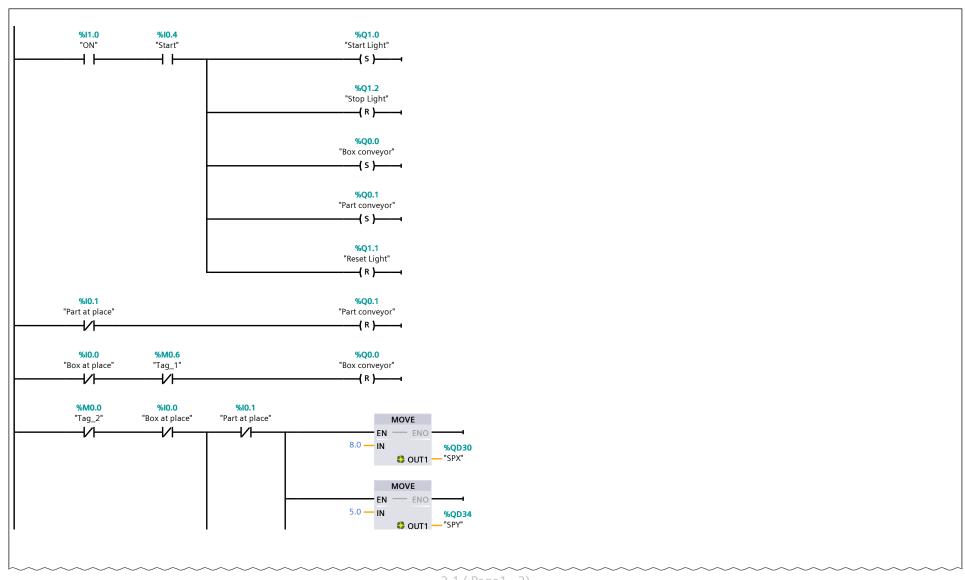
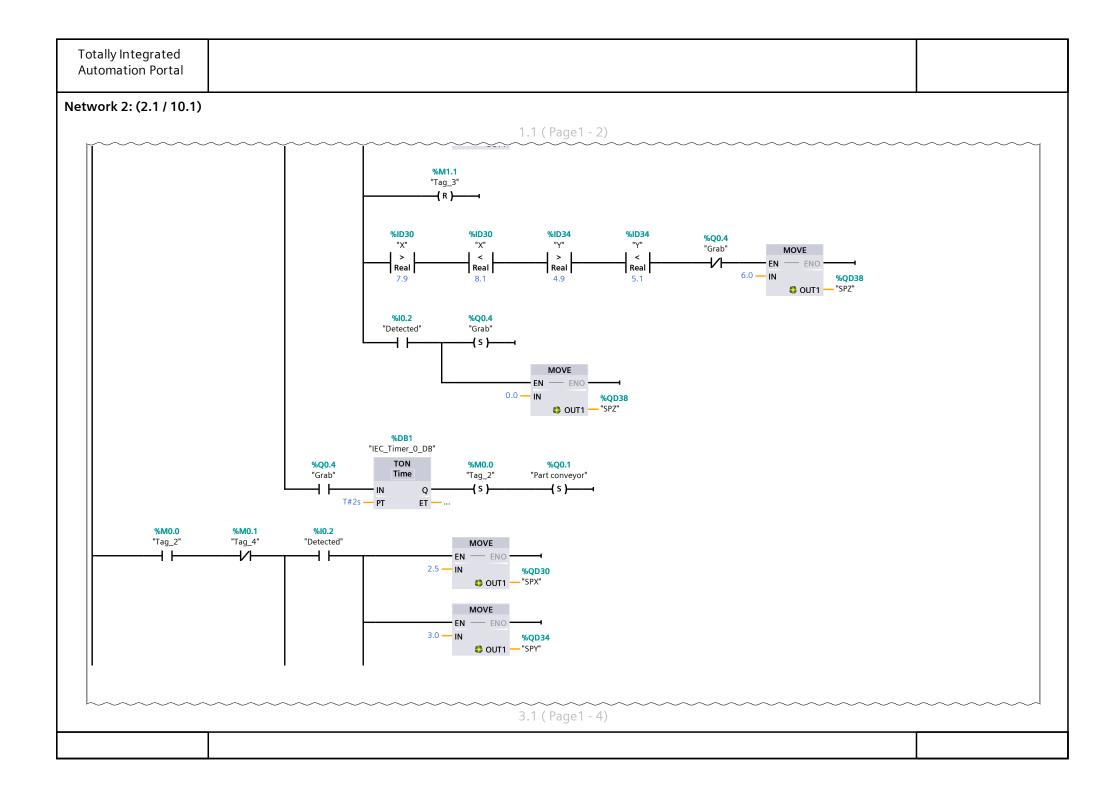
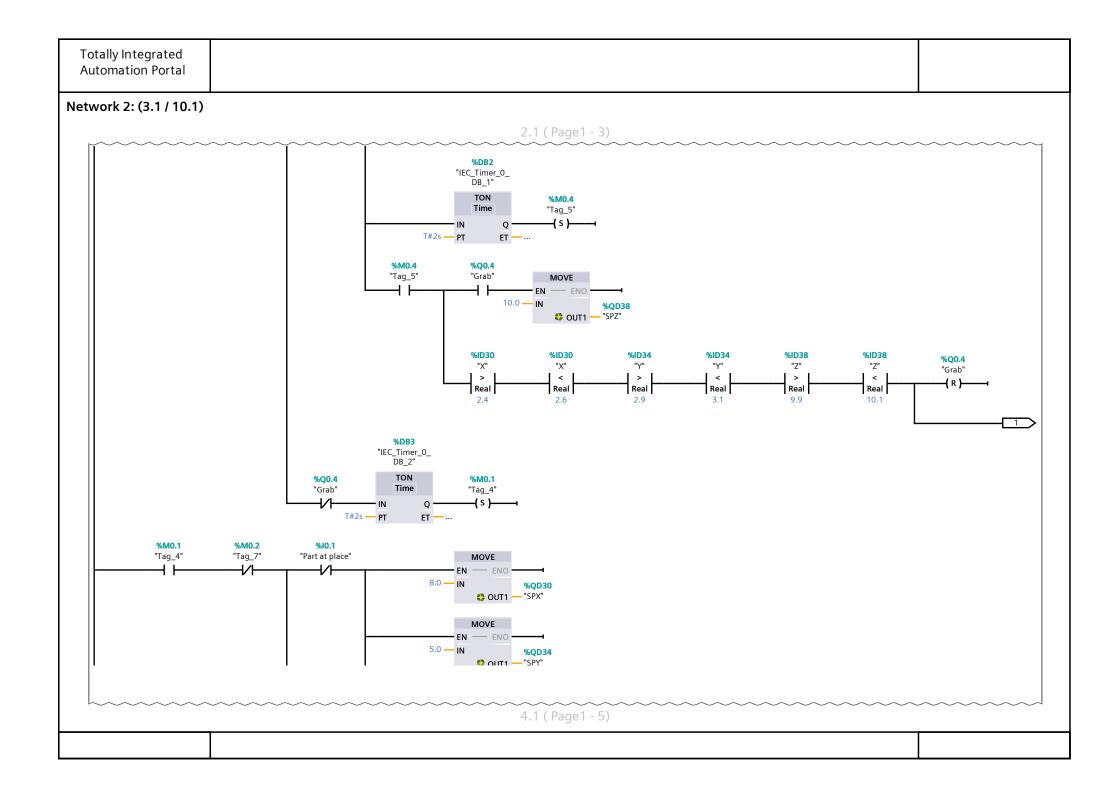
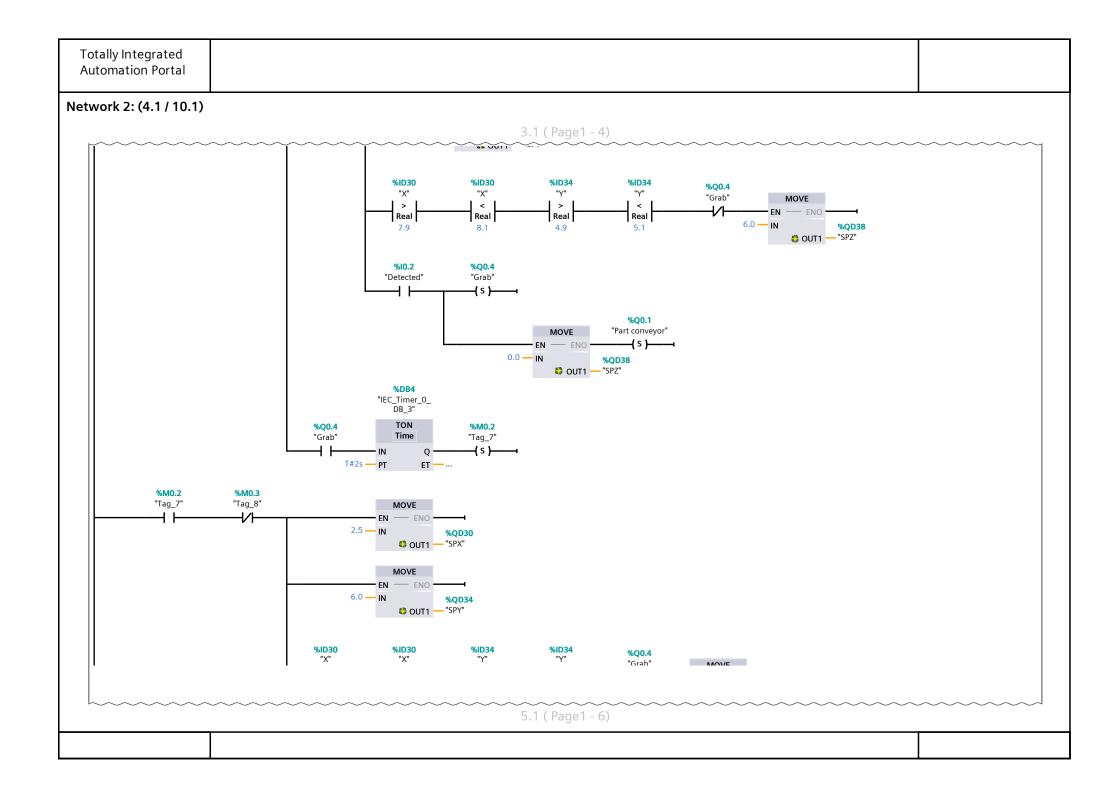
Totally Integ Automation	rated Portal								
PICK&PLA Main [OB1		C_1 [CPU 1	I511-1 PN]	/ Program bloc	ks				
Main Properties	5								
General									
Name	Main		Number	1	Type	ОВ		Language	LAD
Numbering	Automatic								
Information Title	"Main Progr	ram Sweep (Cy-	Author		Comment			Family	
Version	0.1		User-defined ID						
Main				<b>5</b> 6 1: 1					
Name			Data type	Default value		Supervision	Comment		
<b>▼</b> Input									
Initial_Ca			Bool	Initial call of this OB					
Remanen	ce		Bool		=True, if remanent data are a		ata are available		
Temp									
Constant									
Network 1:									
			"МНЈ- — EN	%FC9000 PLC-Lab-Function-S71500" ENO					
Symbol		Address	i	Туре		Comr	nent		
Network 2:									

## Network 2: (1.1 / 10.1)









otally Integrated Automation Portal				
twork 2: (5.1 / 10.1)				
<u>                                     </u>	~~~~		4.1 ( Page1 - 5)	
		Real	Comparison of the comparison	
			OUT1 — "SPZ"	
<b>%M0.3</b> "Tag_8"	<b>%M0.5</b> "Tag_9"	%IO.1 "Part at place"	MOVE %ID38 %ID38 %Q0.4 "Z" "Z" "Grah"	
	——I/I——		8.0 IN %QD30 Real Real (R)	
			9.9 10.1 MOVE  MOVE  EN — ENO —	
		-	EN — ENO — 100 — 1	QD38 SP7"
			<b>♦ OUT1</b> — "SPY" <b>%DB</b> 5	
			"IEC_Timer_0_ DB_4" %Q0.4 TON %M0.3	
			"Grab"	
			T#2s — PT	
			%ID30 %ID30 %ID34 %ID34 %Q0.4 "X" "X" "Y" "Y" "Grab" MOVE	
		-	Real Real Real Real EN ENO	
			7.9 8.1 4.9 5.1 6.0 IN %QD38 OUT1 — "SPZ"	
			%I0.2 %Q0.4 "Detected" "Grab"	
			(5)——(5)———————————————————————————————	
			EN — ENO	
			0.0 — IN %QD38  OUT1 — "SPZ"	
			%DB6	
		~~~~	6.1 ( Page1 - 7)	~~~~~

Totally Integrated Automation Portal	
etwork 2: (6.1 / 10.1)	
	5.1 ( Page1 - 6)  "IEC_Timer_0_ DB_5"
	WQ0.4
%M0.5 "Tag_9"	2.5 — IN — SPX"  MOVE EN — ENO %QD30 — "SPX"
	MOVE  EN ENO  NO WOD34  OUT1 "SPY"
	%Q0.3 "C+" { S }
	%ID30 %ID30 %ID34 %ID34 %Q0.4 "Grab" MOVE EN EN ENO IN SPZ"
	%ID38 "Z" "Z" "Grab"
	O.O — IN — "SPZ"  WQD38  OUT1 — "SPZ"
	7.1 ( Page1 - 8)

Network 2: (7.1/10.1)  6.1 ( Page 1 - 7)    Super	Totally Integrated Automation Portal	
SOD   TON   TON	Network 2: (7.1 / 10.1)	6.1 ( Page1 - 7)
8.1 ( Page1 - 9)		"EC_Timer_0_DB_6" DB_6" DB_6" Tag_3" Tag_1" Tag_3" Tag_1" Tag_1" Tag_3" Tag_1"
	h	8.1 ( Page1 - 9)

Totally Integrated Automation Portal		
Network 2: (8.1 / 10.1)		
	7.1 ( Page1 - 8)	
	9.1 ( Page1 - 10)	
	5 (. age 1 - 10)	

8.1 (Page 1-9)  8.1 (Page 1-9)  10.1 (Page 1-11)	Totally Integrated Automation Portal		
	Network 2: (9.1 / 10.1)	8.1 ( Page1 - 9)	
10.1 (Page1 - 11)			
10.1 (Page1-11)			
10.1 (Page1 · 11)			
10.1 ( Page 1 - 11)			
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		10.1 ( Page1 - 11)	

Fotally Integrated Automation Portal			
twork 2: (10.1 / 10.1	)		
		9.1 ( Page1 - 10)	 
	MOVE		
0.0	EN ENO WQD38		
	♣ OUT1 — "SPZ"		

Totally Integrated Automation Portal				
Symbol	Address	Туре	Comment	
"Box at place"	%10.0	Bool		
"Box conveyor"	%Q0.0	Bool		
"C+"	%Q0.3	Bool		
"Counter"	%QD42	DInt		
"Detected"	%10.2	Bool		
"Exit conveyor"	%Q0.2	Bool		
"Exit Green"	%Q0.5	Bool		
"Grab"	%Q0.4	Bool		
"ON"	%I1.O	Bool		
"Part at place"	%IO.1	Bool		
"Part conveyor"	%Q0.1	Bool		
"Reset Light"	%Q1.1	Bool		
"SPX"	%QD30	Real		
"SPY"	%QD34	Real		
"SPZ"	%QD38	Real		
"Start Light"	%Q1.0	Bool		
"Start"	%IO.4	Bool		
"Stop Light"	%Q1.2	Bool		
"Tag_1"	%M0.6	Bool		
"Tag_2"	%M0.0	Bool		
"Tag_3"	%M1.1	Bool		
"Tag_4"	%M0.1	Bool		
"Tag_5"	%M0.4	Bool		
"Tag_6"	%M1.0	Bool		
"Tag_7"	%M0.2	Bool		
"Tag_8"	%M0.3	Bool		
"Tag_9"	%M0.5	Bool		
UT - 10	0/ 1/ 1/ 1/ 1/ 1/ 1/ 1/ 1/ 1/ 1/ 1/ 1/ 1/	D. +		

Byte

Real

Real

DWord

## Network 3:

"Tag\_10"

"X"

"Y"

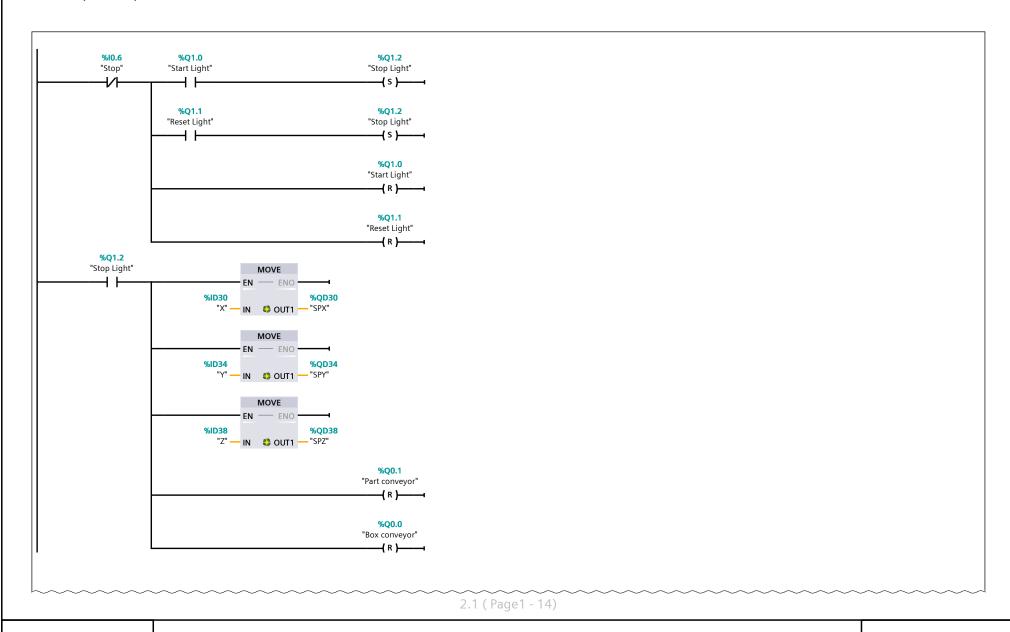
%MB0

%ID30

%ID34

%ID38

## Network 3: (1.1 / 3.1)



Totally Integrated Automation Portal					
etwork 3: (2.1 / 3.1)					
		1.1 ( Pag	ge1 - 13)		
%10.5 "Reset"		%Q1.1 "Reset Light" —— { S }			
		%Q1.2 "Stop Light" ————————————————————————————————————			
		%Q1.0 "Start Light" ——— { R }			
%Q1.1 "Reset Light"	MOVE EN ENO %QB0 OUT1 — "Tag_11"				
	0.0 — IN — ENO — %QD30 — "SPX"				
	0.0 — IN — ENO ————————————————————————————————				
	0.0 — IN — ENO ————————————————————————————————				
	O IN ENO %QD42 %QD42 "Counter"				
	MOVE				
	·····	3.1 ( Pac	 ne1 - 15)	~~~~~	
		3.1 ( Pag	ge1 - 15)		

Totally Integrated Automation Portal		
Network 3: (3.1 / 3.1)	1	
	2.1 ( Page1 - 14)	~~~~~
	O — IN	
	%Q0.1 "Part conveyor"  { R }  %Q0.0 "Box conveyor"  { R }	

Totally Integrated
<b>Automation Portal</b>

Symbol	Address	Туре	Comment
"Box conveyor"	%Q0.0	Bool	
"Counter"	%QD42	DInt	
"Part conveyor"	%Q0.1	Bool	
"Reset Light"	%Q1.1	Bool	
"Reset"	%10.5	Bool	
"SPX"	%QD30	Real	
"SPY"	%QD34	Real	
"SPZ"	%QD38	Real	
"Start Light"	%Q1.0	Bool	
"Stop Light"	%Q1.2	Bool	
"Stop"	%10.6	Bool	
"Tag_10"	%MBO	Byte	
"Tag_11"	%QBO	Byte	
"Tag_12"	%MB1	Byte	
"X"	%ID30	DWord	
"Y"	%ID34	Real	
"Z"	%ID38	Real	

## Network 4:



Totally Integrated Automation Portal				
ymbol	Address	Туре	Comment	
Cstart"	%I1.3	Bool		
Cstop"	%11.4	Bool		
ox conveyor"	%Q0.0	Bool		
Cstart"	%11.6	Bool		
Cstop"	%I1.7	Bool		
xit conveyor"	%Q0.2	Bool		