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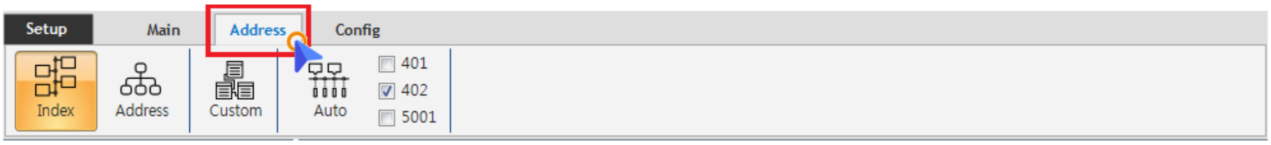
Addressing

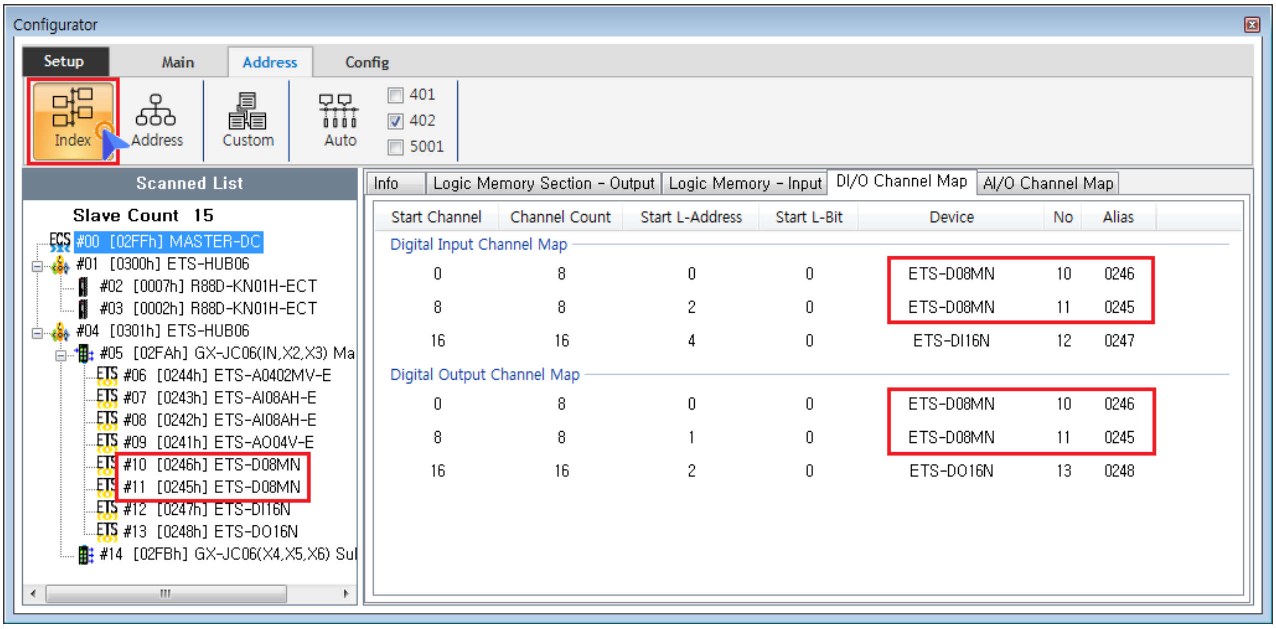
× 논리적 메모리에 Slave를 Mapping하는 순서에 대한 안내 페이지입니다.

Addressing 개요


Setup
Main
Address
Config
Index
Address
Custom
Auto
☐ 401
☑ 402
☐ 5001

- Index : 연결 순서에 따라 Mapping 합니다.
- Address : 물리 주소 순서에 따라 Mapping합니다.
- Custom : User Define 목록에 따라 Mapping합니다.
- Auto : 선택된 Device Type에 대해 연결순서에 따라 순차적 주소를 부여합니다.

Index


Configurator
Setup
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☐ 5001
Scanned List
Info
Logic Memory Section - Output
Logic Memory - Input
DI/O Channel Map
AI/O Channel Map

Slave Count 15

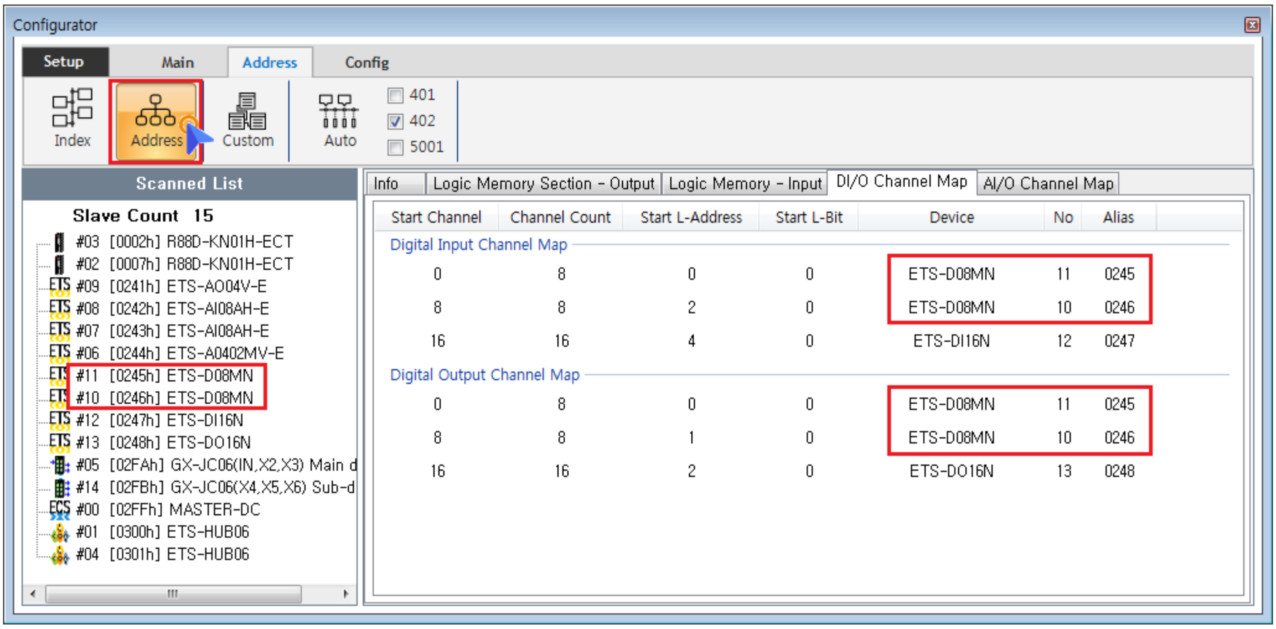
#00 [02FFh] MASTER-DC
#01 [0300h] ETS-HUB06
#02 [0007h] R88D-KN01H-ECT
#03 [0002h] R88D-KN01H-ECT
#04 [0301h] ETS-HUB06
#05 [02FAh] GX-JC06(IN,X2,X3) Ma
#06 [0244h] ETS-A0402MV-E
#07 [0243h] ETS-AI08AH-E
#08 [0242h] ETS-AI08AH-E
#09 [0241h] ETS-AO04V-E
#10 [0246h] ETS-D08MN
#11 [0245h] ETS-D08MN
#12 [0247h] ETS-DI16N
#13 [0248h] ETS-DO16N
#14 [02FBh] GX-JC06(X4,X5,X6) Sul

Start Channel	Channel Count	Start L-Address	Start L-Bit	Device	No	Alias
Digital Input Channel Map						
0	8	0	0	ETS-D08MN	10	0246
8	8	2	0	ETS-D08MN	11	0245
16	16	4	0	ETS-DI16N	12	0247
Digital Output Channel Map						
0	8	0	0	ETS-D08MN	10	0246
8	8	1	0	ETS-D08MN	11	0245
16	16	2	0	ETS-DO16N	13	0248

- **Index** 선택 시 연결 순서에 따라 메모리 할당 순서가 결정됩니다.
- IO 모듈의 경우, 연결 순서에 따라 채널이 할당됩니다.

  - 10번째 연결 된 ETS-D08MN (0x246) 모듈에 0 ~ 7 까지의 Global Channel을 할당
  - 11번째 연결 된 ETS-D08MN (0x245) 모듈에 8 ~ 15 까지의 Global Channel을 할당

Address


Configurator
Setup
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Address
Config
Index
Address
Custom
Auto
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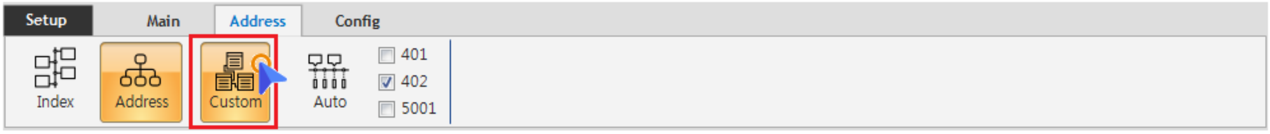
Scanned List
Info
Logic Memory Section - Output
Logic Memory - Input
DI/O Channel Map
AI/O Channel Map

Slave Count 15
#03 [0002h] R88D-KN01H-ECT
#02 [0007h] R88D-KN01H-ECT
#09 [0241h] ETS-AO04V-E
#08 [0242h] ETS-AI08AH-E
#07 [0243h] ETS-AI08AH-E
#06 [0244h] ETS-A0402MV-E
#11 [0245h] ETS-D08MN
#10 [0246h] ETS-D08MN
#12 [0247h] ETS-DI16N
#13 [0248h] ETS-DO16N
#05 [02FAh] GX-JC06(IN,X2,X3) Main d
#14 [02FBh] GX-JC06(X4,X5,X6) Sub-d
#00 [02FFh] MASTER-DC
#01 [0300h] ETS-HUB06
#04 [0301h] ETS-HUB06

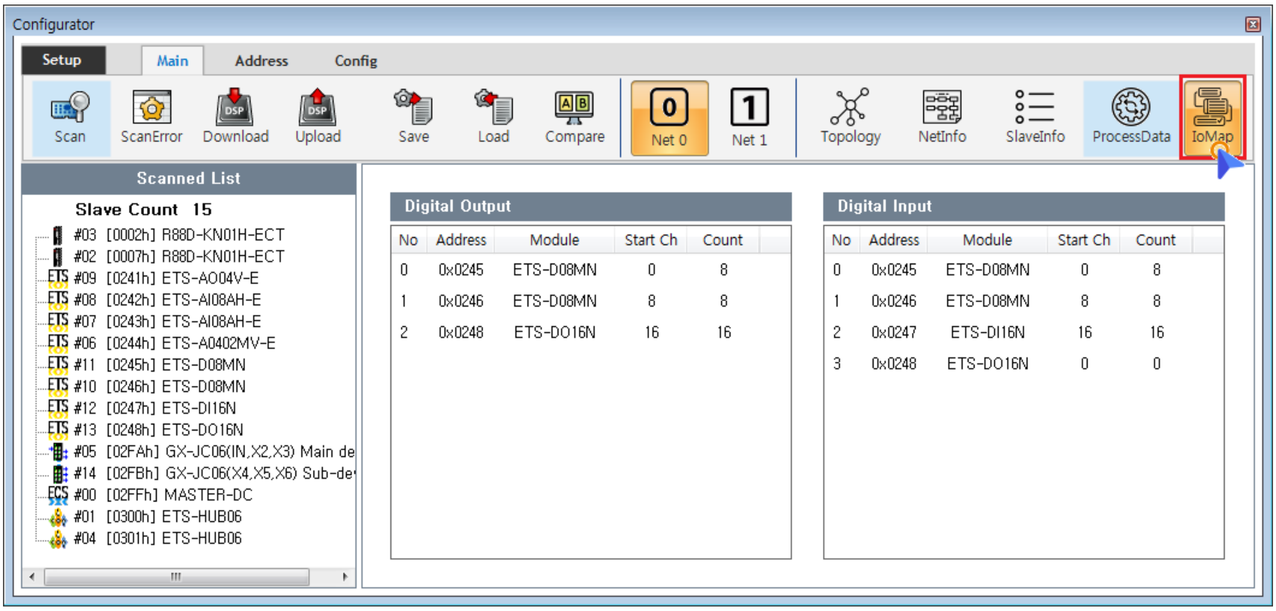
Start Channel	Channel Count	Start L-Address	Start L-Bit	Device	No	Alias
Digital Input Channel Map						
0	8	0	0	ETS-D08MN	11	0245
8	8	2	0	ETS-D08MN	10	0246
16	16	4	0	ETS-DI16N	12	0247
Digital Output Channel Map						
0	8	0	0	ETS-D08MN	11	0245
8	8	1	0	ETS-D08MN	10	0246
16	16	2	0	ETS-DO16N	13	0248

- **Address** 선택 시 물리 주소에 따라 메모리 할당 순서가 결정됩니다.
- IO 모듈의 경우, 물리 주소에 따라 채널이 할당됩니다.
  - 0x245 주소를 가진 ETS-D08MN 모듈에 0 ~ 7 까지의 Global Channel을 할당
  - 0x246 주소를 가진 ETS-D08MN 모듈에 8 ~ 15 까지의 Global Channel을 할당

Custom


Setup
Main
Address
Config
Index
Address
Custom
Auto
☐ 401
☑ 402
☐ 5001

- **Custom** 클릭 시 User Defined Map 을 만들 수 있습니다.


Configurator
Setup
Main
Address
Config
Scan
ScanError
Download
Upload
Save
Load
Compare
0
Net 0
1
Net 1
Topology
NetInfo
SlaveInfo
ProcessData
IoMap
Scanned List

Slave Count 15

#03 [0002h] R88D-KN01H-ECT
#02 [0007h] R88D-KN01H-ECT
#09 [0241h] ETS-AO04V-E
#08 [0242h] ETS-AI08AH-E
#07 [0243h] ETS-AI08AH-E
#06 [0244h] ETS-A0402MV-E
#11 [0245h] ETS-D08MN
#10 [0246h] ETS-D08MN
#12 [0247h] ETS-DI16N
#13 [0248h] ETS-DO16N
#05 [02FAh] GX-JC06(IN,X2,X3) Main de
#14 [02FBh] GX-JC06(X4,X5,X6) Sub-de
#00 [02FFh] MASTER-DC
#01 [0300h] ETS-HUB06
#04 [0301h] ETS-HUB06

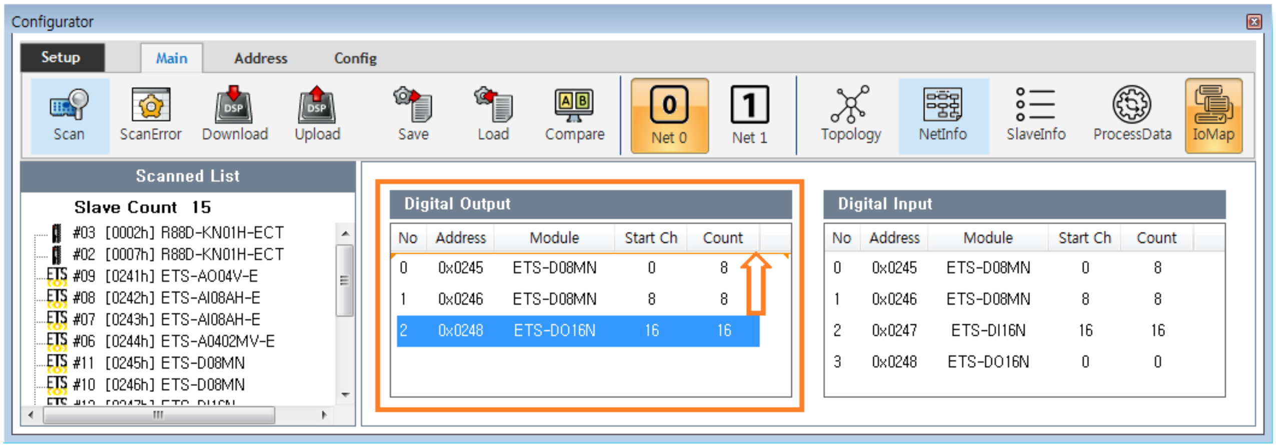
Digital Output

No	Address	Module	Start Ch	Count
0	0x0245	ETS-D08MN	0	8
1	0x0246	ETS-D08MN	8	8
2	0x0248	ETS-DO16N	16	16

Digital Input

No	Address	Module	Start Ch	Count
0	0x0245	ETS-D08MN	0	8
1	0x0246	ETS-D08MN	8	8
2	0x0247	ETS-DI16N	16	16
3	0x0248	ETS-DO16N	0	0

- **Custom** 클릭 후 **Main** 탭에서 **IoMap**을 선택합니다.


Configurator
Setup
Main
Address
Config
Scan
ScanError
Download
Upload
Save
Load
Compare
0
Net 0
1
Net 1
Topology
NetInfo
SlaveInfo
ProcessData
IoMap
Scanned List

Slave Count 15

#03 [0002h] R88D-KN01H-ECT
#02 [0007h] R88D-KN01H-ECT
#09 [0241h] ETS-AO04V-E
#08 [0242h] ETS-AI08AH-E
#07 [0243h] ETS-AI08AH-E
#06 [0244h] ETS-A0402MV-E
#11 [0245h] ETS-D08MN
#10 [0246h] ETS-D08MN

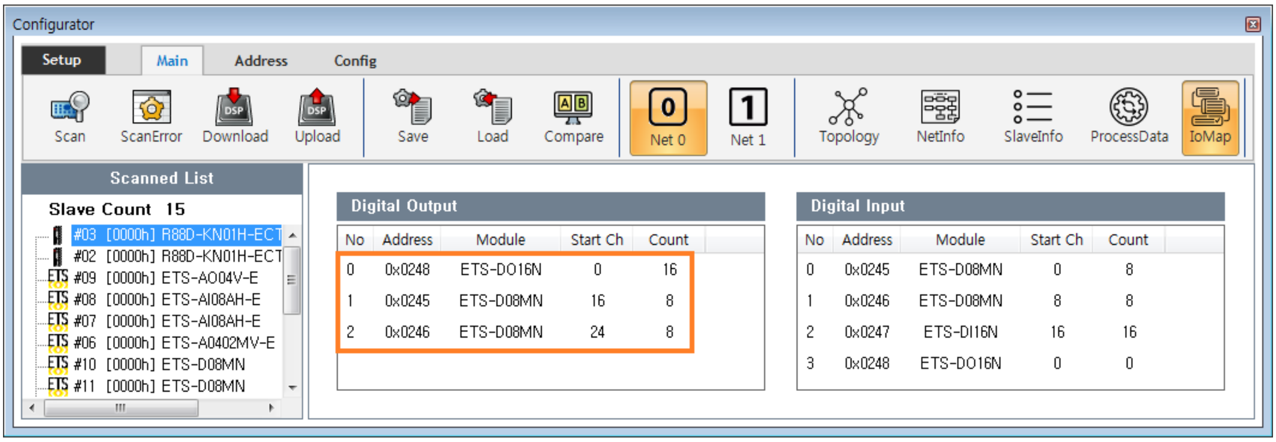
Digital Output

No	Address	Module	Start Ch	Count
0	0x0245	ETS-D08MN	0	8
1	0x0246	ETS-D08MN	8	8
2	0x0248	ETS-DO16N	16	16

Digital Input

No	Address	Module	Start Ch	Count
0	0x0245	ETS-D08MN	0	8
1	0x0246	ETS-D08MN	8	8
2	0x0247	ETS-DI16N	16	16
3	0x0248	ETS-DO16N	0	0

- Item을 Drag하여 Map을 변경 할 수 있습니다.


Configurator
Setup
Main
Address
Config
Scan
ScanError
Download
Upload
Save
Load
Compare
0
Net 0
1
Net 1
Topology
NetInfo
SlaveInfo
ProcessData
IoMap
Scanned List

Slave Count 15

#03 [0000h] R88D-KN01H-ECT
#02 [0000h] R88D-KN01H-ECT
#09 [0000h] ETS-AO04V-E
#08 [0000h] ETS-AI08AH-E
#07 [0000h] ETS-AI08AH-E
#06 [0000h] ETS-A0402MV-E
#10 [0000h] ETS-D08MN
#11 [0000h] ETS-D08MN

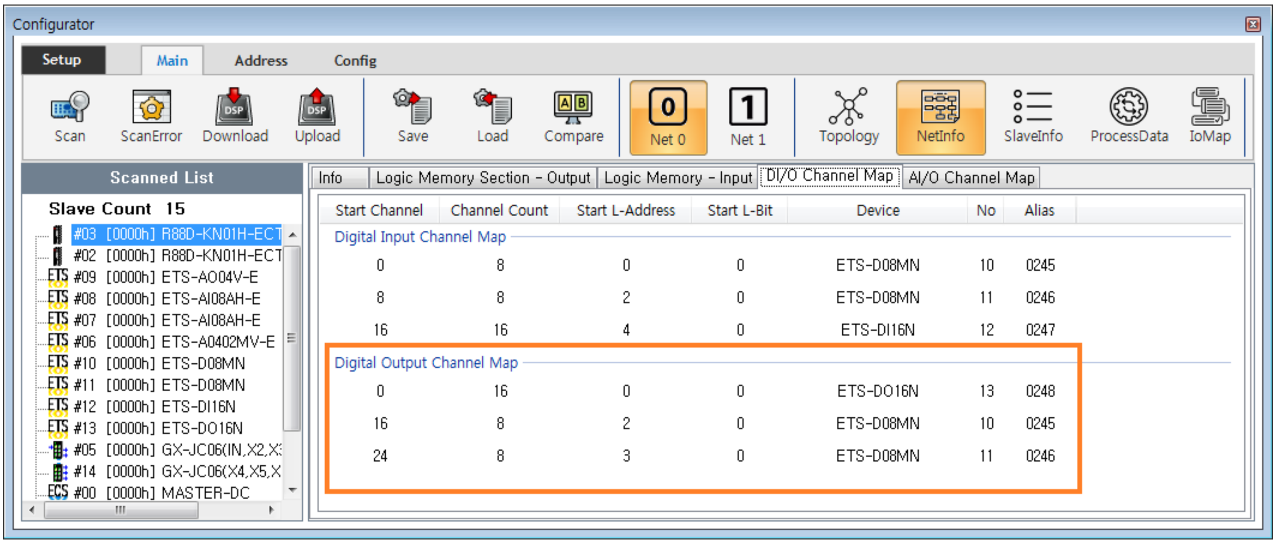
Digital Output

No	Address	Module	Start Ch	Count
0	0x0248	ETS-DO16N	0	16
1	0x0245	ETS-D08MN	16	8
2	0x0246	ETS-D08MN	24	8

Digital Input

No	Address	Module	Start Ch	Count
0	0x0245	ETS-D08MN	0	8
1	0x0246	ETS-D08MN	8	8
2	0x0247	ETS-DI16N	16	16
3	0x0248	ETS-DO16N	0	0

- Drop시 변경된 Map과 Channel 할당 변경 사항이 표시됩니다.


Configurator
Setup
Main
Address
Config
Scan
ScanError
Download
Upload
Save
Load
Compare
Net 0
Net 1
Topology
NetInfo
SlaveInfo
ProcessData
IoMap
Scanned List
Info
Logic Memory Section - Output
Logic Memory - Input
DI/O Channel Map
AI/O Channel Map

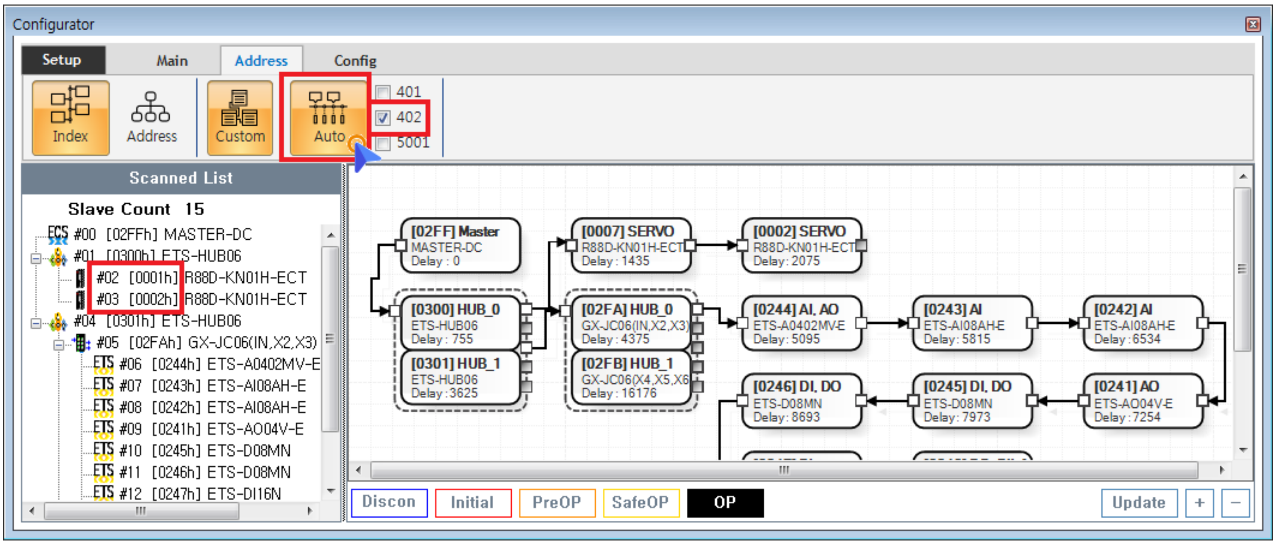
Slave Count 15

#03 [0000h] R88D-KN01H-ECT
#02 [0000h] R88D-KN01H-ECT
#09 [0000h] ETS-AO04V-E
#08 [0000h] ETS-AI08AH-E
#07 [0000h] ETS-AI08AH-E
#06 [0000h] ETS-A0402MV-E
#10 [0000h] ETS-D08MN
#11 [0000h] ETS-D08MN
#12 [0000h] ETS-DI16N
#13 [0000h] ETS-DO16N
#05 [0000h] GX-JC06(IN,X2,X3
#14 [0000h] GX-JC06(X4,X5,X
#00 [0000h] MASTER-DC

Start Channel	Channel Count	Start L-Address	Start L-Bit	Device	No	Alias
Digital Input Channel Map						
0	8	0	0	ETS-D08MN	10	0245
8	8	2	0	ETS-D08MN	11	0246
16	16	4	0	ETS-DI16N	12	0247
Digital Output Channel Map						
0	16	0	0	ETS-DO16N	13	0248
16	8	2	0	ETS-D08MN	10	0245
24	8	3	0	ETS-D08MN	11	0246

- Channel Map 에서도 변경 사항을 확인할 수 있습니다.

Auto


Configurator
Setup
Main
Address
Config
Index
Address
Custom
Auto
☐ 401
☑ 402
☐ 5001
Scanned List
[02FF] Master
MASTER-DC
Delay : 0
[0007] SERVO
R88D-KN01H-ECT
Delay : 1435
[0002] SERVO
R88D-KN01H-ECT
Delay : 2075
[0300] HUB_0
ETS-HUB06
Delay : 755
[0301] HUB_1
ETS-HUB06
Delay : 3625
[02FA] HUB_0
GX-JC06(IN,X2,X3)
Delay : 4375
[02FB] HUB_1
GX-JC06(X4,X5,X6
Delay : 16176
[0244] AI, AO
ETS-A0402MV-E
Delay : 5095
[0243] AI
ETS-AI08AH-E
Delay : 5815
[0242] AI
ETS-AI08AH-E
Delay : 6534
[0246] DI, DO
ETS-D08MN
Delay : 8693
[0245] DI, DO
ETS-D08MN
Delay : 7973
[0241] AO
ETS-AO04V-E
Delay : 7254
Discon
Initial
PreOP
SafeOP
OP
Update
+
−

Slave Count 15

#00 [02FFh] MASTER-DC
#01 [0300h] ETS-HUB06
#02 [0001h] R88D-KN01H-ECT
#03 [0002h] R88D-KN01H-ECT
#04 [0301h] ETS-HUB06
#05 [02FAh] GX-JC06(IN,X2,X3)
#06 [0244h] ETS-A0402MV-E
#07 [0243h] ETS-AI08AH-E
#08 [0242h] ETS-AI08AH-E
#09 [0241h] ETS-AO04V-E
#10 [0245h] ETS-D08MN
#11 [0246h] ETS-D08MN
#12 [0247h] ETS-DI16N

- Check 된 ProfileType[1]에 대해 순차 주소를 부여합니다.
  - 위 그림은 401 Profile에 속하는 Driver 두 개에 대해 자동으로 Address가 할당된 예입니다.

- 1부터 자동으로 부여됩니다.
- DeviceID Switch에 의한 물리주소값은 무시됩니다.
- **Station Alias Selection 변경** 등에 대해 제한적으로 사용하시기 바랍니다.

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[1] 일반적으로 401 은 MocroController가 없는 IO, 402는 Driver, 5001은 그 외 기타 모듈

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