

|              |       |   |
|--------------|-------|---|
| Process Data | ..... | 1 |
|--------------|-------|---|

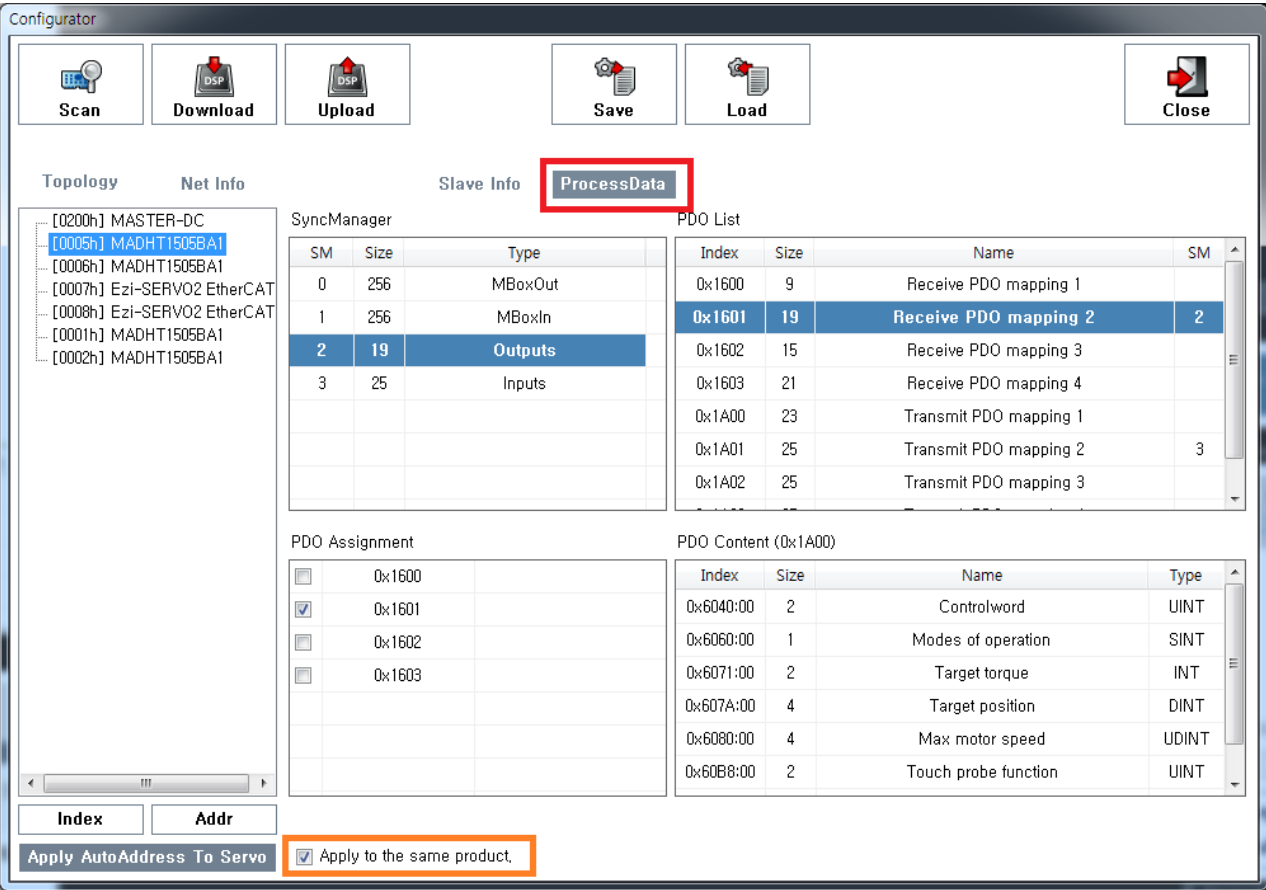
# Process Data

x Process Data

Process Data

- ProcessData
- PDO<sup>1)</sup>SlavePDO, Contents

```
<\callout>  
<callout type="info" >
```



- SyncManager “MBoxOut”, “MBoxIn”<sup>2)</sup>
- SyncManager

|             |      |         |          |      |                        |    |
|-------------|------|---------|----------|------|------------------------|----|
| SyncManager |      |         | PDO List |      |                        |    |
| SM          | Size | Type    | Index    | Size | Name                   | SM |
| 0           | 256  | MBoxOut | 0x1600   | 9    | Receive PDO mapping 1  | 2  |
| 1           | 256  | MBoxIn  | 0x1601   | 19   | Receive PDO mapping 2  |    |
| 2           | 9    | Outputs | 0x1602   | 15   | Receive PDO mapping 3  |    |
| 3           | 25   | Inputs  | 0x1603   | 21   | Receive PDO mapping 4  |    |
|             |      |         | 0x1A00   | 23   | Transmit PDO mapping 1 |    |
|             |      |         | 0x1A01   | 25   | Transmit PDO mapping 2 | 3  |
|             |      |         | 0x1A02   | 25   | Transmit PDO mapping 3 |    |
|             |      |         | 0x1A03   | 25   | Transmit PDO mapping 4 |    |

|                                     |        |  |                      |      |                      |      |
|-------------------------------------|--------|--|----------------------|------|----------------------|------|
| PDO Assignment                      |        |  | PDO Content (0x1A00) |      |                      |      |
| <input checked="" type="checkbox"/> | 0x1600 |  | Index                | Size | Name                 | Type |
| <input type="checkbox"/>            | 0x1601 |  | 0x6040:00            | 2    | Controlword          | UINT |
| <input type="checkbox"/>            | 0x1602 |  | 0x6060:00            | 1    | Modes of operation   | SINT |
| <input type="checkbox"/>            | 0x1603 |  | 0x607A:00            | 4    | Target position      | DINT |
|                                     |        |  | 0x60B8:00            | 2    | Touch probe function | UINT |
|                                     |        |  |                      |      |                      |      |
|                                     |        |  |                      |      |                      |      |
|                                     |        |  |                      |      |                      |      |

- “Ouputs”<sup>3)</sup> (Process Data)
- , 4 PDO (RxPDO)가 0x1600 PDO가 0x1600 PDO Content Controlword, Modesof operation, Target position, TouchProbe function , Torque , Torque
- PDO Assignment RxPDO

SyncManager

| SM | Size | Type    |
|----|------|---------|
| 0  | 256  | MBoxOut |
| 1  | 256  | MBoxIn  |
| 2  | 19   | Outputs |
| 3  | 23   | Inputs  |
|    |      |         |
|    |      |         |
|    |      |         |
|    |      |         |
|    |      |         |
|    |      |         |

PDO List

| Index  | Size | Name                   | SM |
|--------|------|------------------------|----|
| 0x1600 | 9    | Receive PDO mapping 1  |    |
| 0x1601 | 19   | Receive PDO mapping 2  | 2  |
| 0x1602 | 15   | Receive PDO mapping 3  |    |
| 0x1603 | 21   | Receive PDO mapping 4  |    |
| 0x1A00 | 23   | Transmit PDO mapping 1 | 3  |
| 0x1A01 | 25   | Transmit PDO mapping 2 |    |
| 0x1A02 | 25   | Transmit PDO mapping 3 |    |
| 0x1A03 | 25   | Transmit PDO mapping 4 |    |

PDO Assignment

|                                     |        |  |
|-------------------------------------|--------|--|
| <input type="checkbox"/>            | 0x1600 |  |
| <input checked="" type="checkbox"/> | 0x1601 |  |
| <input type="checkbox"/>            | 0x1602 |  |
| <input type="checkbox"/>            | 0x1603 |  |
|                                     |        |  |
|                                     |        |  |
|                                     |        |  |
|                                     |        |  |

PDO Content (0x1A00)

| Index     | Size | Name                 | Type  |
|-----------|------|----------------------|-------|
| 0x6040:00 | 2    | Controlword          | UINT  |
| 0x6060:00 | 1    | Modes of operation   | SINT  |
| 0x6071:00 | 2    | Target torque        | INT   |
| 0x607A:00 | 4    | Target position      | DINT  |
| 0x6080:00 | 4    | Max motor speed      | UDINT |
| 0x60B8:00 | 2    | Touch probe function | UINT  |
| 0x60FF:00 | 4    | Target velocity      | DINT  |

- PDO 0x1601, 0x1601 PDO Content 가
  - 0x1600 Target torque Max motor speed가 가
  - , Torque 가 가

SyncManager

| SM | Size | Type    |
|----|------|---------|
| 0  | 256  | MBoxOut |
| 1  | 256  | MBoxIn  |
| 2  | 9    | Outputs |
| 3  | 25   | Inputs  |

PDO List

| Index  | Size | Name                   | SM |
|--------|------|------------------------|----|
| 0x1600 | 9    | Receive PDO mapping 1  | 2  |
| 0x1601 | 19   | Receive PDO mapping 2  |    |
| 0x1602 | 15   | Receive PDO mapping 3  |    |
| 0x1603 | 21   | Receive PDO mapping 4  |    |
| 0x1A00 | 23   | Transmit PDO mapping 1 |    |
| 0x1A01 | 25   | Transmit PDO mapping 2 | 3  |
| 0x1A02 | 25   | Transmit PDO mapping 3 |    |
| 0x1A03 | 25   | Transmit PDO mapping 4 |    |

PDO Assignment

|                                     |        |
|-------------------------------------|--------|
| <input type="checkbox"/>            | 0x1A00 |
| <input checked="" type="checkbox"/> | 0x1A01 |
| <input type="checkbox"/>            | 0x1A02 |
| <input type="checkbox"/>            | 0x1A03 |

PDO Content (0x1A00)

| Index     | Size | Name                       | Type |
|-----------|------|----------------------------|------|
| 0x603F:00 | 2    | Error code                 | UINT |
| 0x6041:00 | 2    | Statusword                 | UINT |
| 0x6061:00 | 1    | Modes of operation display | SINT |
| 0x6064:00 | 4    | Position actual value      | DINT |
| 0x606C:00 | 4    | Velocity actual value      | DINT |
| 0x6077:00 | 2    | Torque actual value        | INT  |
| 0x60B9:00 | 2    | Touch probe status         | UINT |

- “Inputs”<sup>4)</sup> (Process Data)
- , 4 PDO (TxPDO)가 0x1A01 PDO가
  - 0x1A01 PDO Content
  - , PDO Content Torque actual value torque
- PDO List 가 PDO List list , PDO Assignment
- “Apply to the same product”<sup>5)</sup>
- RxPDO TxPDO xml

1)  
CANopen Process Data Object

2)  
Data

3)  
Data RxPDO

4)  
Data TxPDO

5)  
VendorID ProductCode가