



# Registry Integration: STS Import Tool



# Integrating STS Data with MPOG Data

- Optional for sites that are interested in integrating their surgical registry data with their MPOG data. Sites must also participate with the Society of Thoracic Surgeons (STS) registry to be eligible to perform this merge.
  - STS – Adult Cardiac (STS-ACSD) “STS Cardiac”
  - STS – General Thoracic (STS-GTSD) “STS Thoracic”
  - STS – Congenital Heart (STS-CHSD)
  - STS – Intermacs (LVAD database)
- If your site would like to start integrating your STS data with MPOG, please visit our [website](#) to fill out an application and begin the process.

# STS Import Tool

- To use the STS import tool:
  - First use your STS vendor application to extract a harvest file containing MRNs (or SSNs if MRNs are not available).
  - The instructions for different vendors in subsequent slides.
  - Once you have a harvest file, use the MPOG Application Suite to input this data into your local MPOG database.
  - The data can then be PHI scrubbed and transferred to the central repository.

# STS Harvest Schedule

## Adult Cardiac Surgery Database

### 2026 Harvest

Term	Harvest Submission Window Close	Opt-Out Date	Includes Procedures Performed Through:	Report Posting	Comments
Harvest 1	February 20	February 24	December 31, 2025	Spring 2026	Star Rating
Harvest 2	May 29	June 2	March 31, 2026	Summer 2026	
Harvest 3	August 28	September 1	June 30, 2026	Fall 2026	Star Rating
Harvest 4	November 20	November 24	September 30, 2026	Winter 2026/2027	

STS Harvest schedule available [here](#)

## General Thoracic Surgery Database

### 2026 Harvest

Term	Harvest Submission Window Close	Opt-Out Date	Includes Procedures Performed Through:	Report Posting	Comments
Spring 2026	March 13	March 17	December 31, 2025	Summer 2026	
Fall 2026	September 18	September 22	June 30, 2026	Winter 2026	

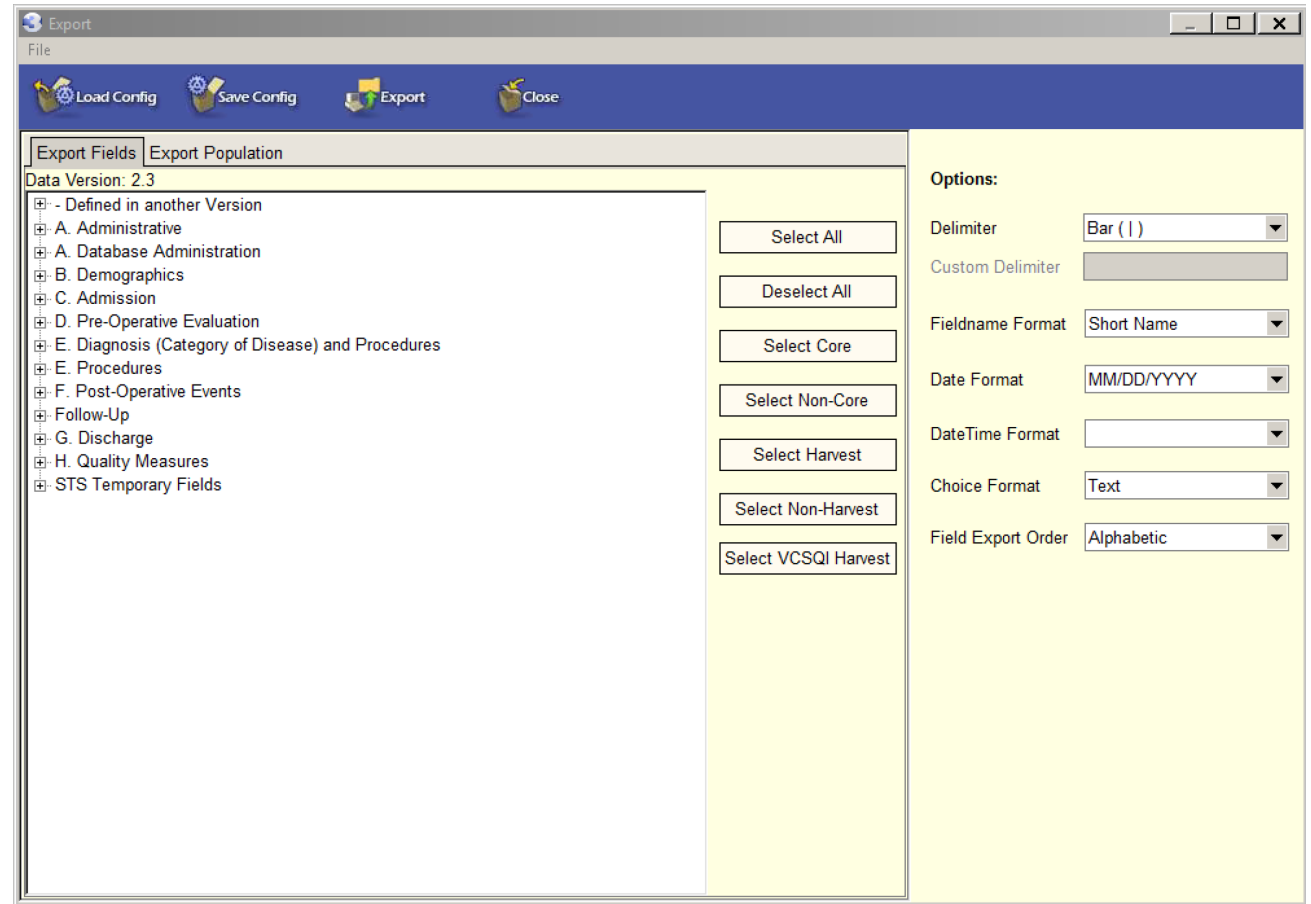
## Congenital Heart Surgery Database

### 2026 Harvest

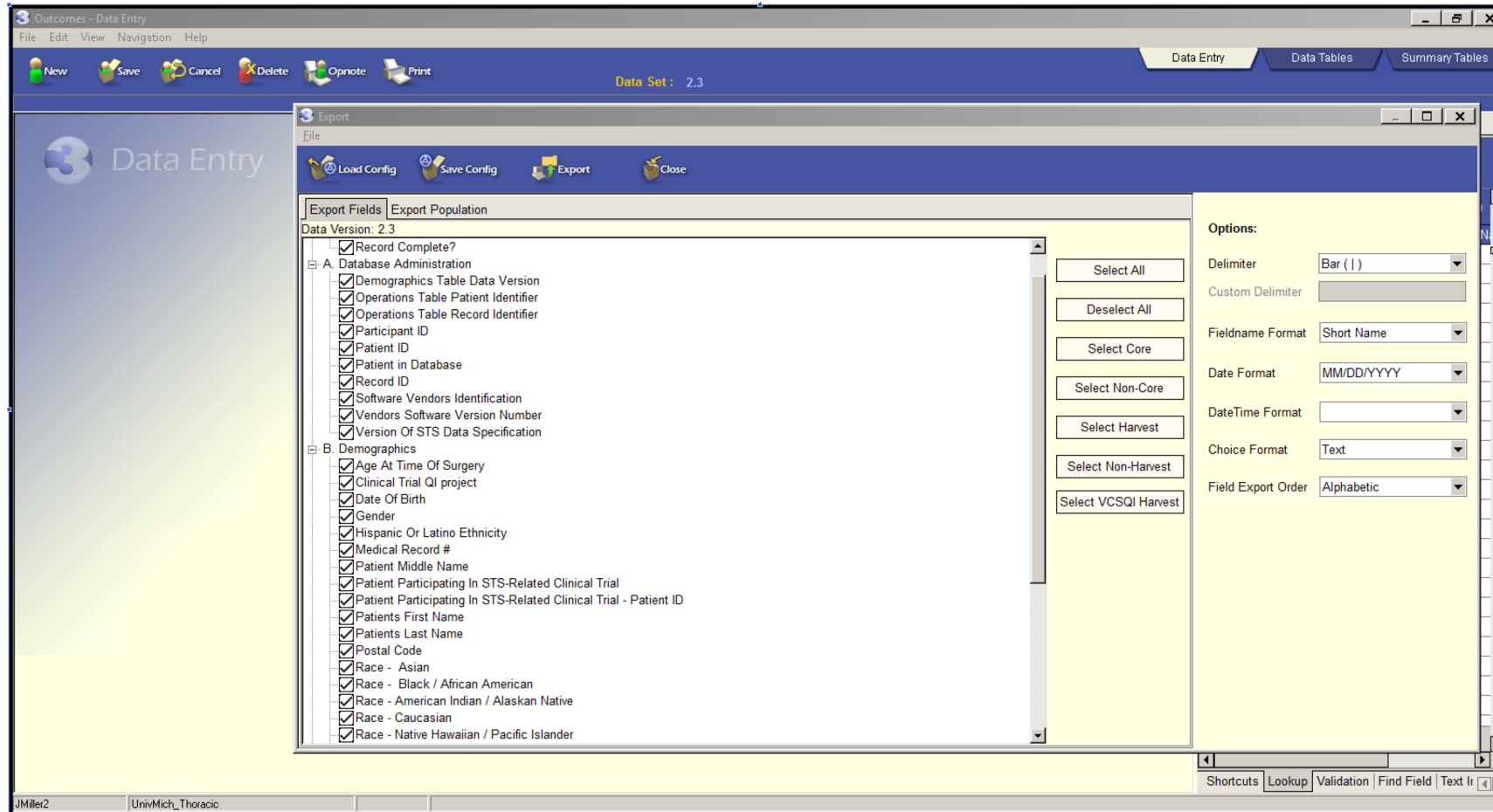
Term	Harvest Submission Window Close	Opt-Out Date	Includes Procedures Performed Through:	Report Posting	Comments
Spring 2026	March 27	March 31	December 31, 2025	Summer 2026	
Fall 2026	October 9	October 13	June 30, 2026	Winter 2026	

# Vendor Application Instructions: ARMUS

1. File → Export → Select All
2. Pick Date Range: Chose field within Diagnoses and Procedures → Date of Surgery → add date range as filter
3. Fieldname Format: Short Name
4. Choice Format: Choose Harvest (codified values)
5. Field Export Order: Automatic
6. Export as a .dat file

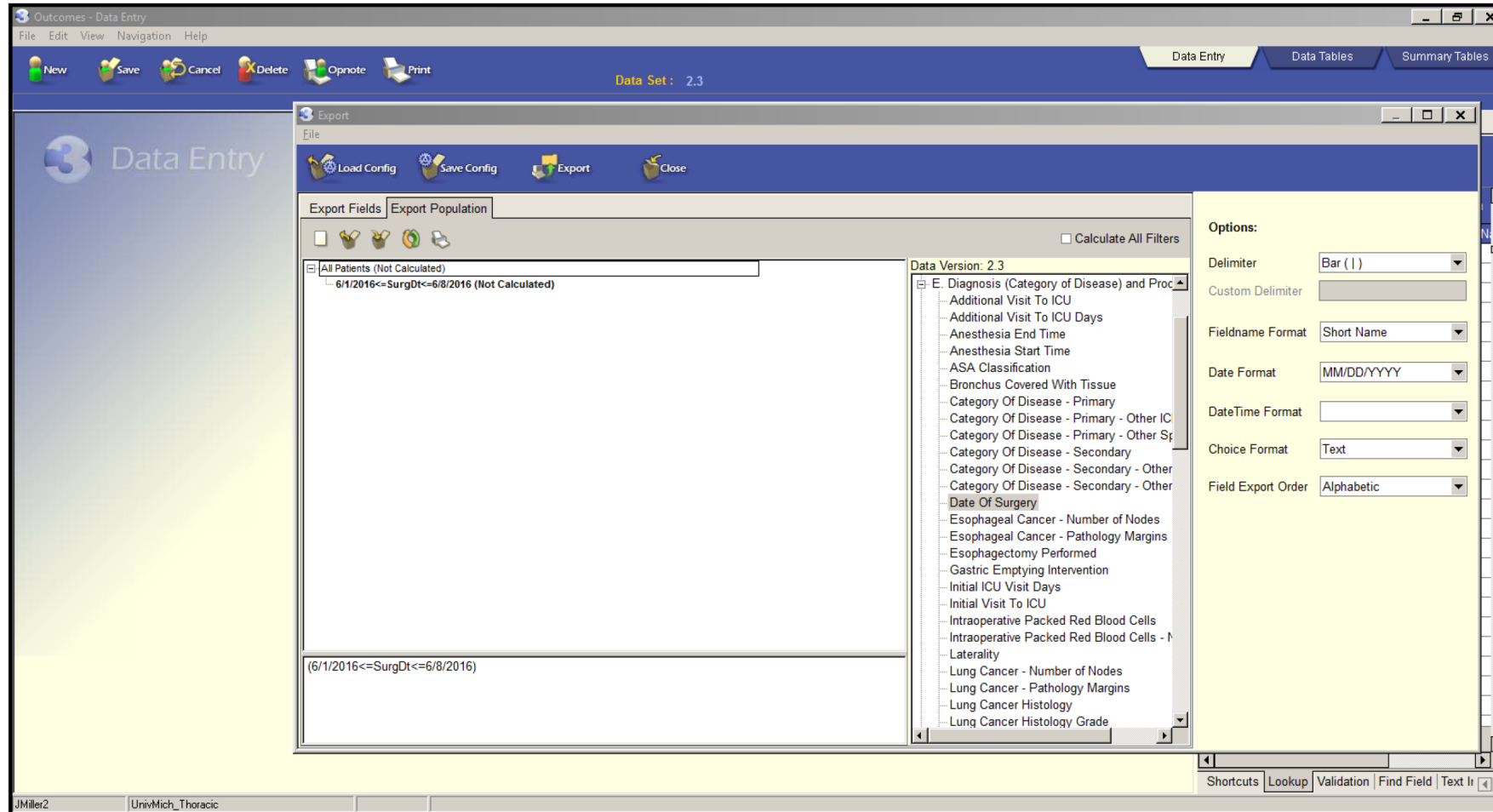


# Vendor Application Instructions: ARMUS



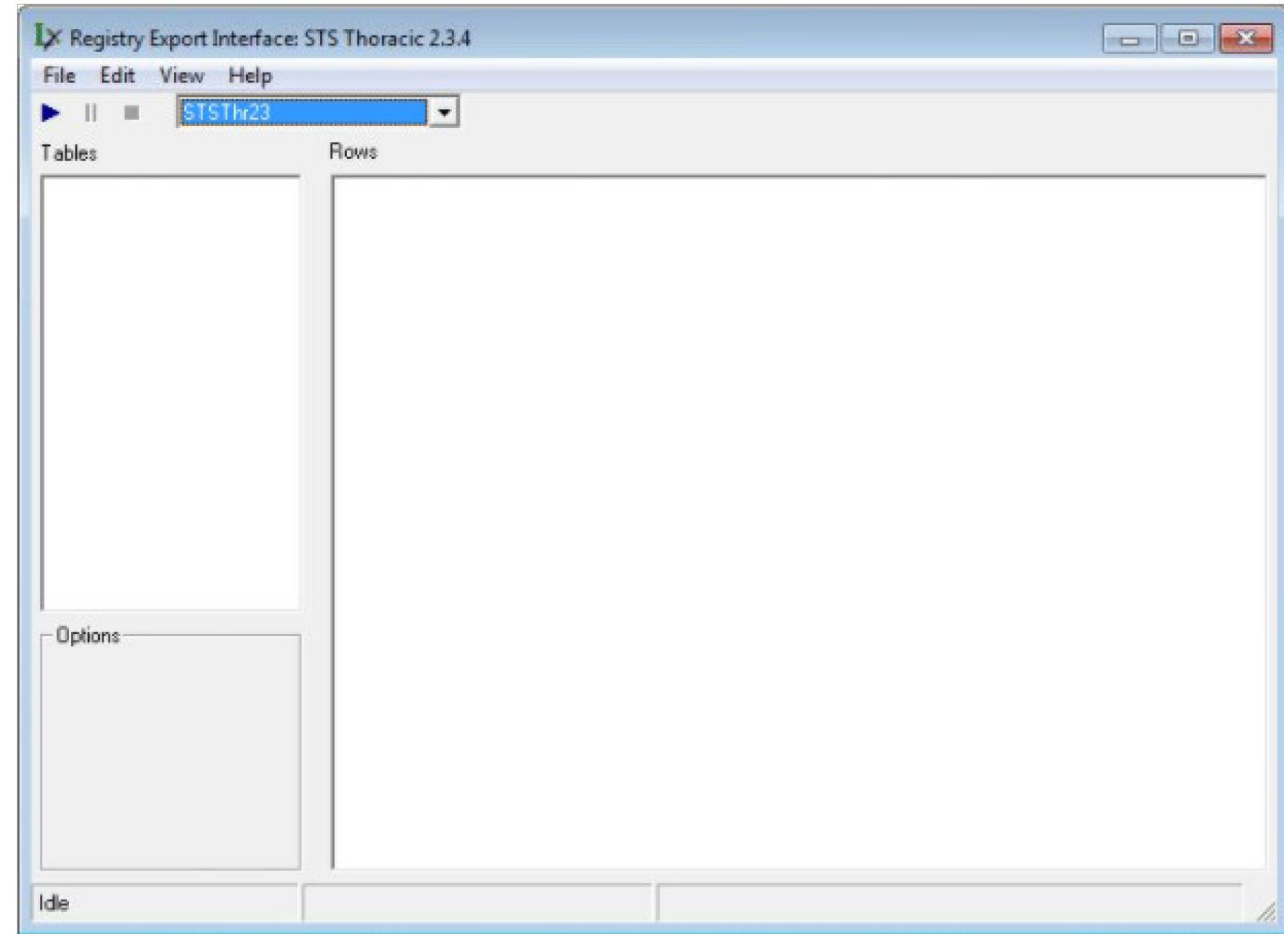


# Vendor Application Instructions: ARMUS



# Vendor Application Instructions: LumedX

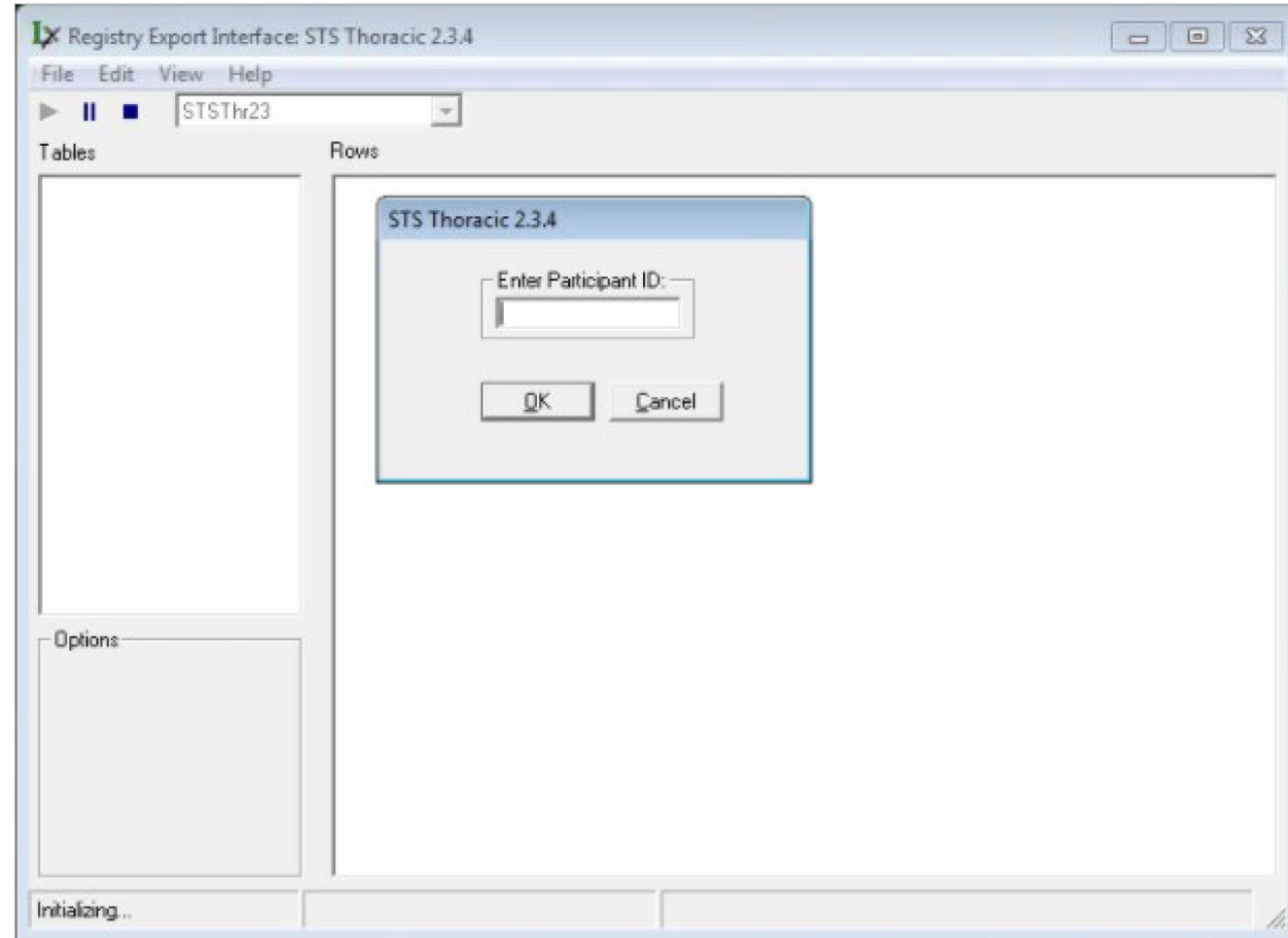
1. Select from the drop-down which STS version you would like to pull data for, then click the “play” button





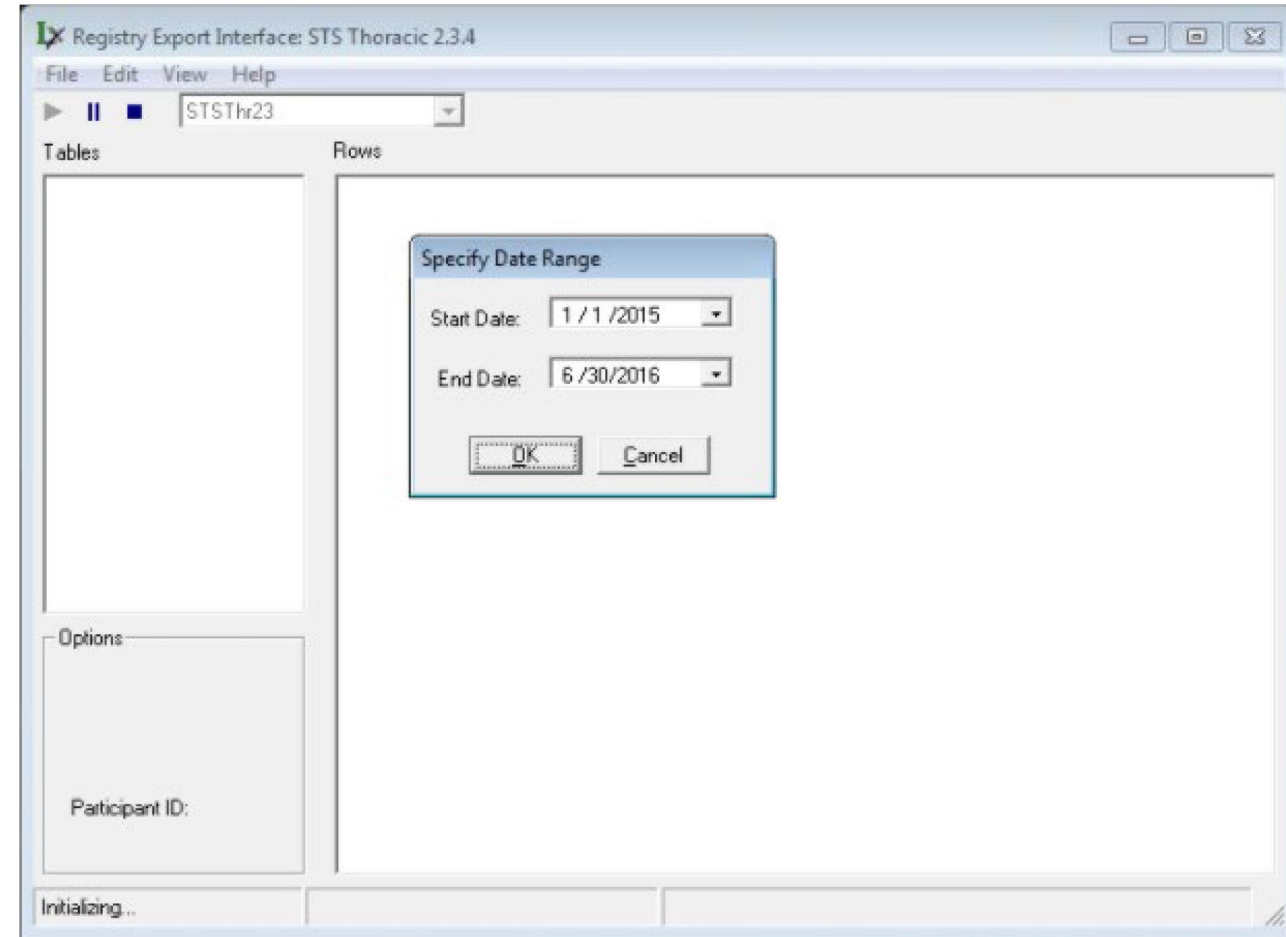
# Vendor Application Instructions: LumedX

2. Enter your 5-digit participant ID into the box that pops up.



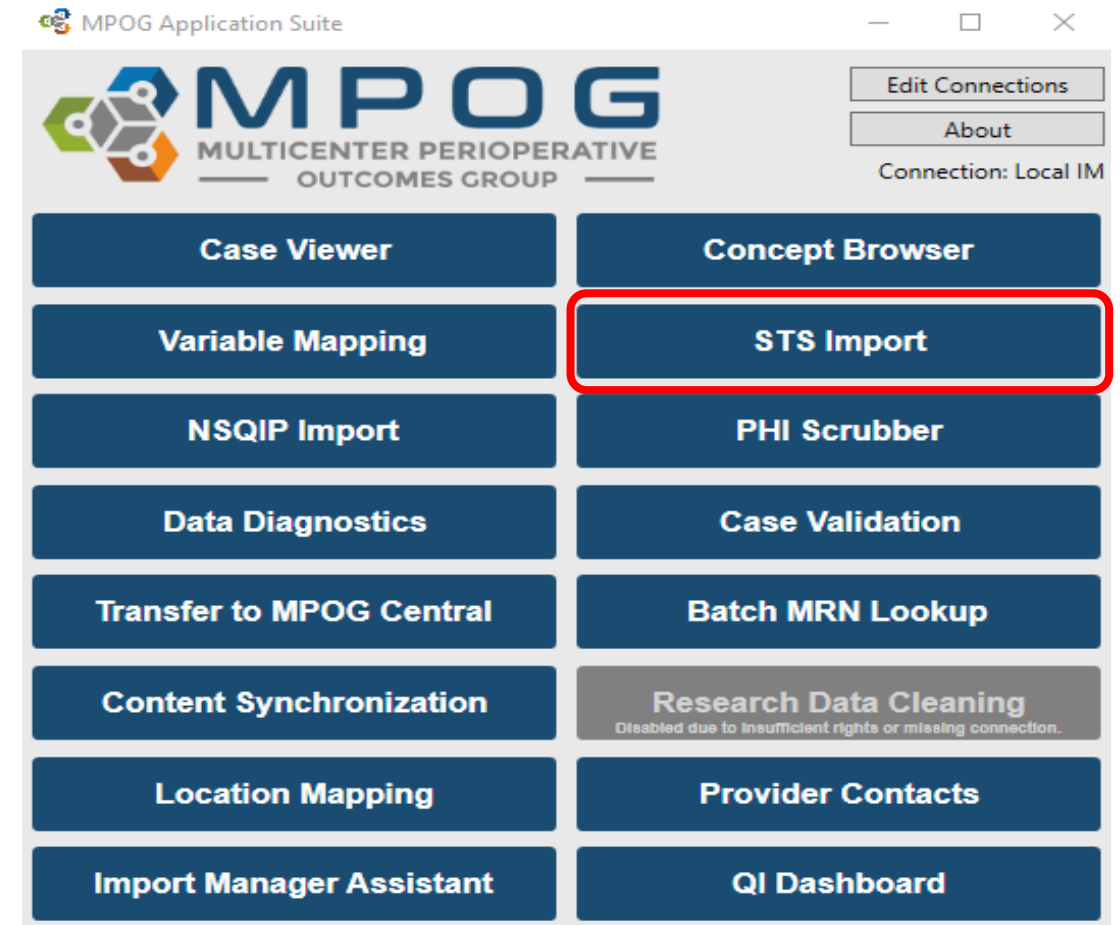
# Vendor Application Instructions: LumedX

3. Specify the date range that you would like to extract data for, then click OK



# MPOG Import

- Once you have your harvest file ready, open the MPOG Application Suite.
- Open the STS Import application.



# MPOG Import

- The first screen will show you the import status including:
  - Number of Cases
  - What percentage of those STS records have been patient-matched locally
  - Which months of data have been imported
  - Date of last upload

Click on the import tab to start an import of a harvest file

STS Import

Thoracic Status | Cardiac Status | Import

Thoracic Import Status

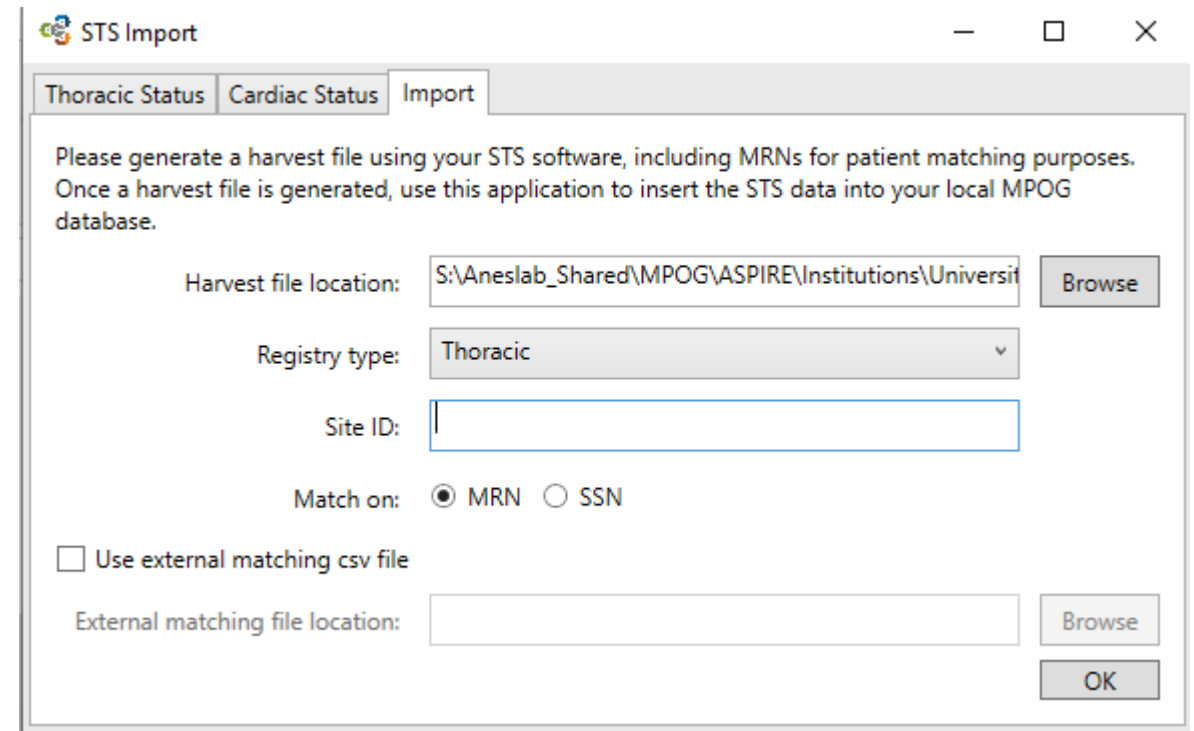
Month	STS Case Count	% Patient Matched	Last Imported	Last Uploaded
January 2016	57	100.00		
February 2016	45	100.00		
March 2016	62	100.00		
April 2016	52	100.00		
May 2016	55	100.00		

Thoracic Import History

Import Date	Status	Message	Harvest File Location
	Success		
	Success		
	Success		
	Success		

# MPOG Import

4. Locate your STS harvest file using the “browse” button, then select if you are going to match on MRN or SSN (MRN preferred). Use the external matching CSV file option only in MRNs or SSNs are not populated directly within the harvest file



The screenshot shows the 'STS Import' application window with the 'Import' tab selected. The window contains the following fields and controls:

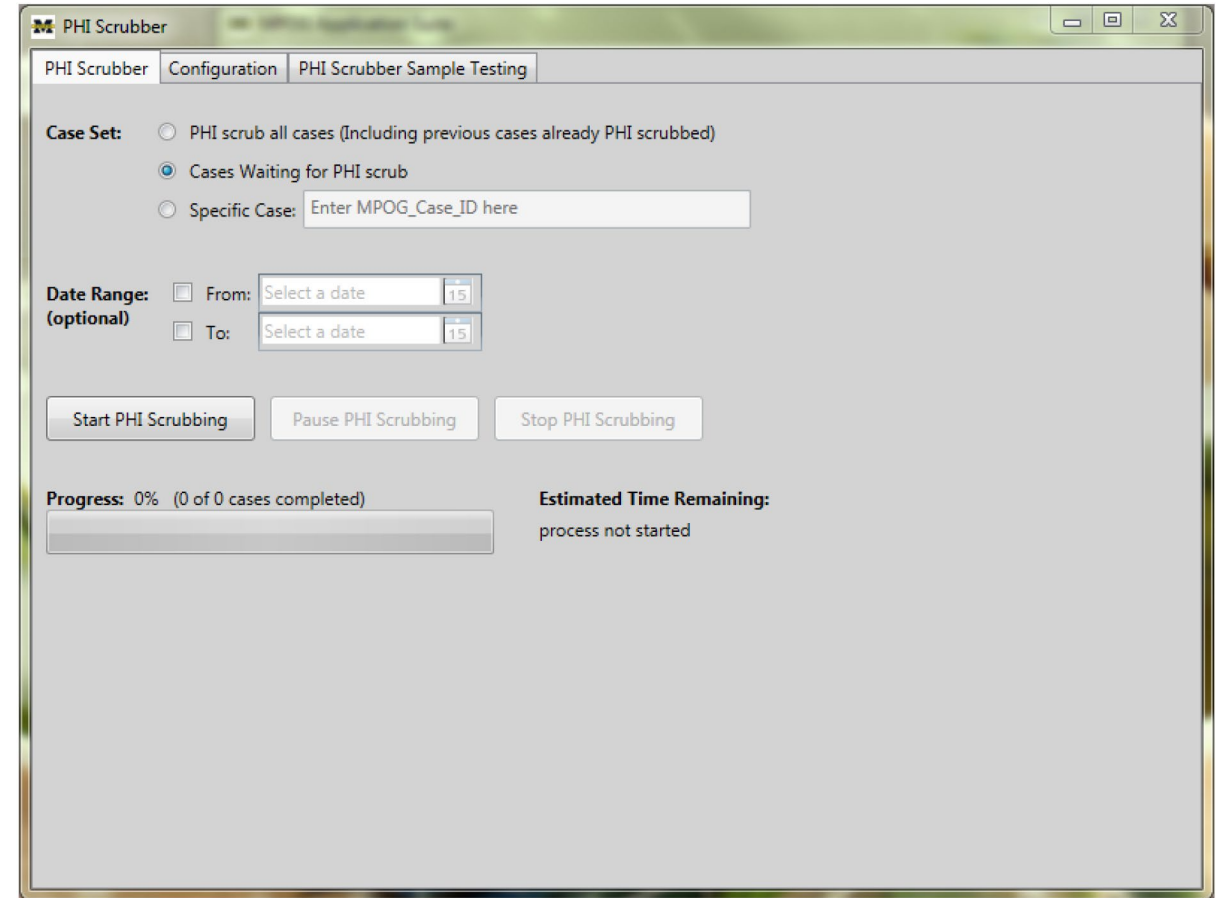
- Harvest file location:** A text box containing 'S:\Aneslab\_Shared\MPOG\ASPIRE\Institutions\Universit' and a 'Browse' button.
- Registry type:** A dropdown menu with 'Thoracic' selected.
- Site ID:** An empty text box.
- Match on:** Radio buttons for 'MRN' (selected) and 'SSN'.
- Use external matching csv file:** An unchecked checkbox.
- External matching file location:** An empty text box and a 'Browse' button.
- Buttons:** 'OK' and 'Cancel' buttons at the bottom right.

Instructions within the window: "Please generate a harvest file using your STS software, including MRNs for patient matching purposes. Once a harvest file is generated, use this application to insert the STS data into your local MPOG database."

# MPOG Import

5. Click 'OK' to start the import process. The process will import the STS data into the local MPOG database, perform patient matching, and set any PHI scrubber flags and transfer flags appropriately.

After the process is complete, please run the PHI scrubber on "Cases Waiting for PHI scrub"



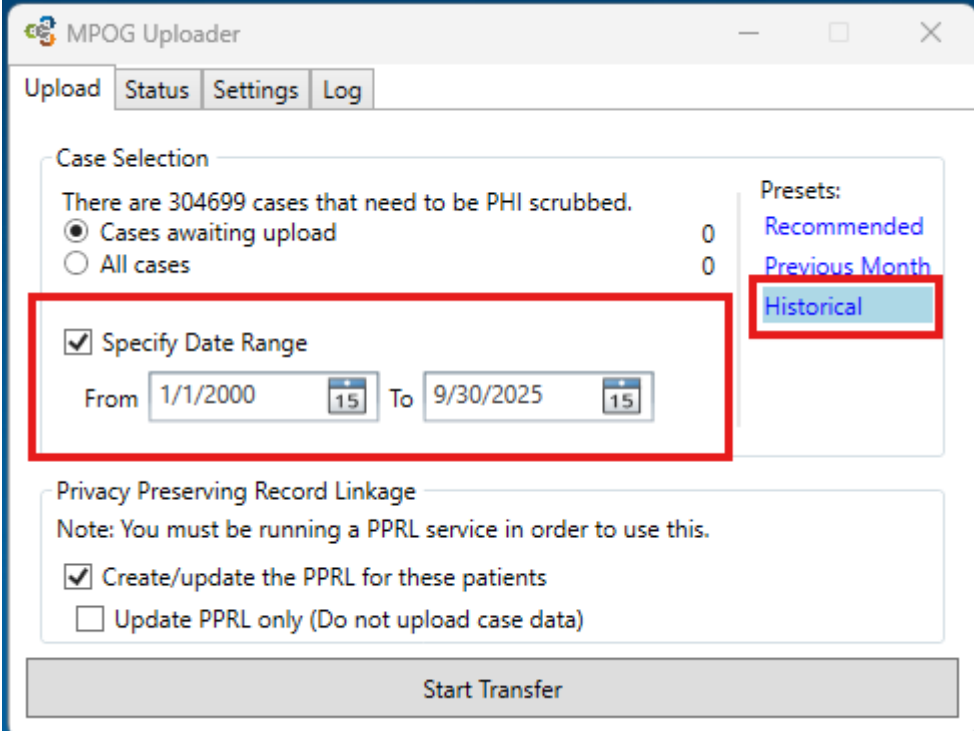
The screenshot shows the 'PHI Scrubber' application window with three tabs: 'PHI Scrubber', 'Configuration', and 'PHI Scrubber Sample Testing'. The 'PHI Scrubber' tab is active. It contains the following elements:

- Case Set:** Three radio button options: 'PHI scrub all cases (Including previous cases already PHI scrubbed)', 'Cases Waiting for PHI scrub' (which is selected), and 'Specific Case: Enter MPOG\_Case\_ID here' (with an adjacent text input field).
- Date Range (optional):** Two checkboxes labeled 'From:' and 'To:', each followed by a date selection calendar.
- Buttons:** Three buttons labeled 'Start PHI Scrubbing', 'Pause PHI Scrubbing', and 'Stop PHI Scrubbing'.
- Progress:** A label 'Progress: 0% (0 of 0 cases completed)' above a horizontal progress bar.
- Estimated Time Remaining:** A label 'Estimated Time Remaining: process not started'.



# MPOG Import

6. To transfer the scrubbed STS records, please use the transfer application. Select the 'Historical' preset. You will also have to enter the dates that you want to transfer in the 'Specify Date Range' section.



The screenshot shows the 'MPOG Uploader' application window. It has a tabbed interface with 'Upload', 'Status', 'Settings', and 'Log'. The 'Upload' tab is active. Under 'Case Selection', it states 'There are 304699 cases that need to be PHI scrubbed.' and offers two radio button options: 'Cases awaiting upload' (selected) and 'All cases'. To the right, under 'Presets', there are three links: 'Recommended', 'Previous Month', and 'Historical'. The 'Historical' link is highlighted with a red box. Below this, the 'Specify Date Range' section is also highlighted with a red box. It contains a checked checkbox 'Specify Date Range' and two date pickers: 'From 1/1/2000' and 'To 9/30/2025'. At the bottom, there is a 'Privacy Preserving Record Linkage' section with a note: 'Note: You must be running a PPRL service in order to use this.' It has two checkboxes: 'Create/update the PPRL for these patients' (checked) and 'Update PPRL only (Do not upload case data)' (unchecked). A 'Start Transfer' button is at the bottom right.

# Contact Info

- For questions, please contact [support@mpog.zendesk.com](mailto:support@mpog.zendesk.com) for any technical assistance with the STS import application