

# EZSLAMX

Training Program



## CHAPTER 12

### Multi-Session Manipulations



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## Multi-Session Manipulations

- A. Introduction
- B. Selection
- C. Process
- D. Metrics Export
- E. Graphics Export
- F. Review



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# A. Introduction



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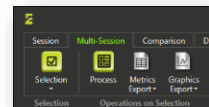
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## A. Introduction

### 1. Introduction

#### Multi-Session

In the Multi-Session tab, multiple sessions can be processed, and metrics and graphics can be exported.



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## B. Selection



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## B. Selection

### 1. Database Window

#### Selecting Individual Sessions

As many sessions as desired can be selected from the database window by checking the box next to the session.

| Selected                            | Processed                           | File | Client | Date       | Name                  | Version | Minimum Closing Speed |
|-------------------------------------|-------------------------------------|------|--------|------------|-----------------------|---------|-----------------------|
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | 2    |        | 2021 01 15 | EZM_Sample_Data_PB_01 | 3.1.3.0 | 679                   |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | 2    |        | 2021 01 15 | EZM_Sample_Data_PB_02 | 3.1.3.0 | 679                   |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | 2    |        | 2021 01 15 | EZM_Sample_Data_PB_03 | 3.1.3.0 | 766                   |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | 2    |        | 2021 01 26 | EZM_Sample_Data_PB_04 | 3.1.3.0 | 692                   |



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## B. Selection

### 2. Drop-Down

#### Select All

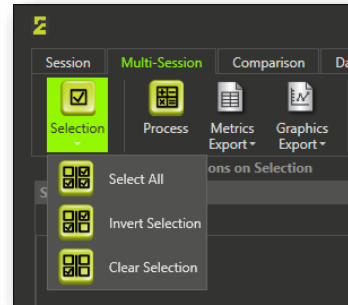
From the Database tab of the Main Menu, clicking on the Selection icon will open a drop-down menu, enabling the user to select all the sessions in the database.

#### Invert Selection

Selecting invert selection will unselect any checked session and select any unchecked.

#### Clear Selection

Selecting Clear Selection will deselect all sessions.

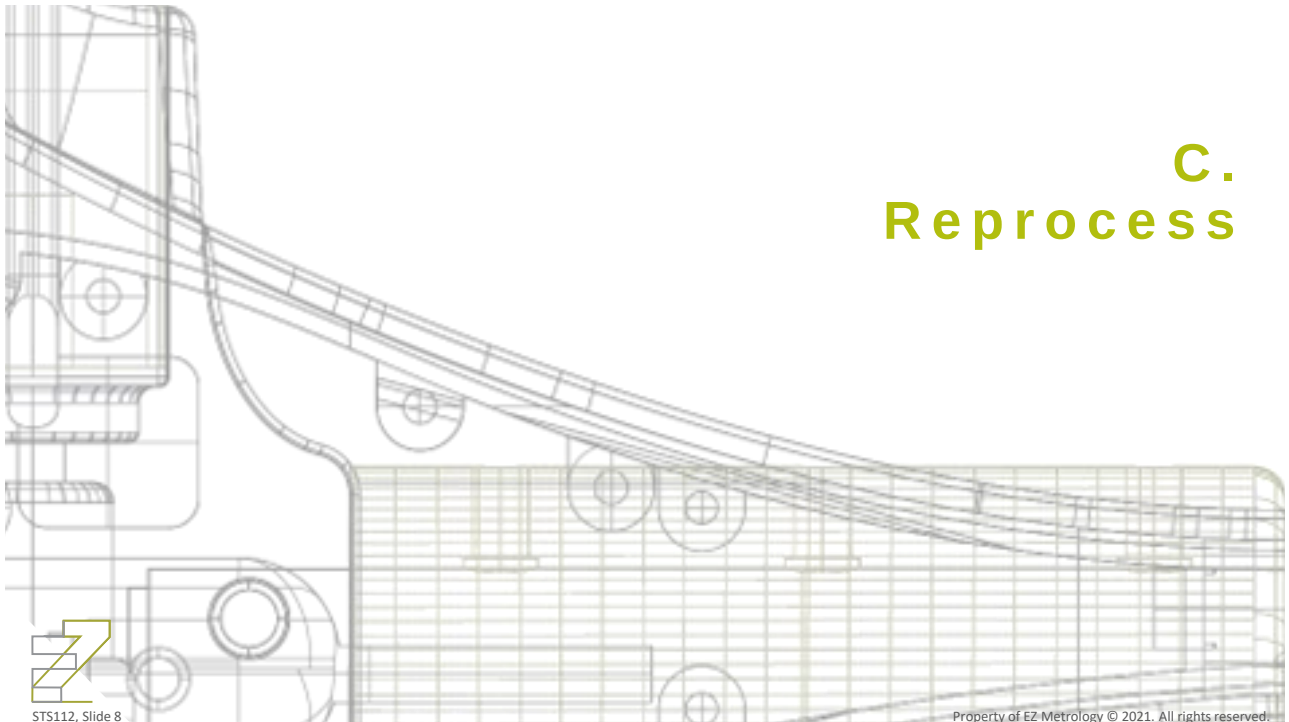


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## C. Reprocess



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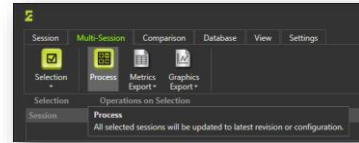
## C. Reprocess

### 1. Reprocessing

#### Reprocess Multiple Sessions

If new sessions have been imported, or if the software has been upgraded, sessions will need to be processed again.

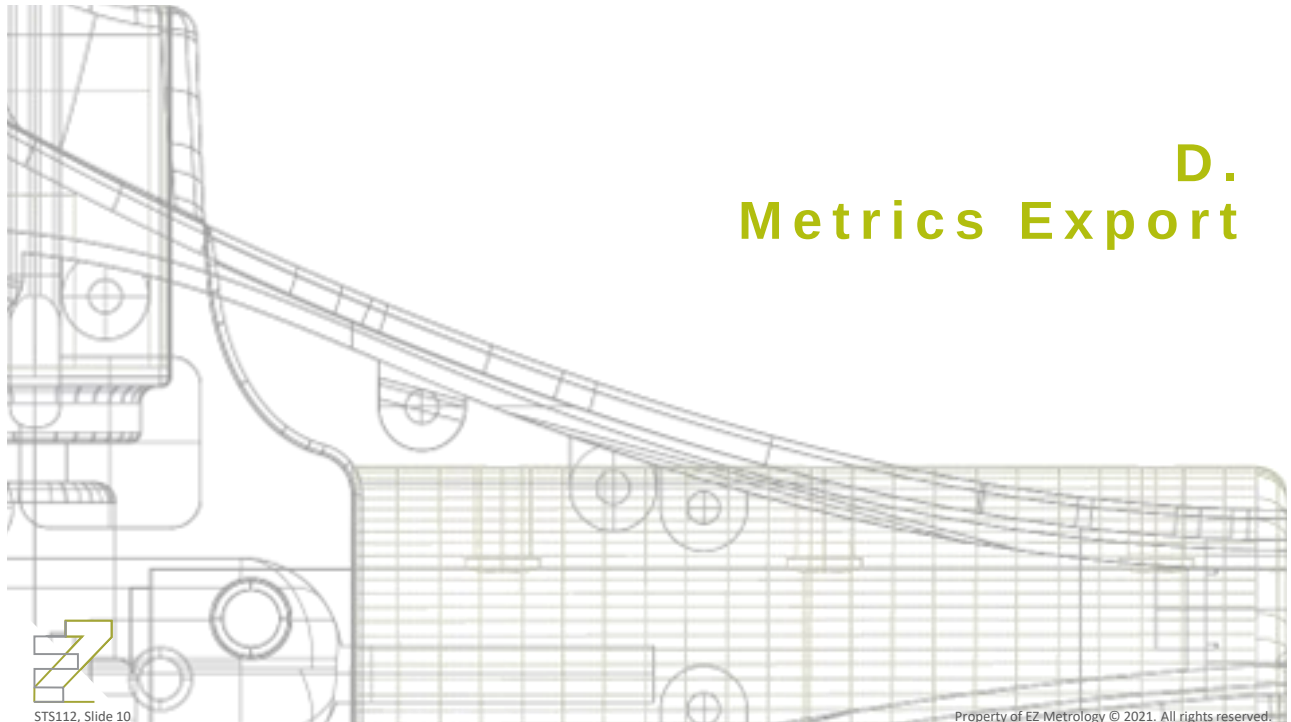
Once the desired sessions have been selected, click on Process to process the selected sessions.



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## D. Metrics Export



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## D. Metrics Export

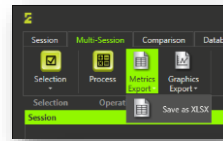
### 1. Export

#### Export Multiple Session Results

The results of multiple sessions can be exported side-by-side in an Excel spreadsheet for comparison.

Once the desired sessions have been selected, click on Metrics Export and select "Save as XLSX."

A pop-up window will appear and the user can select an appropriate name and location for the workbook.

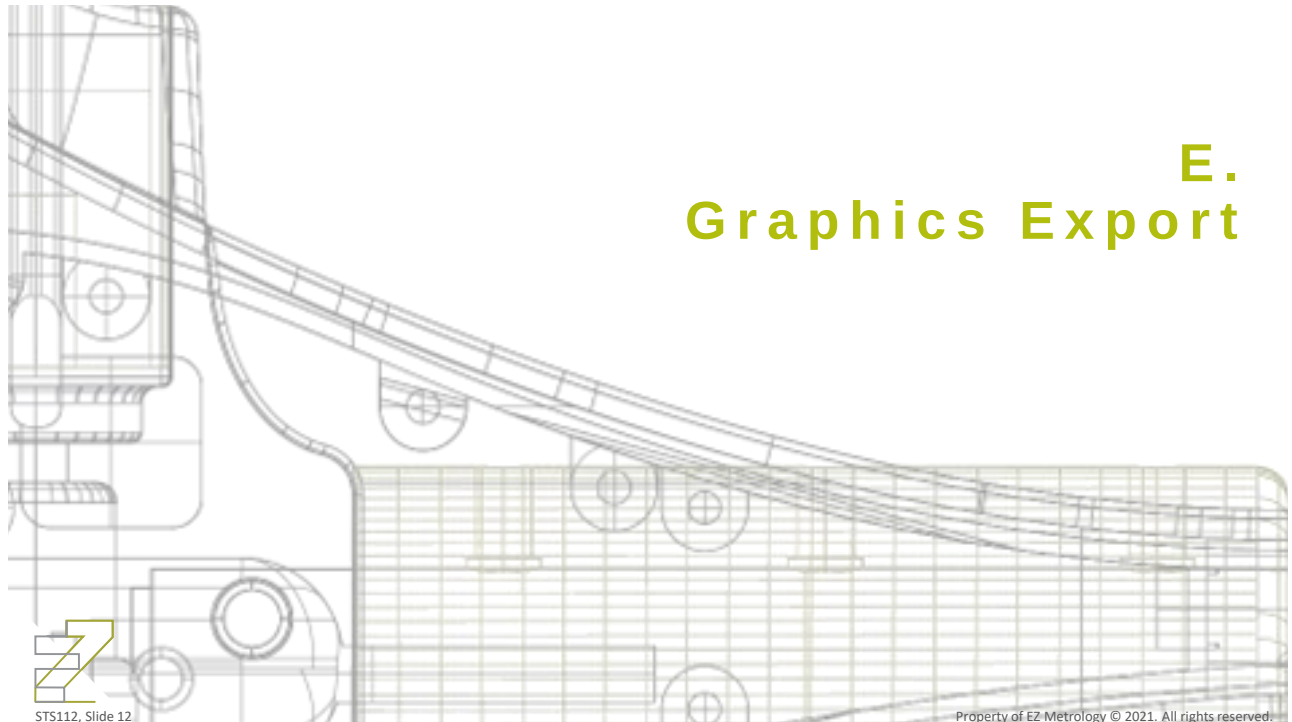


|    | A                      | B | C | D                     | E                     | F     | G | H          |
|----|------------------------|---|---|-----------------------|-----------------------|-------|---|------------|
| 1  | Door Name              | : |   | EZM_Sample_Data_FR_03 | EZM_Sample_Data_FR_04 |       |   |            |
| 2  | Date                   | : |   | 2021-01-15 13:55      | 2021-01-26 16:20      |       |   |            |
| 3  | Brand                  | : |   | EZM                   |                       |       |   |            |
| 4  | Model                  | : |   | Sample                | Sample                |       |   |            |
| 5  | Location               | : |   | Front Right           | Front Right           |       |   |            |
| 6  | Short Name             | : |   |                       |                       |       |   |            |
| 7  | Session Group          | : |   | Truck                 | Sedan                 |       |   |            |
| 8  | VIN                    | : |   | Data                  |                       |       |   |            |
| 9  | Comment                | : |   |                       |                       |       |   |            |
| 10 | Year                   | : |   |                       |                       |       |   |            |
| 11 | Mileage                | : |   |                       |                       |       |   |            |
| 12 | Door Type              | : |   | Standard Door Profile | Standard Door Profile |       |   |            |
| 13 | Door Code              | : |   | 0-0-0                 | 0-0-0                 |       |   |            |
| 14 | Convention             | : |   | Standard Convention   | Standard Convention   |       |   |            |
| 15 | Convention Code        | : |   | 69FB03-1897C-N        | 69FB03-1897C-N        |       |   |            |
| 16 | User                   | : |   | User 1                | User 1                |       |   |            |
| 17 | Serial Number          | : |   | 9467                  | 9470                  |       |   |            |
| 18 | Calibration            | : |   | CAL_9467_201019       | CAL_9470_201025       |       |   |            |
| 19 | Version                | : |   | 3.3.3.0               | 3.3.3.0               |       |   |            |
| 20 | METRICS                | : |   |                       |                       |       |   |            |
| 21 |                        | : |   |                       |                       |       |   |            |
| 22 | 01 General             | : |   | Closing Ty:           | Latch Dominant        |       |   |            |
| 23 | 01 General             | : |   | Quality In:           |                       | 66    |   | 61 %       |
| 24 | 01 General             | : |   | Minimum:              |                       | 9     |   | 5 W        |
| 25 | 02 Closing Dynamics    | : |   | Minimum:              |                       | 766   |   | 692 mm/sec |
| 26 | 02 Closing Dynamics    | : |   | Minimum:              |                       | 766   |   | 692 mm/sec |
| 27 | 02 Closing Dynamics    | : |   | Minimum:              |                       | 5.34  |   | 2.88 J     |
| 28 | 02 Closing Dynamics    | : |   | Minimum:              |                       | 1.62  |   | 0.85 J     |
| 29 | 02 Closing Dynamics    | : |   | Minimum:              |                       | 1.48  |   | J          |
| 30 | 02 Closing Dynamics    | : |   | Minimum:              |                       | 1.6   |   | 1.2 J      |
| 31 | 03 Latch & Seal System | : |   | Typical Oc:           |                       | 2.77  |   | 2.63 mm    |
| 32 | 03 Latch & Seal System | : |   | Striker All:          |                       | 1.51  |   | 1.6 mm     |
| 33 | 03 Latch & Seal System | : |   | Latch Post:           |                       | 0.85  |   | 0.7 mm     |
| 34 | 03 Latch & Seal System | : |   | Latch Post:           |                       | 1.2   |   | 0.85 mm    |
| 35 | 03 Latch & Seal System | : |   | Latching F:           |                       | 178.2 |   | 142.4 N    |
| 36 | 03 Latch & Seal System | : |   | Latching E:           |                       | 0.95  |   | 0.44 J     |
| 37 | 03 Latch & Seal System | : |   | Residual F:           |                       | 123   |   | 102.6 N    |

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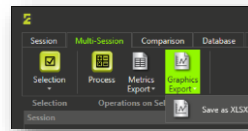
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## E. Graphics Export



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The screenshot displays the Microsoft Excel interface with a spreadsheet titled "Door Schedule". The ribbon at the top includes tabs for File, Home, Insert, Page Layout, Formulas, Data, Review, View, Help, Team, and Share. The "Home" tab is active, showing options for Font, Paragraph, Styles, Cells, Editing, and Analysis.

The spreadsheet contains a table with columns labeled A through C. The rows represent different doors and their specifications:

|    | A                    | B                                           | C              |
|----|----------------------|---------------------------------------------|----------------|
| 1  | Door Name            | E2M_SamE2M_SamE2M_Sample_Data_78_04         |                |
| 2  | Date                 | 2021-01-15 15:20:11 (Fri 15 Jan 2021 15:20) |                |
| 3  | Brand                | E2M E2M E2M                                 |                |
| 4  | Model                | Sample Sample Sample                        |                |
| 5  | Location             | Frost Right Frost Right Frost Right         |                |
| 6  | Short Name           | 2 3 4                                       |                |
| 7  | Session ID           | Sedan Truck Sedan                           |                |
| 8  | VIN                  | Data Data Data                              |                |
| 9  | Comment              |                                             |                |
| 10 | Year                 |                                             |                |
| 11 | Message              |                                             |                |
| 12 | Door Type            | Standard (Standard) Standard Door Profile   |                |
| 13 | Door Code            | 0-0-0 0-0-0 0-0-0                           |                |
| 14 | Conversion           | Standard (Standard) Standard Conversion     |                |
| 15 | Verbal               | 69PBE2 LWPB2E2 LWPB2E2 LWPB2E2-N            |                |
| 16 | User                 | User 1 User 1 User 1                        |                |
| 17 | Serial No.           | 9466 9467 9470                              |                |
| 18 | Calibration          | KAL_9466_KAL_9467_KAL_9470_230215           |                |
| 19 |                      |                                             |                |
| 20 | METRICS              |                                             |                |
| 21 |                      |                                             |                |
| 22 | General Closing Ty:  | Latch Dominant                              | Latch Dominant |
| 23 | General Quantity In: | 65 %                                        | 66 %           |
| 24 | General Minimum:     | 3 W                                         | 9 W            |
| 25 | General Maximum:     | 629 mm/sec                                  | 766 mm/sec     |
| 26 | Closing Minimum:     | 629 mm/sec                                  | 766 mm/sec     |
| 27 | Closing Maximum:     | 2.24 s                                      | 3.34 s         |
| 28 | Closing Minimum:     | 0.92 s                                      | 1.62 s         |
| 29 | Closing Maximum:     | 0.86 s                                      | 1.46 s         |
| 30 | Closing Minimum:     | 1.66 s                                      | 1.8 s          |
| 31 | Closing Typical On:  | 2.65 mm                                     | 2.77 mm        |
| 32 | Latch & Striker All: | 1.58 mm                                     | 1.51 mm        |
| 33 | Latch & Latch Point: | 0.76 mm                                     | 0.85 mm        |
| 34 | Latch & Latch Point: | 0.43 mm                                     | 1.2 mm         |
| 35 | Latch & Latching F:  | 183.8 N                                     | 176.2 N        |
| 36 | Latch & Latching F:  | 0.46 J                                      | 0.55 J         |
| 37 | Latch & Rebound F:   | 195.1 N                                     | 125 N          |

The bottom status bar shows "Sheet1" and a zoom level of 100%.

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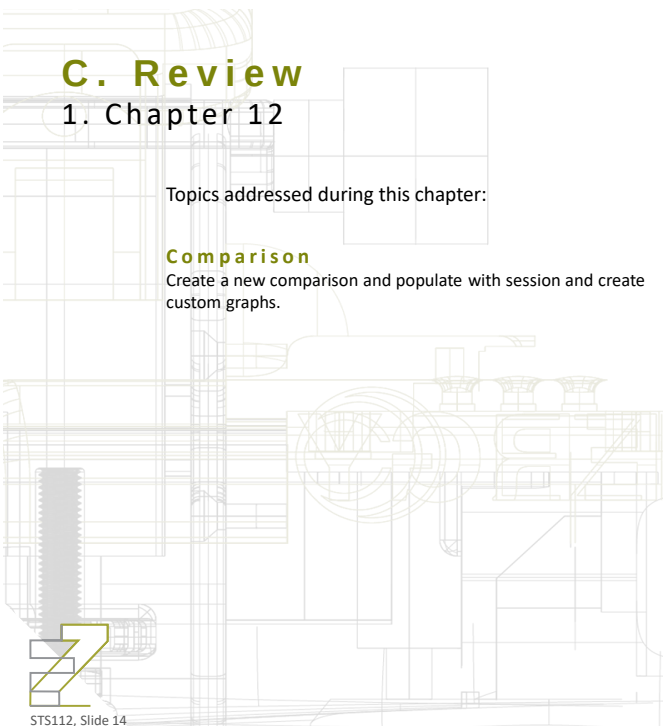
## C. Review

## 1. Chapter 12

Topics addressed during this chapter:

## Comparison

Create a new comparison and populate with session and create custom graphs.



# C. Review

## 1. Chapter 12

Topics addressed during this chapter:

**Comparison**

Create a new comparison and populate with session and create custom graphs.



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