



Health  
Financial  
Systems

# Data Extractor & Batch Data Extractor

The Leader in  
**Medicare Cost Report Software**



# Data Extractor Overview

- Data Extractor (“DE”) and Batch Data Extractor ( “BDE”) extract data from any part of the cost report.
- Data extractor works on 1 open cost report.
- Batch Data Extractor works on one or more cost reports.
- Data Extractor specs are saved in a separate file that can be reused and also shared with coworkers. This file will have the extension .csdx
- Data Extractor spec files are form specific.



# Data Extractor

## Threshold & Special Reports

Did you know that the Data Extractor can extract data from Special Reports:

- 902 Interns and Residents to Beds Ratio Report
- 903 Long-Term Care Report
- 905 CAH Medicare Impact Report
- 906 Payment to Cost Ratios Report
- 909 CA 1 RCC Report



# Data Extractor

## Threshold & Special Reports

Did you know that the Data Extractor can extract data from Special Reports:

- 910 CAH 1 RCC Calculation Report
- 911 Psych Rate Report
- 913 CAH 96 Hr Verification Report
- 916 OPPS RCC Report
- 917 Cost to Charge Ratio Report
- 918 Pass Thru Per Diem Report
- 920 Rehab Hospital PPS Report
- 921 HITECH FISS Data Report

The screenshot shows the 'Data Extractor' application window. The title bar reads 'Data Extractor'. Below the title bar is a 'Specifications' section with a dropdown menu set to 'Data Extractor Specs' and a file path 'C:\Users'. The main area displays a table with the following data:

Worksheet	Program	Provider	Line Number	Column Number	Other Data
SR 902			999.00	1.00	
SR 903			27.00	1.00	
SR 905			999.99	1.00	
SR 911		Hospital	999.00	1.00	
SR 913			27.00	1.00	



# Data Extractor

## Wildcards

### Pre-defined worksheet/column wildcards

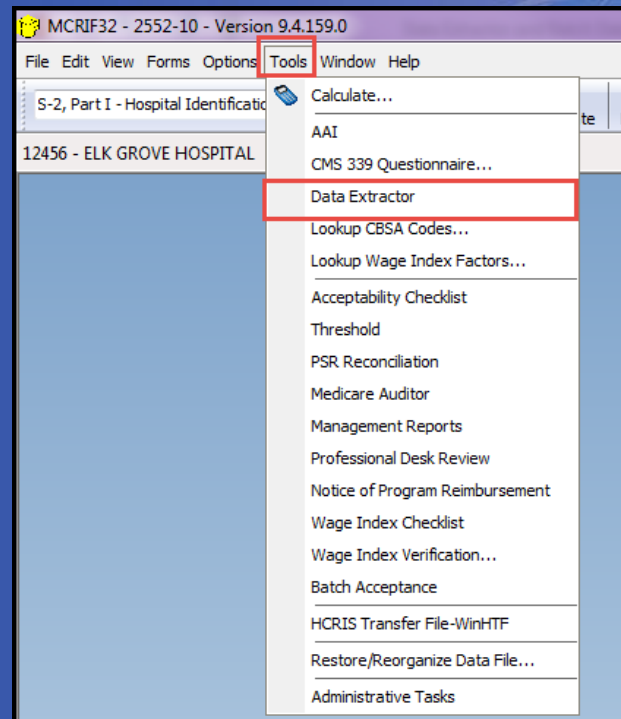
- 999.00 – Extracts ALL lines/columns (no subscripts).
- X.99 – Extracts ALL subscripts for the specified line/column.
- 999.99 – Extracts ALL lines/columns and ALL subscripts.

\*\* If 999.99 is used in both the line and the column sections then ALL fields on the worksheet will be extracted.



# Data Extractor Getting Started

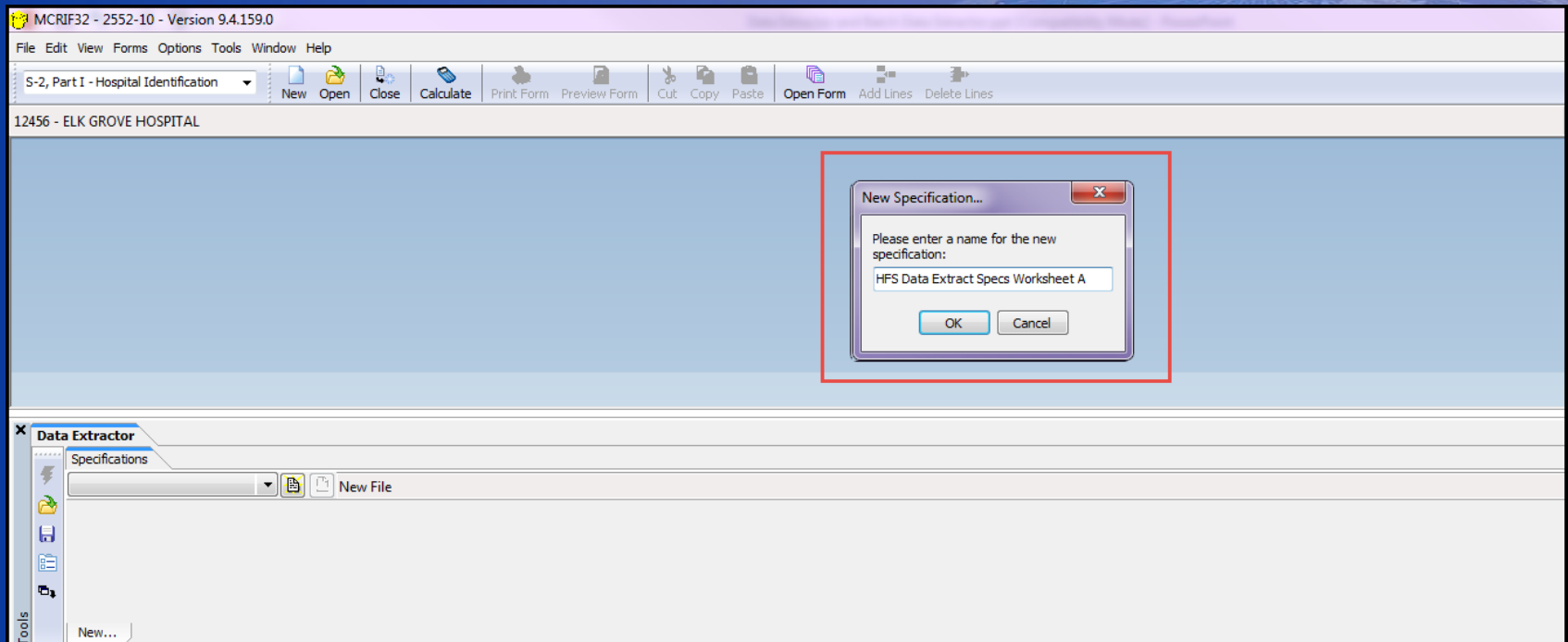
Have a cost report file open and go to Tools | Data Extractor





# Data Extractor Getting Started

If you do not already have an existing .csdx file, the software will prompt you to create a new one.





# Data Extractor Getting Started

After giving your specs a name, click the OK button. A new tab will be created with that name at the bottom.

MCRIF32 - 2552-10 - Version 9.4.159.0

File Edit View Forms Options Tools Window Help

S-2, Part I - Hospital Identification

New Open Close Calculate Print Form Preview Form Cut Copy Paste Open Form Add Lines Delete Lines

12456 - ELK GROVE HOSPITAL Fiscal Year: 01/01/2015 to 12/31/2015 Calculated

**Data Extractor**

Specifications

HFS Data Extract Specs Workshe C:\Users\jcoleman\Desktop\UM\Presentation\2552-10.csd

Worksheet	Program	Provider	Line Number	Column Number	Other Data
			0.00	0.00	

HFS Data Extract Specs Worksheet A New...





# Data Extractor

## Getting Started

Also, a .csdx file will be created. In this example the file is named 2552-10.csdx because a Hospital 2552-10 report was open.

\*\*\*If you are an HFS HCRIS website user, you can upload this file into the system and pull these specs out of any 2552-10 file in the database.

MCRIF32 - 2552-10 - Version 9.4.159.0

File Edit View Forms Options Tools Window Help

S-2, Part I - Hospital Identification

New Open Close Calculate Print Form Preview Form Cut Copy Paste Open Form Add Lines Delete Lines

12456 - ELK GROVE HOSPITAL

Fiscal Year: 01/01/2015 to 12/31/2015

Calculated

Data Extractor

Specifications

HFS Data Extract Specs Workshe

C:\Users\jcoleman\Desktop\UM\Presentation\2552-10.csdx

Worksheet	Program	Provider	Line Number	Column Number	Other Data
			0.00	0.00	

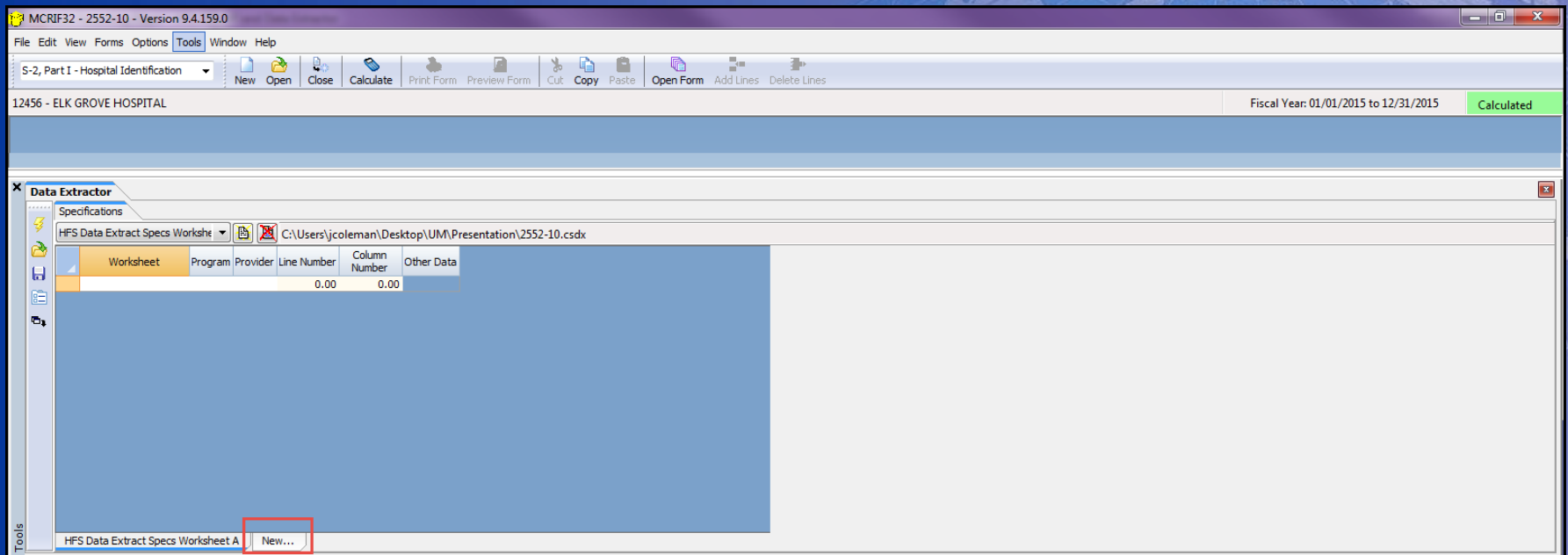
HFS Data Extract Specs Worksheet A

New...



# Data Extractor Getting Started

You can have multiple tabs with different specs by clicking on the tab titled 'New'. For example you can have a tab for days, payments or particular worksheets.





# Data Extractor

## Explaining the icons



Action button to extract the data into a file.



Open and point to a different specification .csdx file.



Save specification .csdx file with a different name or different location.



Data Extractor Options, details on next slide.



Create an extraction from the active worksheet cell. Can click on a cell in a worksheet, click this button and the worksheet, line, column is filled out in the specification. Can highlight an entire section, will use wildcard.

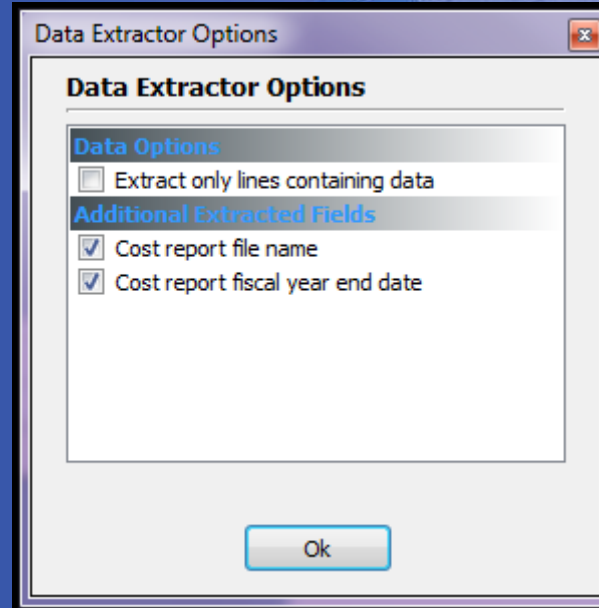


# Data Extractor

## Explaining the icons

Data Extractor Options will show up in every extract, there is no need to specify these lines.

Common settings are:

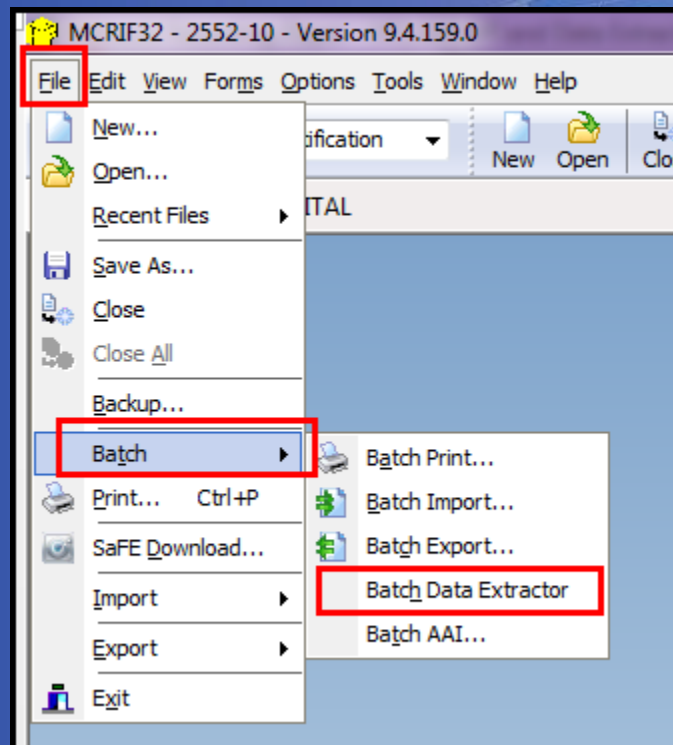




# Batch Data Extractor

## Getting Started

You can have a cost report file open or not, go to File | Batch | Batch Data Extractor





# Batch Data Extractor

## Getting Started

All form sets that are available will be shown, make sure the system you want to extract from is selected.

Batch Data Extractor

2552-10

Search Criteria

Data Specifications

Data Extraction

### Search Criteria

Create custom criteria to use when searching for matching cost report data.

Search Criteria

Use search criteria when searching for matching files.

Provider No.:  to

Fiscal Year End:  to

In the spreadsheet below, specify other custom search criteria to further narrow the returned data:

	Identifier	OP	Value
1			
2			
3			
4			

Search Criteria File: C:\MCRIF32\2552-10.dsc

2540-10

265-11

1728-94

2088-92

222-92

1984-14

224-14

2552-96

2540-96

265-94

1984-99

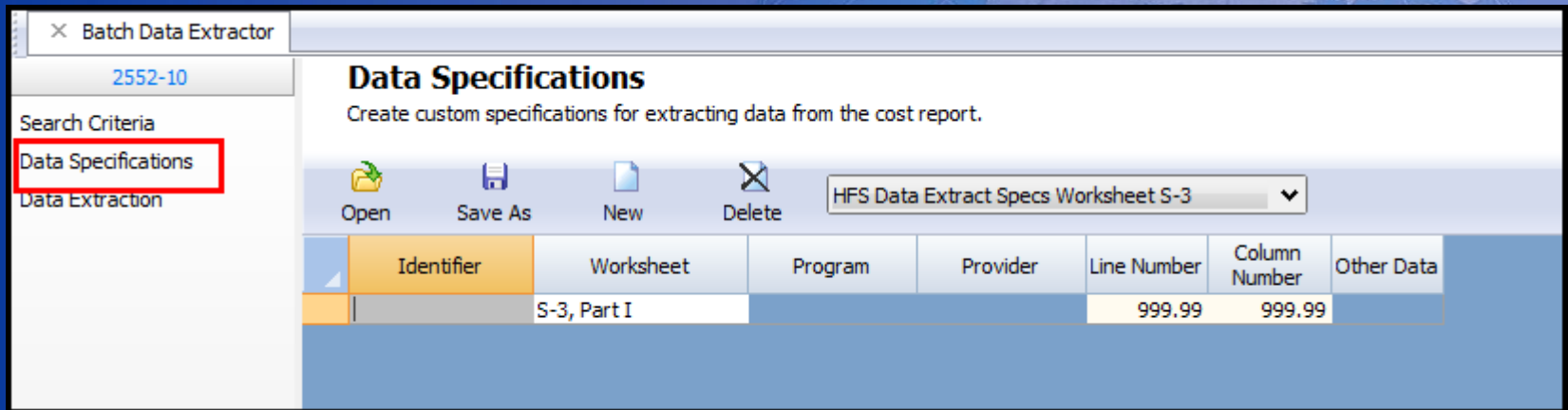


# Batch Data Extractor

## Getting Started

### Data Specifications

- Opens the same .csdx file we were just using in the single file data extractor.
- Can add to the specification file with new specifications.
- Can point to a different file.



The screenshot shows the 'Batch Data Extractor' application window. The title bar reads 'Batch Data Extractor'. Below the title bar, the window is titled '2552-10'. On the left side, there is a navigation pane with three items: 'Search Criteria', 'Data Specifications' (highlighted with a red box), and 'Data Extraction'. The main area is titled 'Data Specifications' and contains the instruction: 'Create custom specifications for extracting data from the cost report.' Below this instruction is a toolbar with icons for 'Open', 'Save As', 'New', and 'Delete'. To the right of the toolbar is a dropdown menu showing 'HFS Data Extract Specs Worksheet S-3'. Below the toolbar is a table with the following columns: 'Identifier', 'Worksheet', 'Program', 'Provider', 'Line Number', 'Column Number', and 'Other Data'. The table contains one row with the following values: 'S-3, Part I', 'S-3, Part I', (empty), (empty), '999.99', '999.99', and (empty).

Identifier	Worksheet	Program	Provider	Line Number	Column Number	Other Data
S-3, Part I	S-3, Part I			999.99	999.99	



# Batch Data Extractor

## Getting Started

### Data Extraction

- Can extract from .mcrx and .mcax files.
- Can add individual file or can point to a whole folder of files.
- Can select what format the extract should be in.

The screenshot displays the 'Batch Data Extractor' application window. The title bar shows 'Batch Data Extractor' and the window ID '2552-10'. On the left, a sidebar contains 'Search Criteria', 'Data Specifications', and 'Data Extraction', with the latter highlighted by a red box. The main area is titled 'Data Extraction' and contains the following settings:

- Data Source Type:** A dropdown menu set to 'Cost Report Files (\*.mcrx;\*.mcax)'.
- Data Source:** Two radio button options:
  - Extract data from all cost report files in this location: [Text Field] [Browse...]
  - Extract data from the selected files: [List Box] [Add...] [Remove]
- Data Specifications:** A dropdown menu set to 'HFS Data Extract Specs Worksheet S-3' and an 'Options...' button. A checkbox for 'Use registered search criteria.' is unchecked.
- Output Type:** A dropdown menu set to 'Comma Separated Value File (' and an 'Extract...' button.





# Batch Data Extractor

## Getting Started

### Search Criteria

- Helps to filter through the selected file so you are only extracting data from files that meet your criteria
  - Provider No.
    - Need knowledge about the Oscar number.
    - 1<sup>st</sup> and 2<sup>nd</sup> digits are state code.
    - 3<sup>rd</sup> and 4<sup>th</sup> digits tell what kind of hospital it is.
  - Fiscal year
    - This is a range.
  - Custom Search
    - Can create custom specifications.

The screenshot shows the 'Batch Data Extractor' application window. The title bar reads 'Batch Data Extractor'. Below the title bar, there are two tabs: '2552-10' and '2540-10'. The main content area is titled 'Search Criteria' and contains the following elements:

- A checkbox labeled 'Use search criteria when searching for matching files.' which is currently unchecked.
- A checkbox labeled 'Provider No.:' with two input fields. The first field contains '\*\*13\*\*' and the second field contains '\*\*13\*\*'.
- A checkbox labeled 'Fiscal Year End:' with two dropdown menus. The first dropdown shows '1/1/2015' and the second dropdown shows '12/31/2015'.
- A text prompt: 'In the spreadsheet below, specify other custom search criteria to further narrow the returned data:'
- A table with the following structure:

	Identifier	OP	Value	
1	[Beds]	>	0	▲
2				
3				
4				▼

At the bottom of the window, there are four buttons: 'Open', 'Save As', 'Clear', and 'Define'.



# Batch Data Extractor

## Getting Started

If the search criteria is not met, the file's data will not be extracted. The Data Extraction File Progress popup will show which files were used in the extract.

