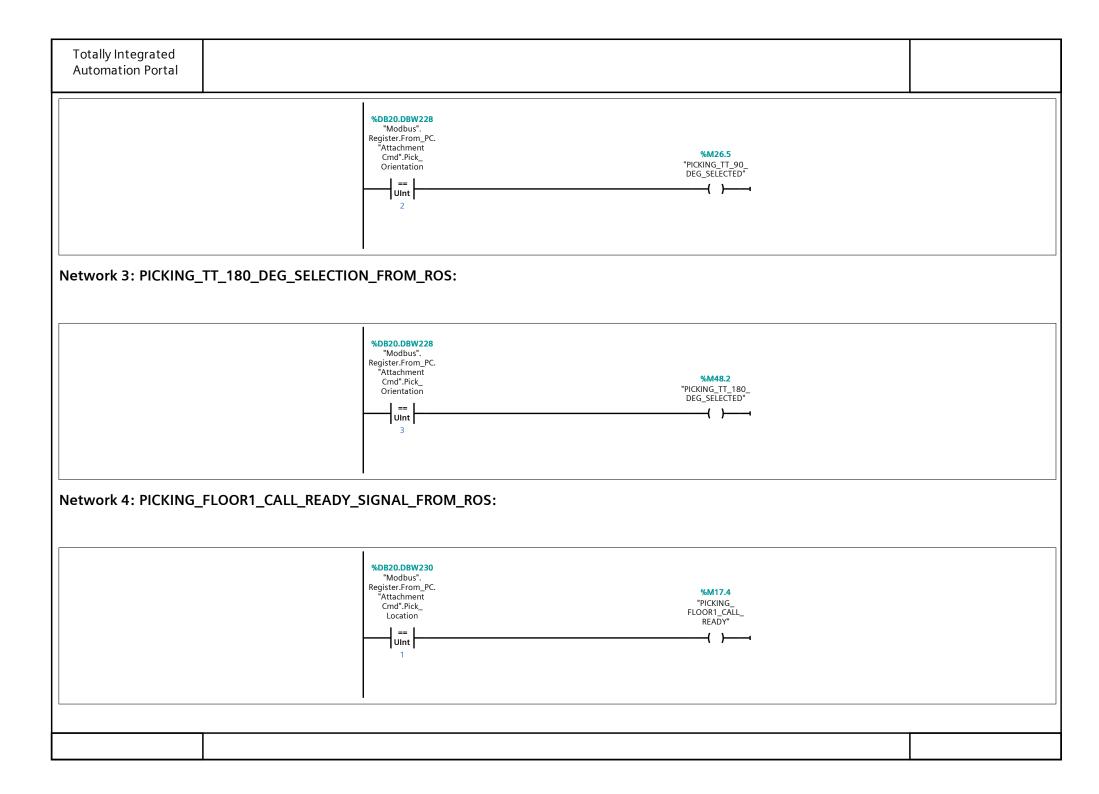
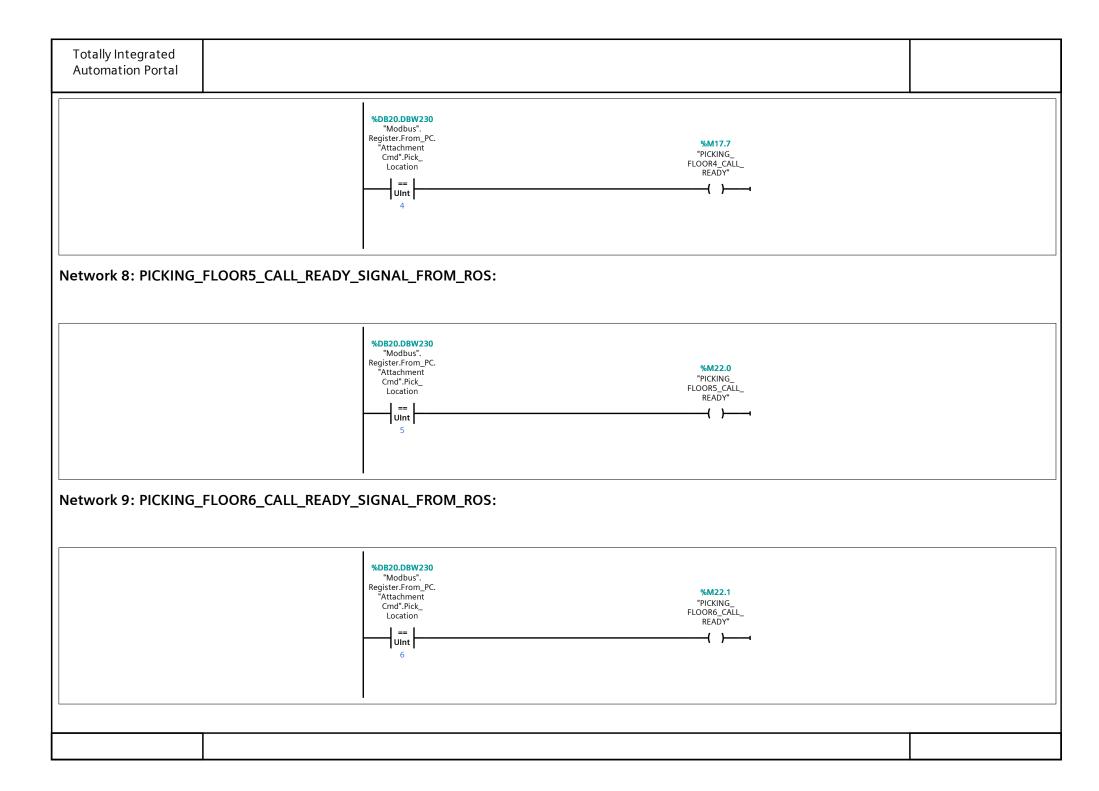
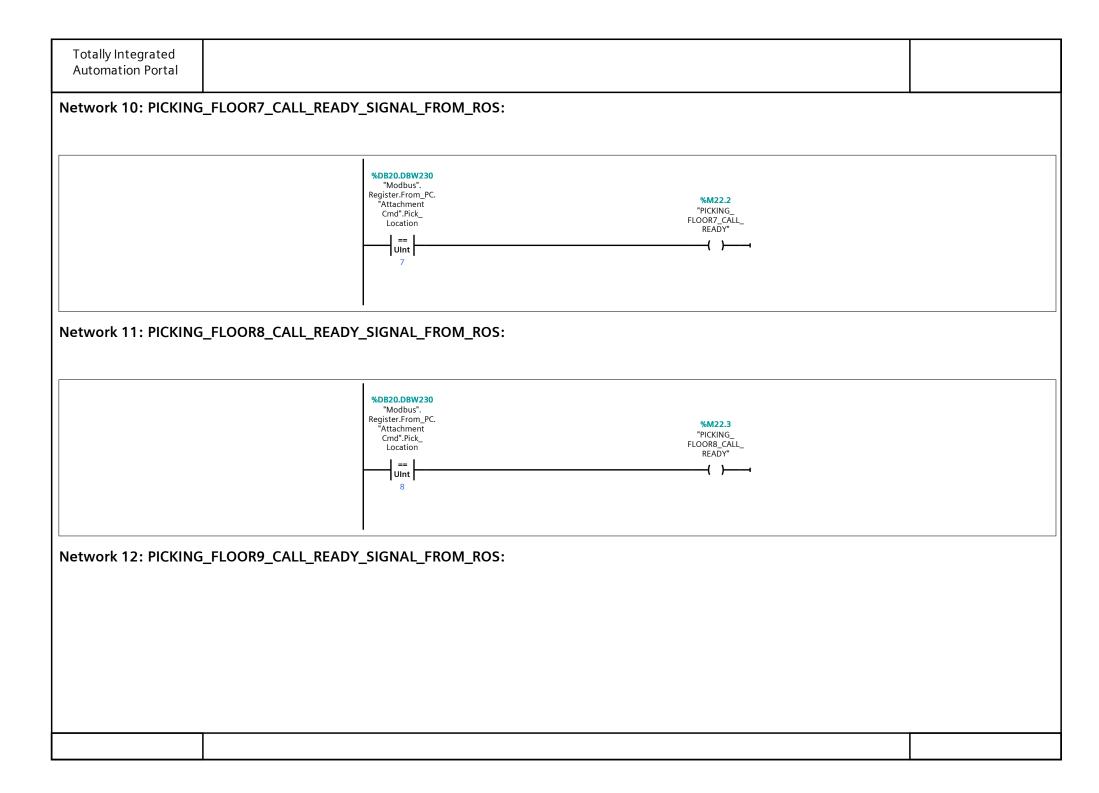
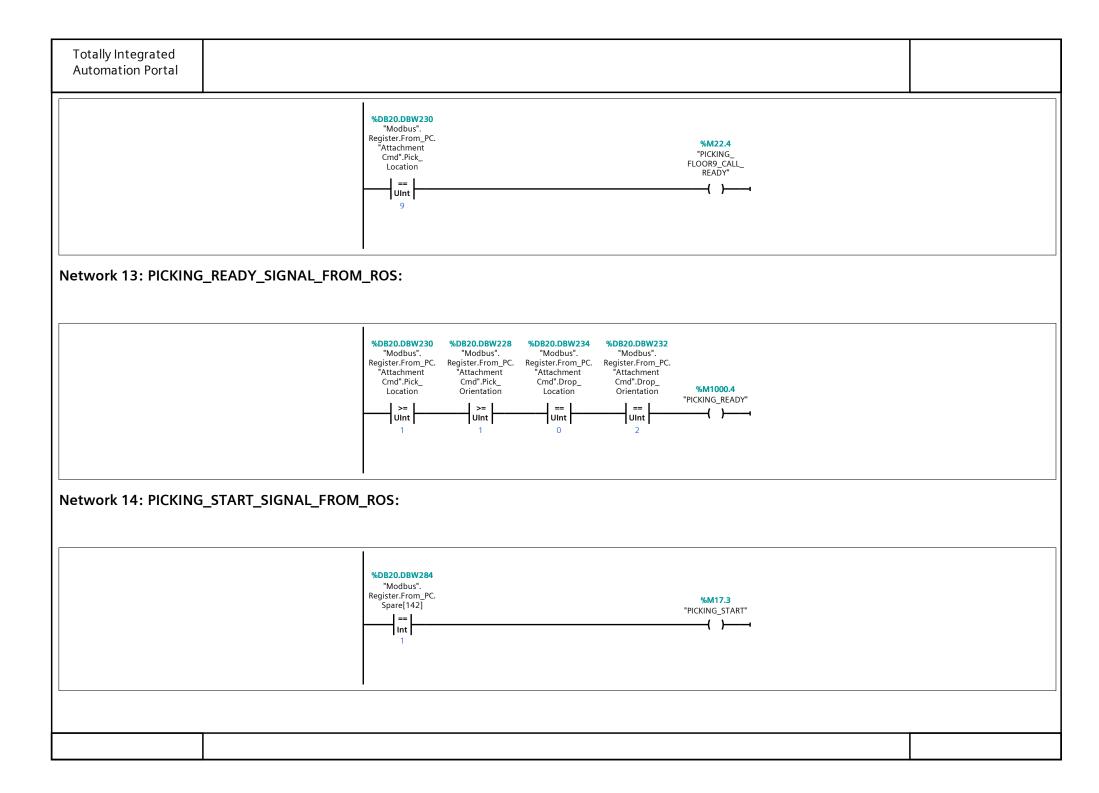
nformation itle ersion 0.1	Number 4 Author User-defined ID	Туре	FC	Language	LAD
Automatic nformation Fitle Version Name Input	Author User-defined ID		FC	Language	LAD
nformation Fitle Version Name Input	User-defined ID	Comm			
Version 0.1 Name Input	User-defined ID	Comm			
Version 0.1 Name Input	User-defined ID	Comm	ent	Family	
Name Input			U111	i aiiiiy	
Input					
-	Data type	Default value	Comment		
Output					
InOut					
Temp					
Constant					
▼ Return					
ROS DATA	Void				
Network 1: PICKING_TT_0_E	%DB20.DBW22 "Modbus". Register.From_P "Attachment Cmd".Pick_ Orientation == UInt	8	%M26.4 "PICKING_TT_0 DEG_SELECTED ()	-	



Totally Integrated Automation Portal					
Network 5: PICKING_	FLOOR2_CALL_READY_SIGNAL_FROM_ROS:				
	%DB20.DBW230 "Modbus". Register.From_PC. "Attachment Cmd".Pick_ Location == UInt 2				
Network 6: PICKING_	FLOOR3_CALL_READY_SIGNAL_FROM_ROS:				
	"Modbus". Register.From_PC. "Attachment Cmd".Pick_ Location == UInt 3				
Network 7: PICKING_FLOOR4_CALL_READY_SIGNAL_FROM_ROS:					







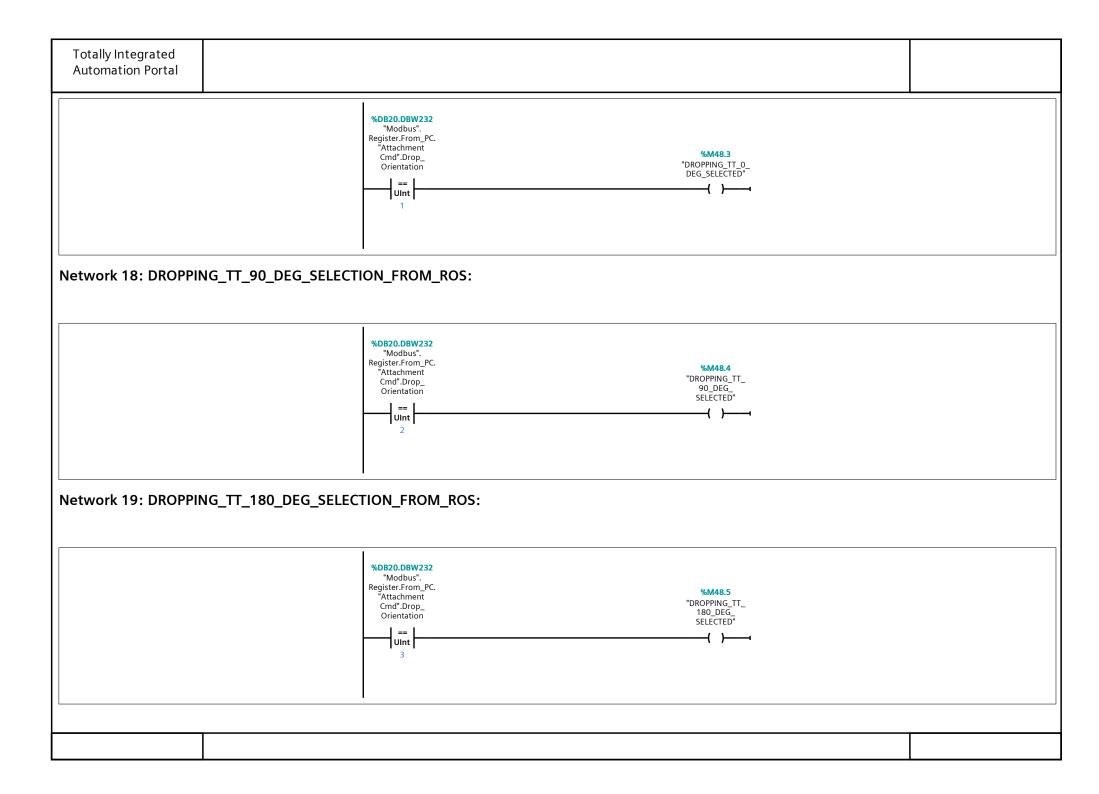


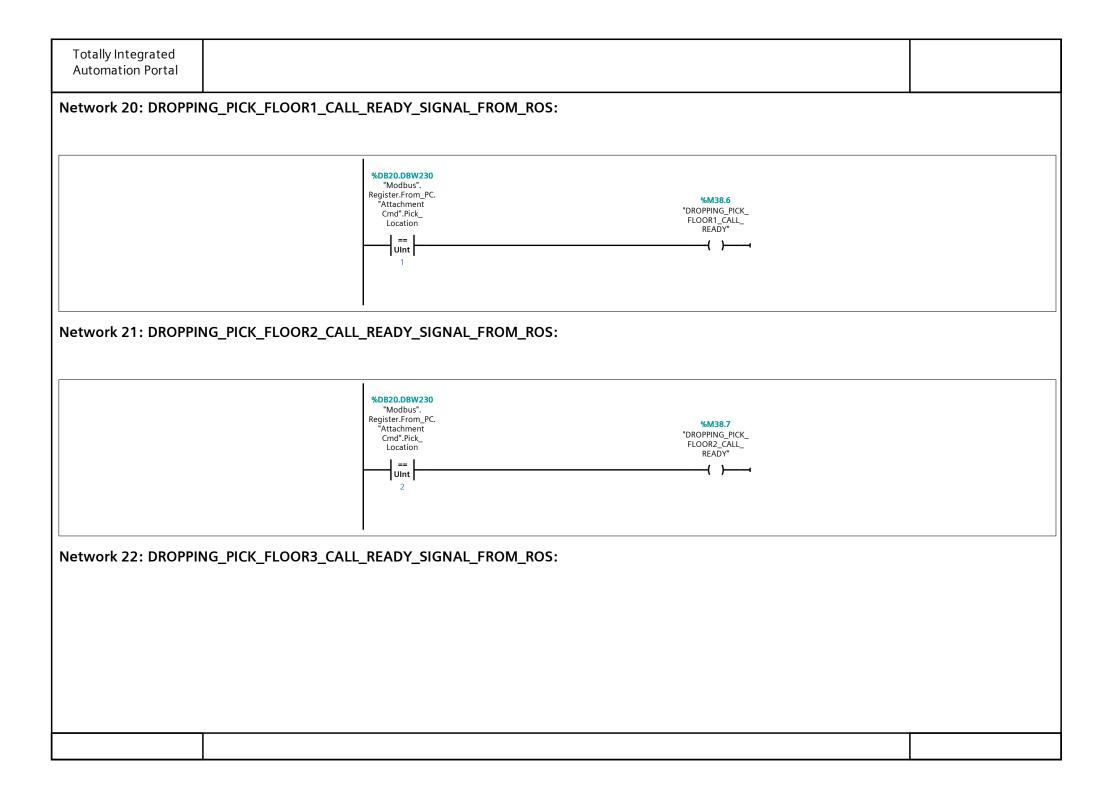
Network 15: DROPPING_READY_SIGNAL_FROM_ROS:

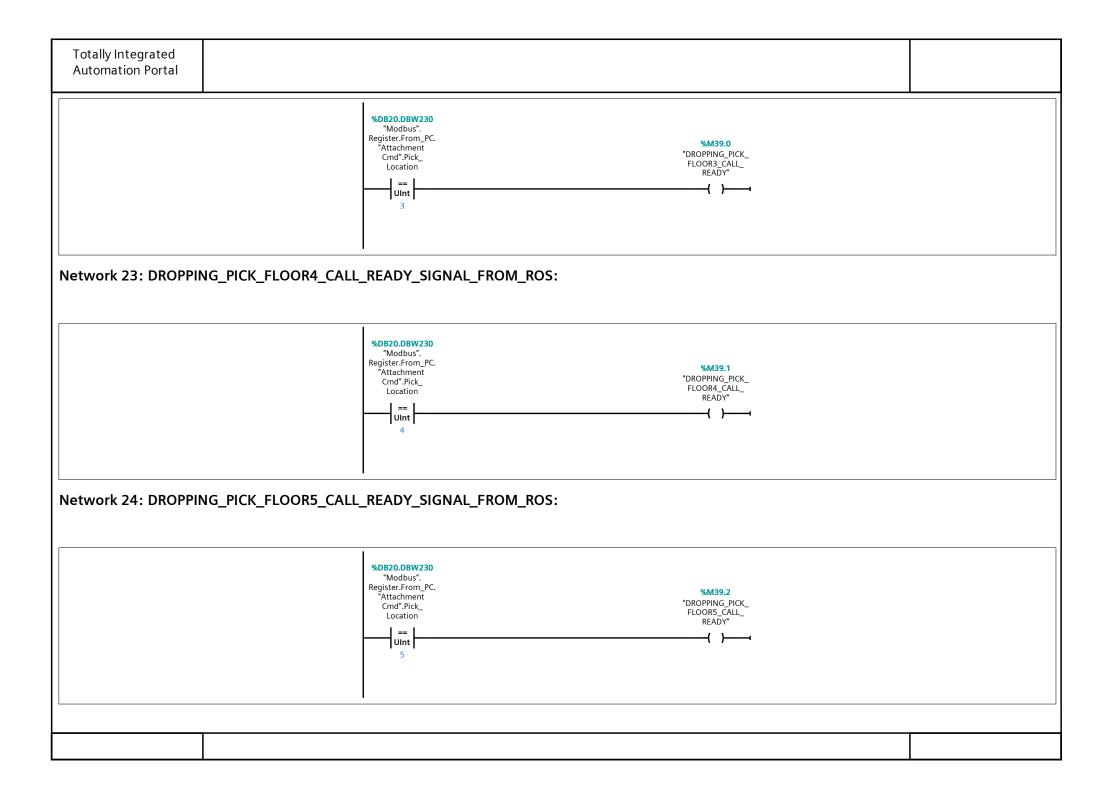
```
%DB20.DBW230
                  %DB20.DBW228
                                   %DB20.DBW234
                                                     %DB20.DBW232
                                                                       %DB20.DBW232
  "Modbus".
                    "Modbus".
                                      "Modbus".
                                                                         "Modbus".
                                                        "Modbus".
Register.From_PC.
                                   Register.From_PC.
                                                                      Register.From_PC.
                 Register.From_PC.
                                                    Register.From_PC.
  "Attachment
                   "Attachment
                                     "Attachment
                                                       "Attachment
                                                                         "Attachment
                                                                                           %M1000.5
  Cmd".Pick_
                    Cmd".Pick_
                                     Cmd".Drop_
                                                       Cmd".Drop_
                                                                         Cmd".Drop_
                                                                                          "DROPPING_
   Location
                    Orientation
                                       Location
                                                       Orientation
                                                                         Orientation
                                                                                            READY"
      >=
    UInt
                      UInt
                                        UInt
                                                          Ulnt
                                                                           UInt
                                                           2
                                                                       %DB20.DBW232
                                                                         "Modbus".
                                                                      Register.From_PC.
                                                                        "Attachment
                                                                         Cmd".Drop_
                                                                         Orientation
                                                                           UInt
```

Network 16: DROPPING_START_SIGNAL_FROM_ROS:

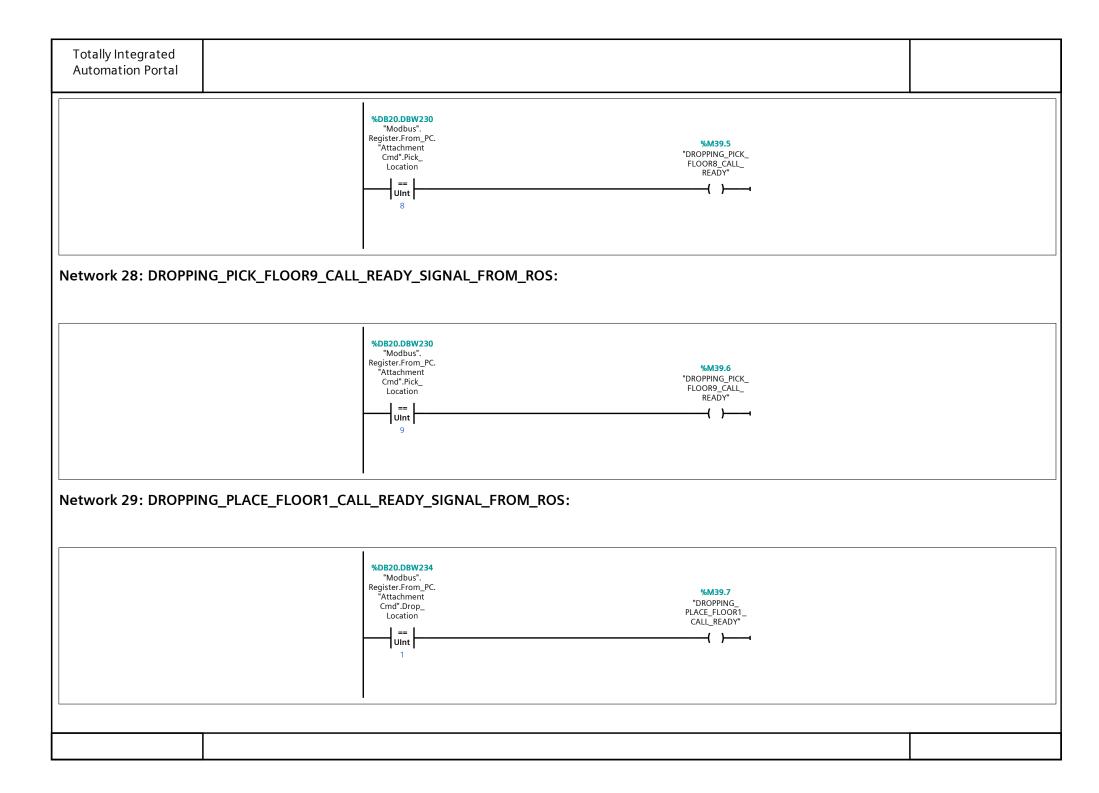
Network 17: DROPPING_TT_0_DEG_SELECTION_FROM_ROS:



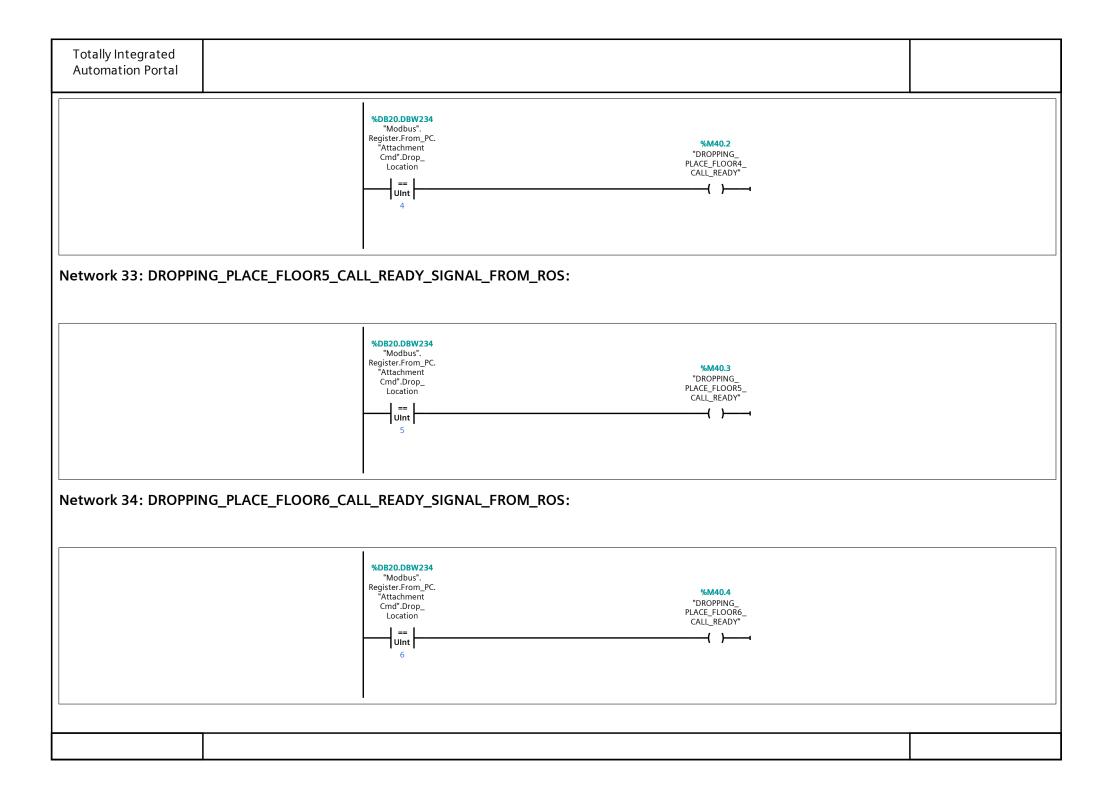




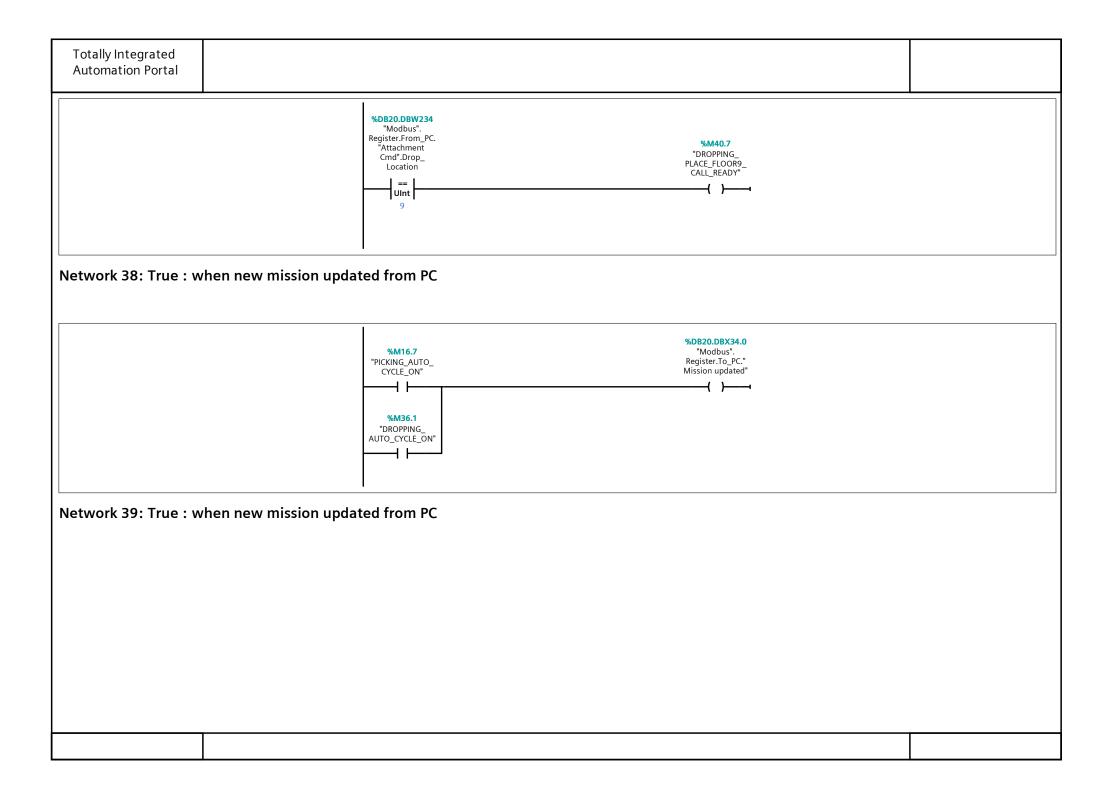
Totally Integrated Automation Portal						
Network 25: DROPPIN	IG_PICK_FLOOR6_CALL_READY_SIGNAL_FROM_ROS:					
	%DB20.DBW230 "Modbus". Register.From_PC.					
	"Attachment					
	UInt READY"					
Network 26: DROPPIN	IG_PICK_FLOOR7_CALL_READY_SIGNAL_FROM_ROS:					
	%DB20.DBW230 "Modbus".					
	Register.From_PC.					
	Location FLOOR/_CALL_ READY" ==					
	Ulnt 7					
Network 27: DROPPIN	Network 27: DROPPING_PICK_FLOOR8_CALL_READY_SIGNAL_FROM_ROS:					

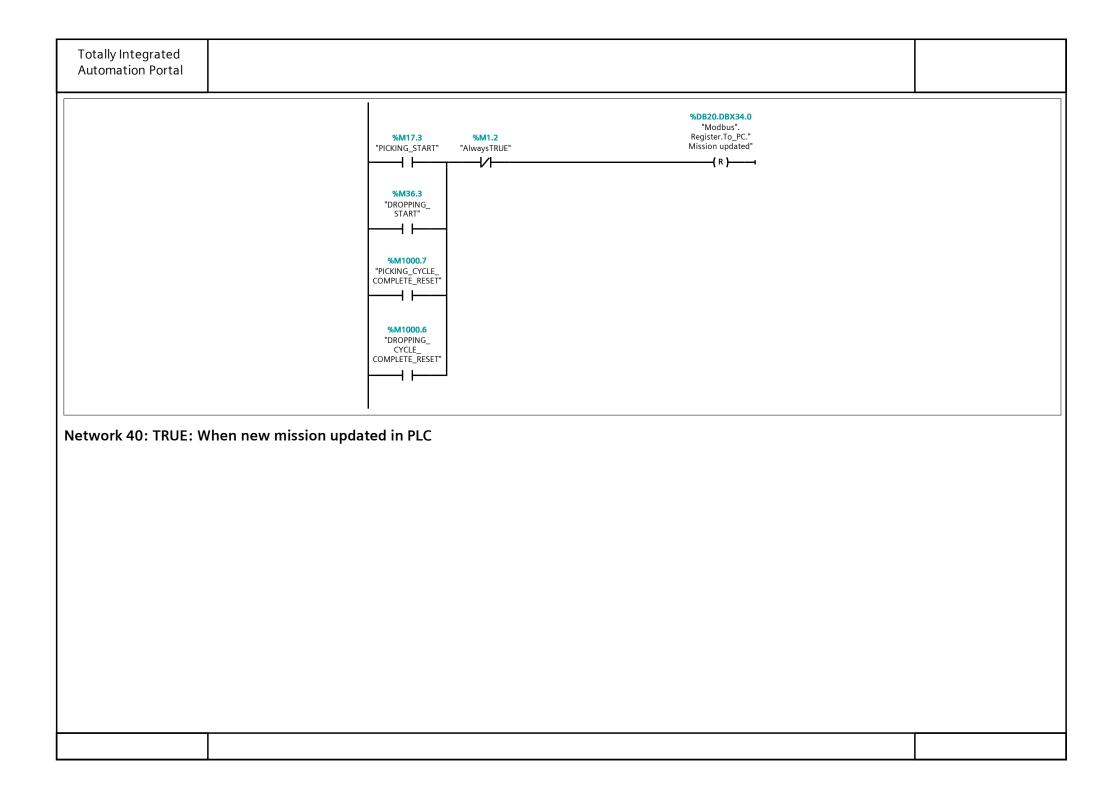


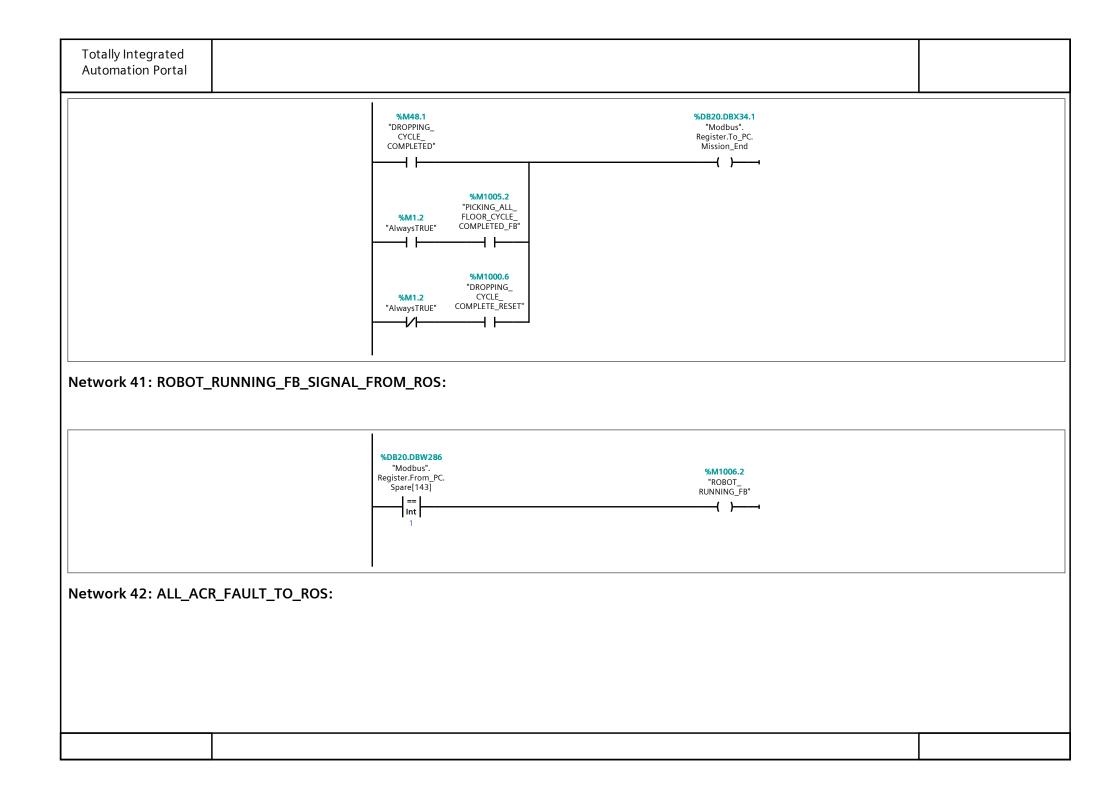
Totally Integrated Automation Portal				
Network 30: DROPPIN	G_PLACE_FLOOR2_CALL_READY_SIGNAL_FROM_ROS:			
	<u> </u>			
	%DB20.DBW234 "Modbus". Register.From_PC. "Attachment			
	Cond".Drop_			
	Uint			
Network 31: DROPPIN	G_PLACE_FLOOR3_CALL_READY_SIGNAL_FROM_ROS:			
	%DB20.DBW234 "Modbus". Register.From_PC.			
	"Attachment "DROPPING_ Cmd".Drop_ PLACE_FLOOR3_ Location CALL_READY"			
	== Uint 3			
Network 32: DROPPING_PLACE_FLOOR4_CALL_READY_SIGNAL_FROM_ROS:				



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Totally Integrated Automation Portal		
, 10.0011,0110111 011011		
Network 35: DROPPIN	G_PLACE_FLOOR7_CALL_READY_SIGNAL_FROM_ROS:	
	%DB20.DBW234	
	"Modbus". Register-From_PC. "Attachment	
	Cmd-Drop_ "DROPPING_ Location PLACE_FLOOR7_	
	CALL_READY	
	7 Junt 7	
Notwork 36: DROPPIN	G_PLACE_FLOOR8_CALL_READY_SIGNAL_FROM_ROS:	
Network 50. Ditorrii	G_I EACE_I EGGNG_CAEE_NEADI_SIGNAE_I NGW_NGS.	
	WARRAN PRIMARY	
	<pre>%DB20.DBW234 "Modbus". Register.From_PC.</pre>	
	"Attachment "DROPPING_	
	Location PLACE_FLOORS_ CALL_READY"	
	== Uint	
	· · · · · · · · · · · · · · · · · · ·	
Network 37: DROPPIN	G_PLACE_FLOOR9_CALL_READY_SIGNAL_FROM_ROS:	
	ı	

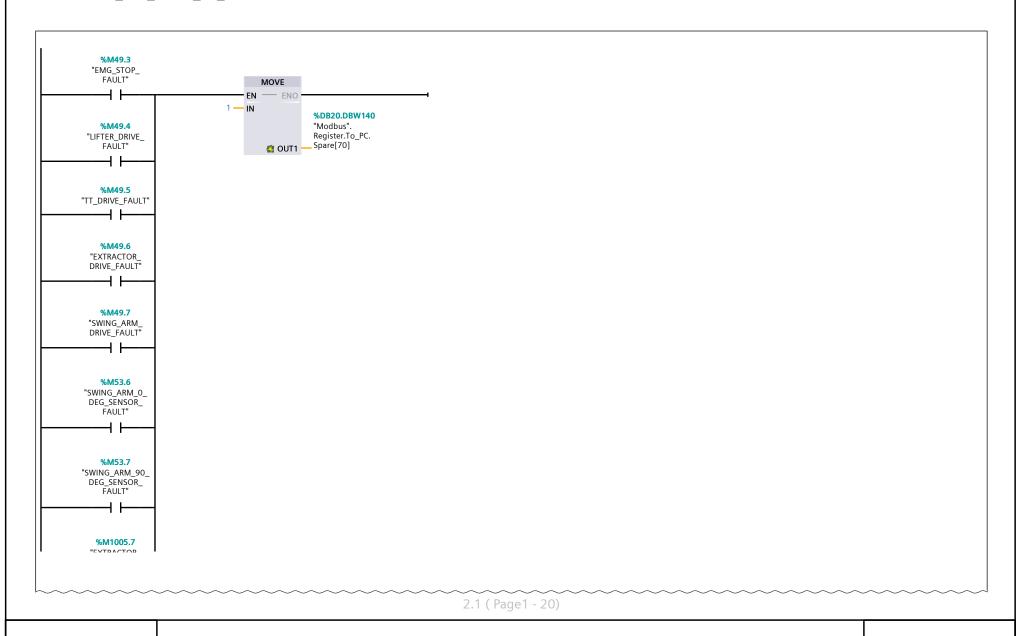






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Network 42: ALL_ACR_FAULT_TO_ROS: (1.1 / 2.1)



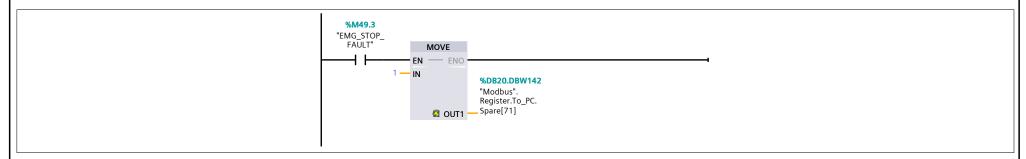
otally Integrated Automation Portal		
twork 42: ALL_ACR_FAULT_TO_ROS: (2.1 / 2	1)	
	1.1 (Page1 - 19)	
EXTRACTOR_ HOME_SENSOR_ FAULT"		
%M1006.0 "TT_HOME_0_ DEG_SENSOR_ FAULT"		
%M1006.4 "EXTRACTOR_ INSIDE_LASER_ SENSOR_FAULT"		

Totally Integrated Automation Portal

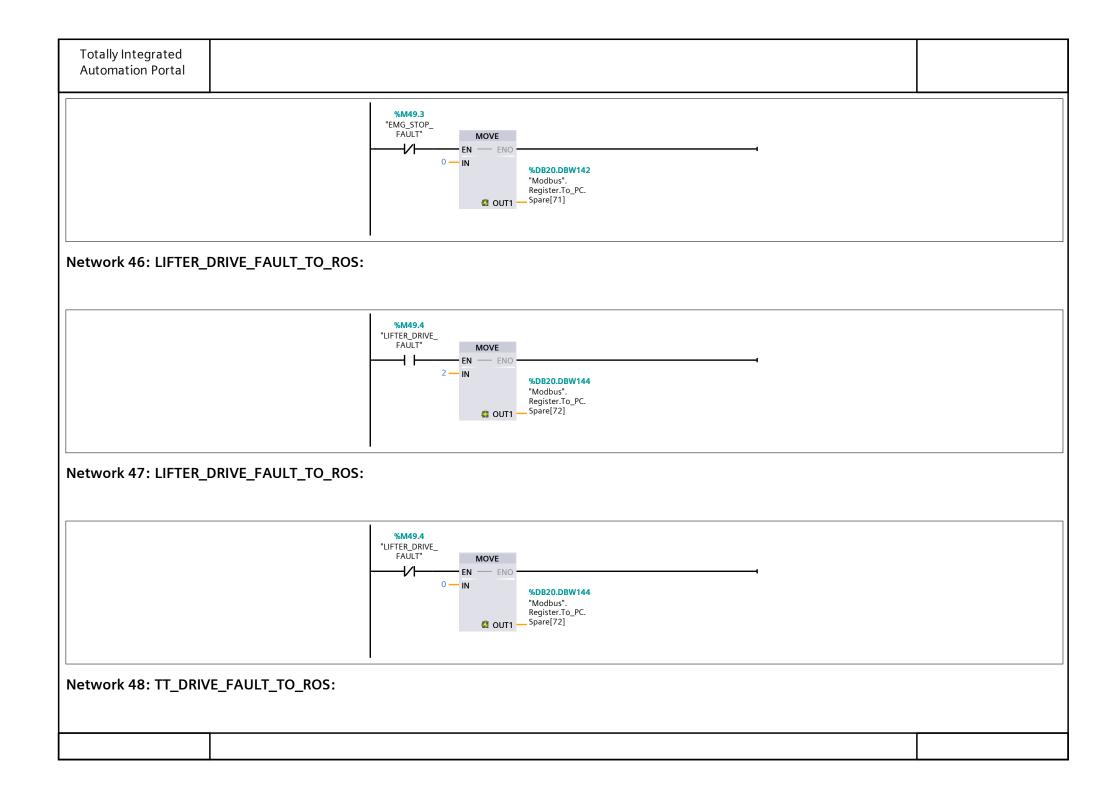
Network 43: ALL_ACR_FAULT_RESET_TO_ROS:

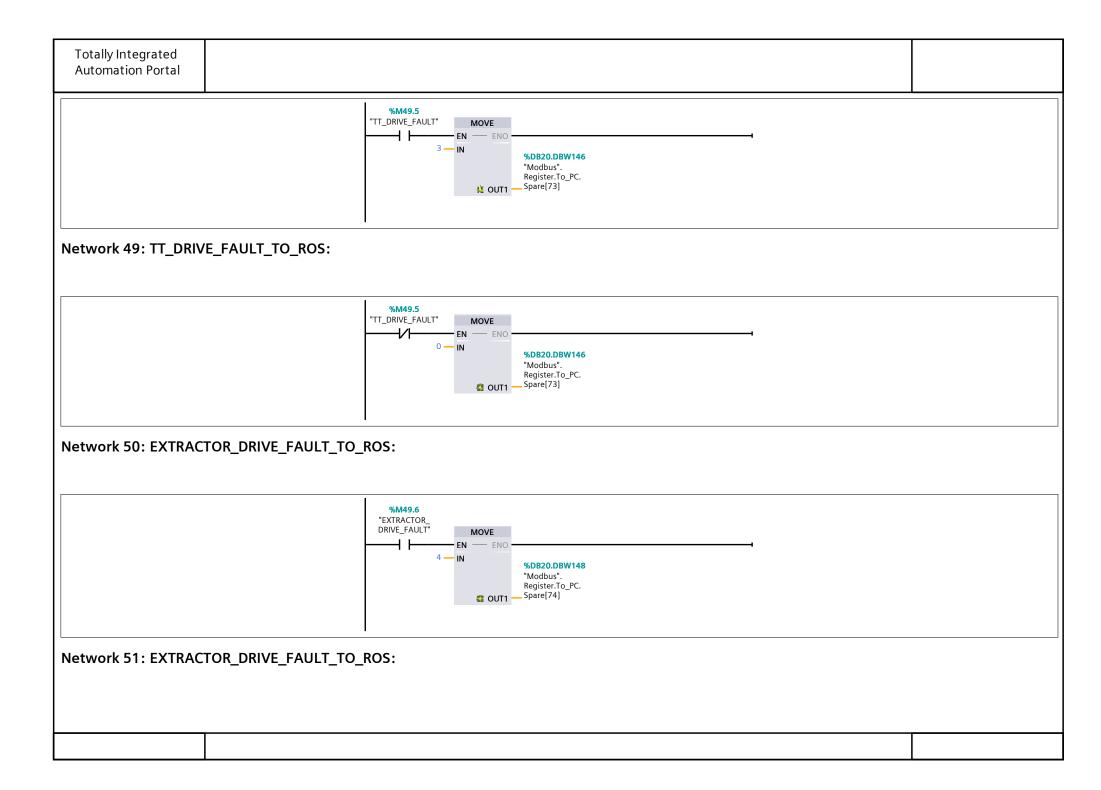
```
%M53.6
                                                                                                    %M53.7
                                                                                                                   %M1005.7
                                                                                                                                    %M1006.0
                                                                                                                                                    %M1006.4
 %M49.3
                  %M49.4
                                                  %M49.6
                                                                   %M49.7
                                                                                "SWING_ARM_0_
                                                                                                "SWING_ARM_90_
                                                                                                                  "EXTRACTOR_
                                                                                                                                  "TT_HOME_0_
                                                                                                                                                   "EXTRACTOR_
"EMG_STOP_
               "LIFTER_DRIVE_
                                  %M49.5
                                                 "EXTRACTOR_
                                                                 "SWING_ARM_
                                                                                 DEG_SENSOR_
                                                                                                  DEG_SENSOR_
                                                                                                                 HOME_SENSOR_
                                                                                                                                  DEG_SENSOR_
                                                                                                                                                  INSIDE_LASER_
                                                                                    FAULT"
                                                                                                    FAULT"
                                                                                                                     FAULT"
                                                                                                                                     FAULT"
                                                                                                                                                  SENSOR_FAULT"
  FAULT"
                  FAULT"
                              "TT_DRIVE_FAULT"
                                                DRIVE_FAULT"
                                                                 DRIVE_FAULT"
                                                                                                                                                                      MOVE
                                                                                                                                                               0 — IN
                                                                                                                                                                                  %DB20.DBW140
                                                                                                                                                                                  "Modbus".
                                                                                                                                                                                 Register.To_PC.
                                                                                                                                                                       OUT1 — Spare[70]
```

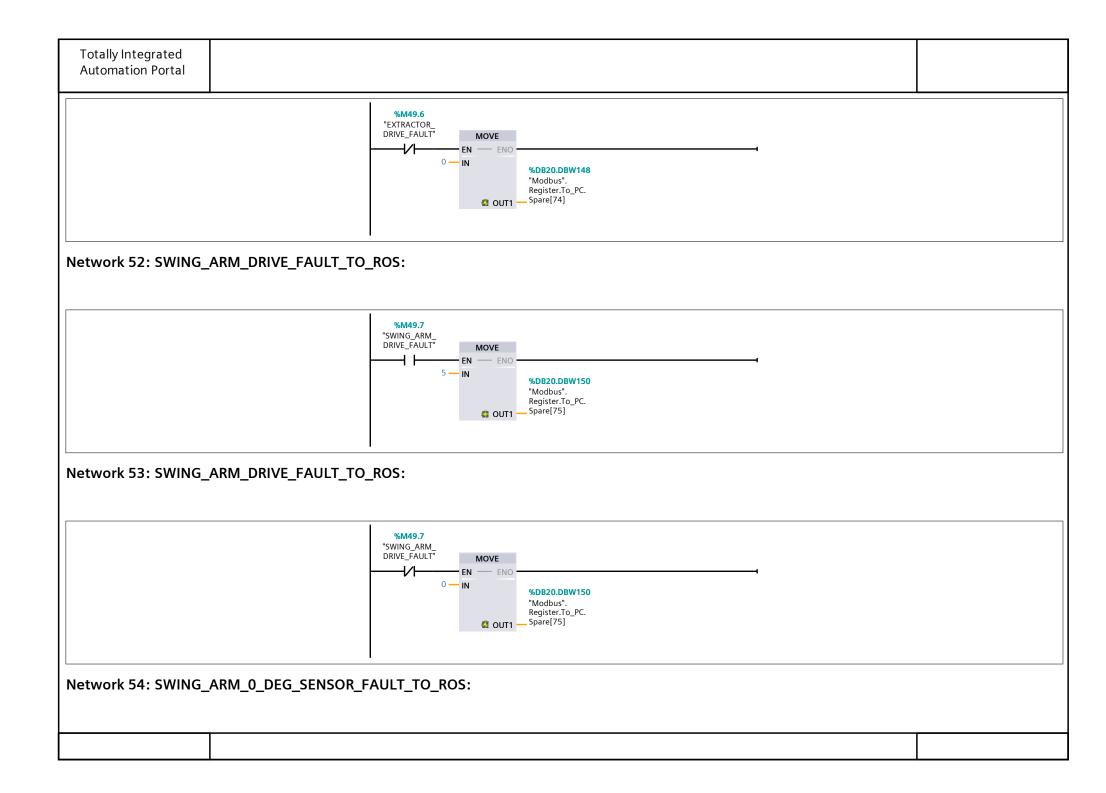
Network 44: EMG_STOP_FAULT_TO_ROS:

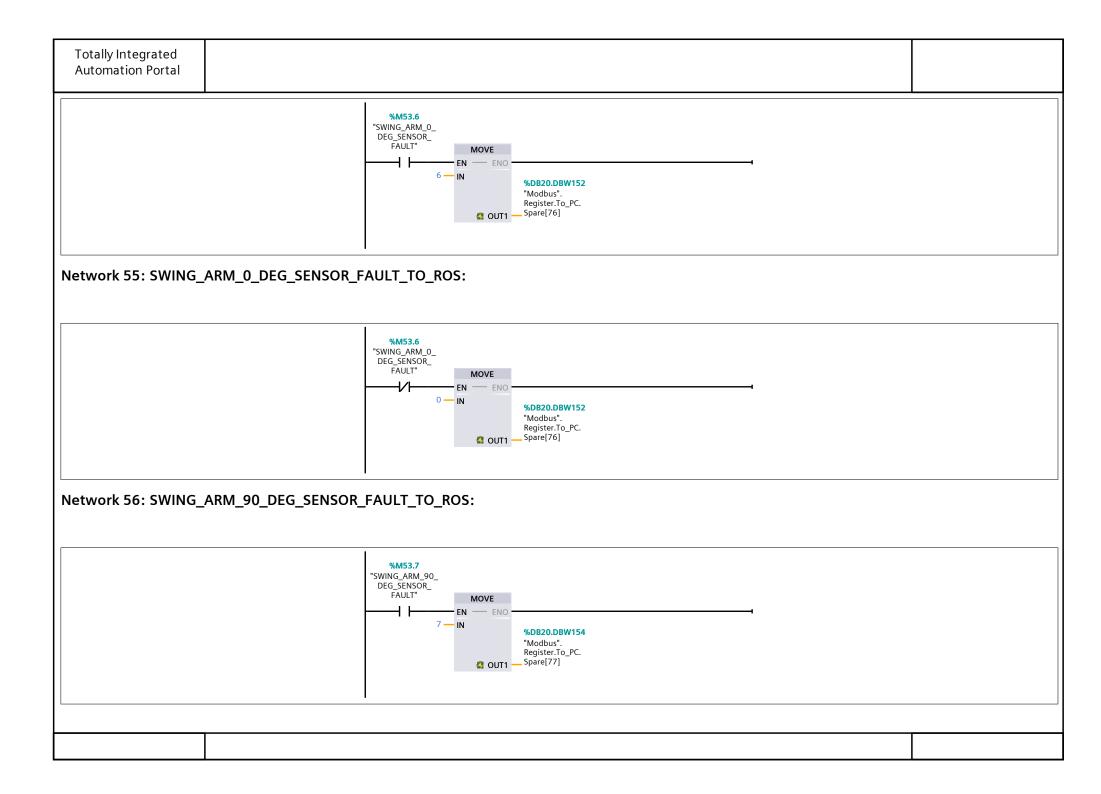


Network 45: EMG_STOP_FAULT_TO_ROS:



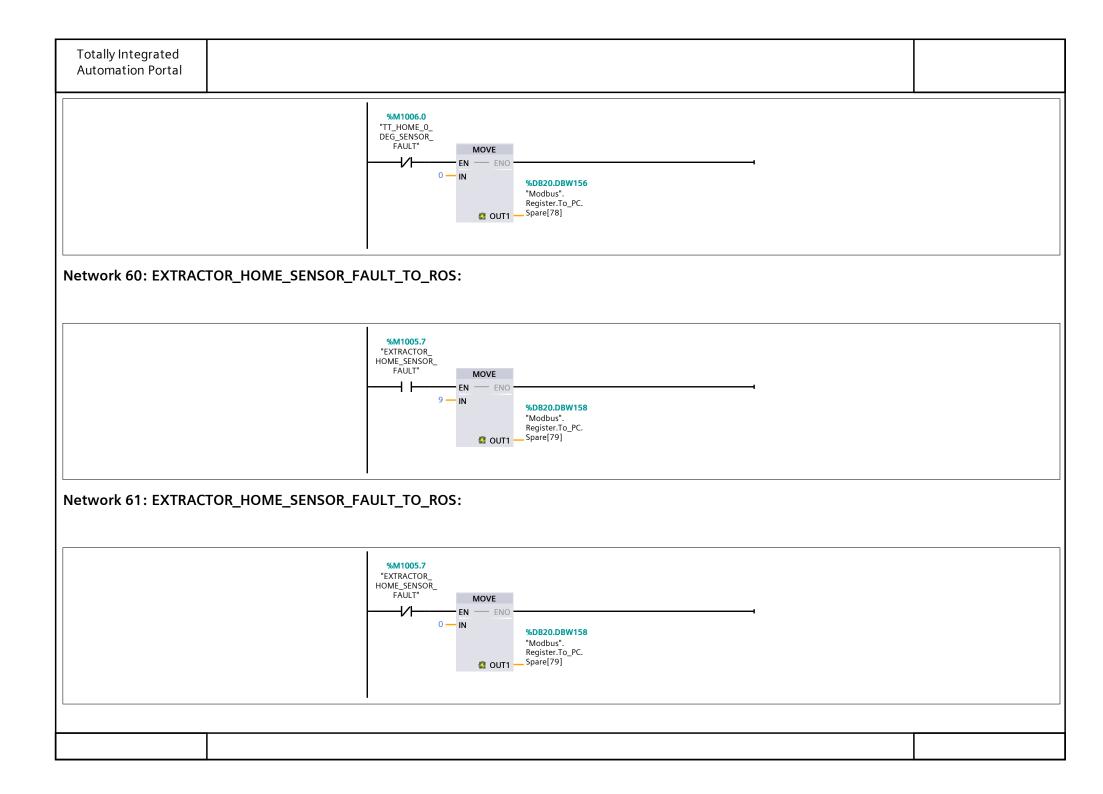






Totally Integrated **Automation Portal** Network 57: SWING_ARM_90_DEG_SENSOR_FAULT_TO_ROS: %M53.7 "SWING_ARM_90_ DEG_SENSOR_ FAULT" MOVE 0 — IN %DB20.DBW154 "Modbus". Register.To_PC.

Spare[77] Network 58: TT_HOME_0_DEG_SENSOR_FAULT_TO_ROS: %M1006.0 "TT_HOME_0_ DEG_SENSOR_ FAULT" MOVE - EN 8 — IN %DB20.DBW156 "Modbus". Register.To_PC. **₫** OUT1 — Spare[78] Network 59: TT_HOME_0_DEG_SENSOR_FAULT_TO_ROS:



Totally Integrated Automation Portal		
Network 62: EXTRAC	TOR_INSIDE_LASER_SENSOR_FAULT_TO_ROS:	
	*M1006.4 "EXTRACTOR_INSIDE_LASER_ SENSOR_FAULT" MOVE EN EN EN EN EN EN Wodbus". Register.To_PC. Spare[80]	
Network 63: EXTRAC	TOR_INSIDE_LASER_SENSOR_FAULT_TO_ROS:	
	*M1006.4 "EXTRACTOR_ INSIDE_LASER_ SENSOR_FAULT" MOVE EN E	
Network 64: LIFTER_	IOME_SENSOR_INDICATION_TO_ROS:	

```
Totally Integrated
  Automation Portal
                                                          %14.1
                                                         "IN_4.1"
                                                                       MOVE
                                                                    - EN
                                                                 1 — IN
                                                                                %DB20.DBW162
                                                                                "Modbus".
                                                                                Register.To_PC.
                                                                               __ Spare[81]
Network 65: LIFTER_HOME_SENSOR_INDICATION_TO_ROS:
                                                          %I4.1
                                                         "IN_4.1"
                                                                       MOVE
                                                                    - EN
                                                                                %DB20.DBW162
                                                                                "Modbus".
                                                                                Register.To_PC.

    OUT1 ── Spare[81]

Network 66: TT_HOME_SENSOR_INDICATION_TO_ROS:
                                                          %I3.7
                                                         "IN_3.7"
                                                                                %DB20.DBW164
                                                                                "Modbus".
                                                                                Register.To_PC.
                                                                        G OUT1 — Spare[82]
Network 67: TT_HOME_SENSOR_INDICATION_TO_ROS:
```

```
Totally Integrated
  Automation Portal
                                                        %I3.7
                                                        "IN_3.7"
                                                                      MOVE
                                                                   EN
                                                                0 — IN
                                                                               %DB20.DBW164
                                                                              "Modbus".
                                                                              Register.To_PC.
                                                                              _ Spare[82]
                                                                      🤼 OUT1 -
Network 68: EXTRACTOR_HOME_SENSOR_INDICATION_TO_ROS:
                                                        %I3.6
                                                        "IN_3.6"
                                                                     MOVE
                                                                   - EN
                                                                               %DB20.DBW166
                                                                               "Modbus".
                                                                              Register.To_PC.

    OUT1 ── Spare[83]

Network 69: EXTRACTOR_HOME_SENSOR_INDICATION_TO_ROS:
                                                        %I3.6
                                                        "IN_3.6"
                                                               0 — IN
                                                                               %DB20.DBW166
                                                                               "Modbus".
                                                                              Register.To_PC.
                                                                      # OUT1 — Spare[83]
Network 70: LASER_SENSOR_BYPASS_SIGNAL_FROM_ROS:
```

```
Totally Integrated
   Automation Portal
                                                                      %DB20.DBW288
                                                                        "Modbus".
                                                                                                                                               %M48.7
                                                                     Register.From_PC.
Spare[144]
                                                                                                                                           "LASER_SENSOR_
BYPASS_PB"
                                                                          ==
Int
                                                                          %M1.2
                                                                       "AlwaysTRUE"
Network 71: CHARGING_SIGNAL_FROM_ROS:
                                                                      %DB20.DBW290
                                                                     "Modbus".
Register.From_PC.
Spare[145]
                                                                                                                                              %Q3.7
"OUT_3.7"
                                                                          ==
Int
```