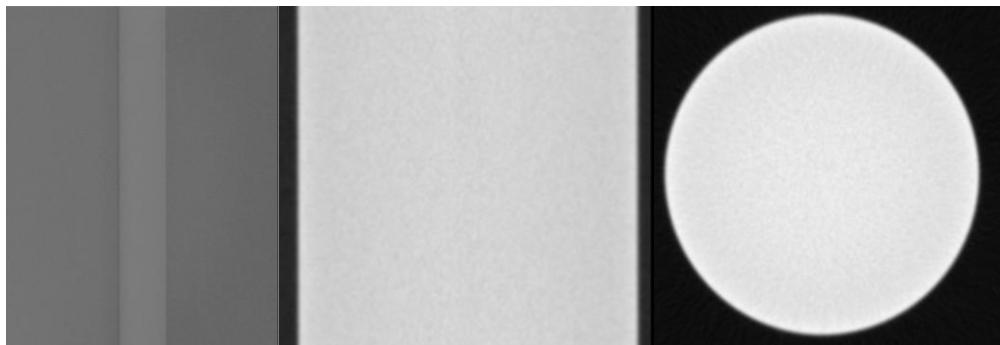
Additional benefits:

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

2.4 and earlier ALL SubpiX

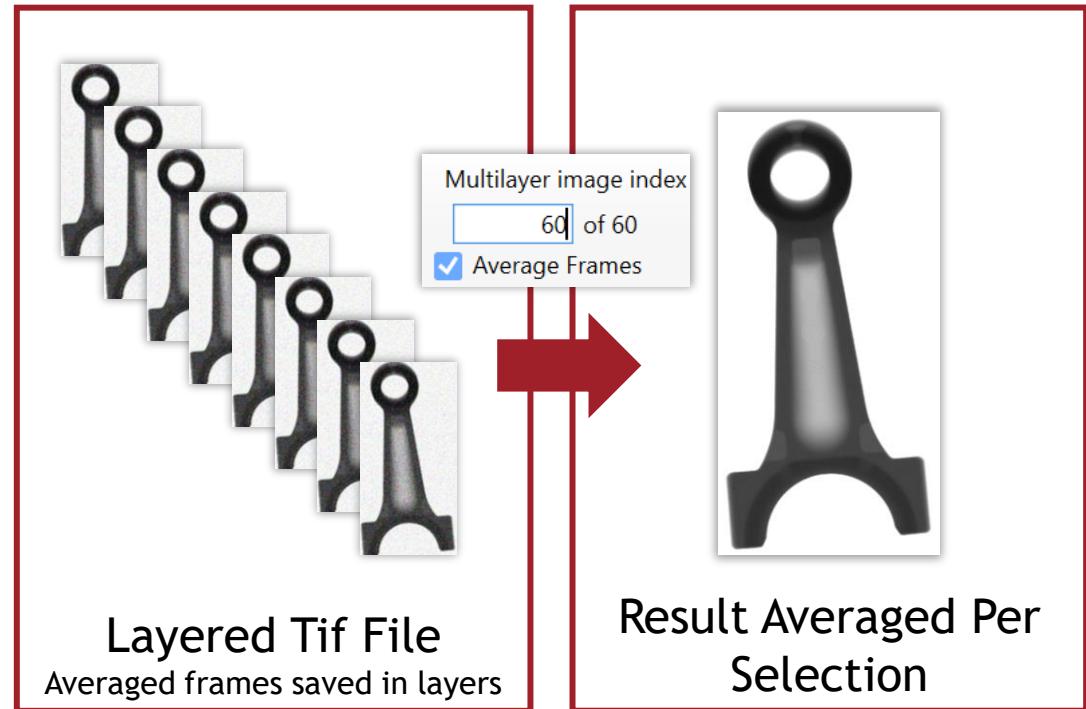


RR 4-Tile, 2-Tile, and 1-Tile



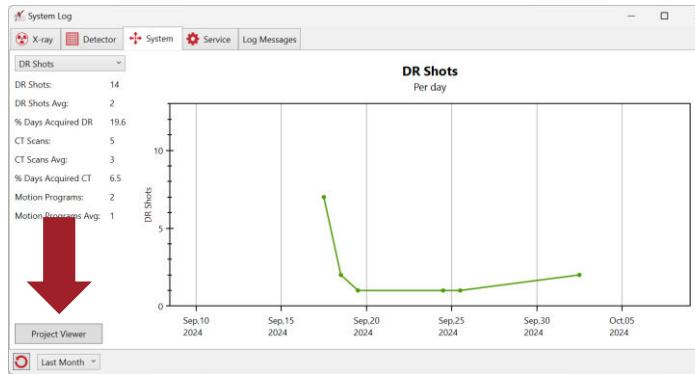
efX Layered Frames

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



efX Project Viewer

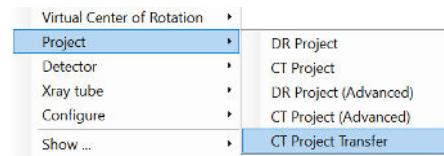
- Look up previous DR/CT project techniques
 - Search by name
- Recover project or technique sheet



NSI-Dev CT Acquisition Technique Sheet						
CT Projects		Search project	Machine ID:	TestModel		
Recover	Date	Project	Version	User	View Tech	Save Tech
Recover	2024-10-24 12:06	D:\xx\scratch\DDfasdf\DDfasdf.nsipro	2.4.3.3	wahrendt	View Tech	Save Tech
Recover	2024-10-24 12:06	D:\xx\scratch\DDfasdf\DDfasdf.nsipro	2.4.3.3	wahrendt	View Tech	Save Tech
Recover	2024-10-07 17:05	D:\xx\scratch\Eveee_Circular_PEN\Eveee_Circular_PEN.nsipro	2.4.3.1	wahrendt	View Tech	Save Tech
Recover	2024-09-09 15:40	D:\xx\scratch\test\test4.nsipro	2.4.3.0	wahrendt	View Tech	Save Tech
Recover	2024-09-09 15:37	D:\xx\scratch\test\test3.nsipro	2.4.3.1	wahrendt	View Tech	Save Tech
Recover	2024-09-09 15:33	D:\xx\scratch\test\test2.nsipro	2.4.3.1	wahrendt	View Tech	Save Tech
Recover	2024-09-09 15:27	D:\xx\scratch\test\test.nsipro	2.4.3.0	wahrendt	View Tech	Save Tech
Recover	2024-08-13 12:50	D:\xx\scratch\ggg\ggg.nsipro	2.4.3.0	wahrendt	View Tech	Save Tech
Recover	2024-08-13 12:22	D:\xx\scratch\DDfasdf\DDfasdf.nsipro	2.4.3.0	wahrendt	View Tech	Save Tech
Recover	2024-08-12 14:46	D:\xx\scratch\Textcontsubpix\Textcontsubpix.nsipro	2.4.3.0	wahrendt	View Tech	Save Tech
Recover	2024-08-12 12:25	D:\xx\scratch\Subpix\Subpix.nsipro	2.4.3.0	wahrendt	View Tech	Save Tech
Recover	2024-07-17 10:38	D:\xx\scratch\DDddad\DDddad.nsipro	2.4.2.2	wahrendt	View Tech	Save Tech
Recover	2024-07-17 10:34	D:\xx\scratch\ffff\ffff.nsipro	2.4.2.4	wahrendt	View Tech	Save Tech
Recover	2024-07-17 10:33	D:\xx\scratch\ffff\ffff.nsipro	2.4.2.4	wahrendt	View Tech	Save Tech
Recover	2024-07-17 10:20	D:\xx\scratch\DDsf\DDsf.nsipro	2.4.2.4	wahrendt	View Tech	Save Tech
Recover	2024-07-17 09:21	D:\xx\scratch\Textpostac\Textpostac2.nsipro	2.4.2.4	wahrendt	View Tech	Save Tech
Recover	2024-07-17 09:21	D:\xx\scratch\Textpostac\Textpostac2.nsipro	2.4.2.4	wahrendt	View Tech	Save Tech
Recover	2024-07-17 09:18	D:\xx\scratch\Textcorrections\Textcorrections2.nsipro	2.4.2.4	wahrendt	View Tech	Save Tech
Recover	2024-07-17 09:18	D:\xx\scratch\Textcorrections\Textcorrections2.nsipro	2.4.2.4	wahrendt	View Tech	Save Tech
Recover	2024-07-16 10:25	D:\xx\scratch\Subpix1\Subpix1.nsipro	2.4.2.4	wahrendt	View Tech	Save Tech
Recover	2024-07-09 12:36	D:\6666\6666.nsipro	2.4.2.3	wahrendt	View Tech	Save Tech
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Recover	2024-07-03 09:38	D:\5555\5555.nsipro	2.4.2.4	wahrendt	View Tech	Save Tech
Recover	2024-07-02 16:37	D:\Ddd\DDdd.nsipro	2.4.2.4	wahrendt	View Tech	Save Tech
Recover	2024-07-02 16:32	D:\5555\5555.nsipro	2.4.2.4	wahrendt	View Tech	Save Tech
Recover	2024-07-02 16:25	D:\33\33.nsipro	2.4.2.4	wahrendt	View Tech	Save Tech
Recover	2024-07-02 16:06	D:\Textmutant\Textmutant.nsipro	2.4.2.4	wahrendt	View Tech	Save Tech

efX 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

