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GSD device_1

This folder is empty.

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GSD device_3

This folder is empty.

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GSD device_2

This folder is empty.

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S7300/ET200M station_1

S7300/ET200M station_1					
S7300/ET200M station\General					
Name	S7300/ET200M station_1	**Author**	ZIAD_MA	**Comment**	

PLC_MASTER					
General					
Name	PLC_MASTER	**Author**	ZIAD_MA	**Comment**	
Rack	0	**Slot**	2		
General\Catalog information					
Short designation	CPU 315-2 DP	**Description**	Work memory 256KB; 0.05ms/1000 instructions; MPI+DP interface (DP master or DP slave); multi-tier configuration up to 32 modules; capable of sending and receiving in direct data exchange; constant bus cycle time, routing, S7 communication (loadable FBs/FCs); firmware V3.3; also available as SIPLUS module with article number 6AG1 315-2AH14-2AY0.	**Article number**	6ES7 315-2AH14-0AB0
Firmware version	V3.3				
General\Identification & Maintenance					
Plant designation		**Location identifier**			
MPI interface\General					
Name	MPI interface_1	**Comment**			
MPI interface\MPI address\Interface networked with					
Subnet:	MPI_1				
MPI interface\MPI address\Parameters					
Address:	2	**Highest address:**	31	**Transmission speed:**	187.5 kbps
DP interface [X2]\General					
Name	DP interface_1	**Comment**			
DP interface [X2]\PROFIBUS address\Interface networked with					
Subnet:	PROFIBUS_1				
DP interface [X2]\PROFIBUS address\Parameters					
Address:	2	**Highest address:**	126	**Transmission speed:**	187.5 kbps

DP interface [X2]\Operating mode					
Operating mode	DP master	**DP master system:**	DP-Mastersystem (1)	**Assigned DP Master:**	Not assigned
DP interface [X2]\Operating mode\DPOperatingModeAddOnsMenu					
Test, commissioning and routing	False	**Watchdog**	True		
DP interface [X2]\Time-of-day synchronization\SIMATIC mode					
Synchronization type	None	**Time interval**	None		

DP interface [X2]\SYNC/FREEZE			
Group	**SYNC**	**FREEZE**	**Comment**
1	True	True	
2	True	True	
3	True	True	
4	True	True	
5	True	True	
6	True	True	
7	True	True	
8	True	True	

DP interface [X2]\Diagnostics addresses\Diagnostics addresses					
Start address	2047				
Startup					
Startup if preset configuration does not match actual configuration	True	**Startup after POWER ON**	Warm restart		
Startup\Monitoring time for					
Ready message from modules	650x 100 ms	**Parameter transfer to modules**	100x 100 ms		
Cycle					
Cycle monitoring time	150ms	**Cycle load due to communication**	20%	**Size of the process image input:**	128
Size of the process image output:	128	**OB85 call if I/O access error occurs**	No OB85 call		
Cycle\Prioritized OCM communication					
Prioritized OCM communication	False				
Clock memory					
Clock memory	False	**Memory byte**	0		

Interrupts\Time-of-day interrupts\				
OB number	**Priority**	**Active**	**Execution**	**Start time**
OB 10	2	False	None	1994-01-01 00:00:00.000

Interrupts\Time-delay interrupts\		
OB number	**Priority**	**Process image partition(s)**
OB 20	3	None
OB 21	4	None

Interrupts\Cyclic interrupts\				
OB number	**Priority**	**Execution**	**Phase offset**	**Unit**
OB 32	9	1000	0	ms
OB 33	10	500	0	ms
OB 34	11	200	0	ms
OB 35	12	100	0	ms

Interrupts\Hardware interrupts\	
OB number	**Priority**
OB 40	16

Interrupts\Interrupts for DPV1\	
OB number	**Priority**
OB 55	2
OB 56	2
OB 57	2

Interrupts\Isochronous mode interrupts					
OB number	**Priority**	**Distributed I/O**	**Process image partition(s)**	**Delay time (ms)**	**Automatic setting**
OB 61	25	0		0.000	True

Interrupts\Isochronous mode interrupts\OB 61					
Application cycle:	0ms	**Delay time:**	0.000ms	**Automatic setting**	True
Distributed I/O:	0				

Interrupts\Isochronous mode interrupts\OB 61\Process image partition		
PIP:		

Interrupts\Asynchronous error interrupts\	
OB number	**Priority**
OB 82	26
OB 85	26
OB 86	26
OB 87	26

Diagnostics system					
Report cause of STOP	True	**Number of alarms in the diagnostics buffer**	10		
System diagnostics\General					
Activate system diagnostics for this device	False				
Time of day					
Correction factor	0ms				
Time of day\Synchronization on PLC					
Type of synchronization	None	**Time interval**	None		
Time of day\Synchronization on MPI					
Type of synchronization	None	**Time interval**	None		
Retentive memory					
Number of memory bytes starting at MB 0	16	**Number of S7 timers starting at T 0**	0	**Number of S7 counters starting at C 0**	8
Protection					
Password		**Confirm password**			
Protection					
Level of protection	No protection				
Protection\ \Can be canceled with password					
Can be canceled with password	False				
Connection resources					
PG communication:	1	**OP communication:**	1	**S7 basic communication:**	0
S7 communication:	0	**Maximum number of S7 connection resources:**	16		
Overview of addresses\Overview of addresses\Overview of addresses					
Inputs	True	**Outputs**	True	**Address gaps**	False
Slot	True				

Type	Addr. from	Addr. to	Module	PIP	Device name	Device number	Size	Master / IO system	Rack	Slot
I*	2047	2047	DP interface_1	---	PLC_MASTER [CPU 315-2 DP]	-	0 Bits	-	0	2 X2
I*	2046	2046	BALL_MILL	---	BALL_MILL	3	0 Bits	DP-Mastersystem [1]	0	0
I	0	16	Universal module_1	OB1-PI	BALL_MILL	3	17 Bytes	DP-Mastersystem [1]	0	1
O	0	11	Universal module_1	OB1-PI	BALL_MILL	3	12 Bytes	DP-Mastersystem [1]	0	1
I*	2045	2045	KLS	---	KLS	4	0 Bits	DP-Mastersystem [1]	0	0
I	17	33	Universal module_1	OB1-PI	KLS	4	17 Bytes	DP-Mastersystem [1]	0	1
O	12	23	Universal module_1	OB1-PI	KLS	4	12 Bytes	DP-Mastersystem [1]	0	1
I*	2044	2044	BAZELT	---	BAZELT	5	0 Bits	DP-Mastersystem [1]	0	0
I	34	50	Universal module_1	OB1-PI	BAZELT	5	17 Bytes	DP-Mastersystem [1]	0	1
O	24	35	Universal module_1	OB1-PI	BAZELT	5	12 Bytes	DP-Mastersystem [1]	0	1

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SCADA

SCADA					
General					
Name	SCADA	**Computer name identical to PC station name**	No	**Computer name**	
Author	ZIAD_MA	**Comment**			
XDB configuration					
S7RTM is installed (for example the SIMATIC NET PC software)	No	**Generate XDB file**	No	**XDB file storage path**	

CP 5611 A2_1					
General					
Name	CP 5611 A2_1	**Author**	ZIAD_MA	**Comment**	
Slot	1				
General\Catalog information					
Short designation	CP 5611 A2	**Description**	CP 5611 A2 communications processor for connection to PROFIBUS, S7 connections, DP master, DPV1, DP slave, PG functions, DP master class 2, PCI bus, routing, SIMATIC NET PC Software 7/2001 SP5 ...	**Article number**	6GK1 561-1AA00
Software version	V6.0.5				
MPI address\Interface networked with					
Subnet:	MPI_1				
MPI address\Parameters					
Interface type:	Mpi	**Address:**	3	**Highest address:**	31
Transmission speed:	187.5 kbps				
Assignment					
Interface parameter assignment used	CP5611(PROFIBUS)				
Operating mode					
Operating mode	No DP			**DP master system:**	

Assigned DP Master:	Not assigned				
Operating mode\DPOperatingModeAddOnsMenu					
DP mode	DPV0-compatible	**AUTOCLEAR**	0	**Watchdog**	True
Reserved LSAPs					
LSAP1	Not reserved	**LSAP2**	Not reserved	**LSAP3**	Not reserved
LSAP4	Not reserved	**LSAP5**	Not reserved	**LSAP6**	Not reserved
LSAP7	Not reserved	**LSAP8**	Not reserved	**LSAP9**	Not reserved
LSAP10	Not reserved	**LSAP11**	Not reserved	**LSAP12**	Not reserved
LSAP13	Not reserved	**LSAP14**	Not reserved	**LSAP15**	Not reserved
LSAP16	Not reserved	**LSAP17**	Not reserved	**LSAP18**	Not reserved
LSAP19	Not reserved	**LSAP20**	Not reserved	**LSAP21**	Not reserved
LSAP22	Not reserved	**LSAP23**	Not reserved	**LSAP24**	Not reserved
LSAP25	Not reserved	**LSAP26**	Not reserved	**LSAP27**	Not reserved
LSAP28	Not reserved	**LSAP29**	Not reserved	**LSAP30**	Not reserved
LSAP31	Not reserved	**LSAP32**	Not reserved	**LSAP33**	Not reserved
LSAP34	Not reserved	**LSAP35**	Not reserved	**LSAP36**	Not reserved
LSAP37	Not reserved	**LSAP38**	Not reserved	**LSAP39**	Not reserved
LSAP40	Not reserved	**LSAP41**	Not reserved	**LSAP42**	Not reserved
LSAP43	Not reserved	**LSAP44**	Not reserved	**LSAP45**	Not reserved
LSAP46	Not reserved	**LSAP47**	Not reserved	**LSAP48**	Not reserved
LSAP49	Not reserved	**LSAP50**	Not reserved		

HMI_RT_1					
General					
Name	HMI_RT_1	**Device/application type**	SIMATIC PC station - WinCC RT Advanced	**Author**	ZIAD_MA
Comment					
General\Catalog information					
Short designation	WinCC RT Advanced	**Description**	Runtime software for PC-based visualization (requires WinCC Runtime Advanced)	**Article number**	6AV2 104-0xxxx-xxxx
Version	16.0.0.0				
Information					
Number of used PowerTags	13	**Memory requirements in runtime**	172320	**Compilation build number**	68
Date of last compilation	8/17/2024 1:17 AM	**Date of last download**			

HMI_RT_1					
General					
Name	HMI_RT_1	**Device/application type**	SIMATIC PC station - WinCC RT Advanced	**Author**	ZIAD_MA
Comment					
General\Catalog information					
Short designation	WinCC RT Advanced	**Description**	Runtime software for PC-based visualization (requires WinCC Runtime Advanced)	**Article number**	6AV2 104-0xxxx-xxxx
Version	16.0.0.0				
Information					
Number of used PowerTags	13	**Memory requirements in runtime**	172320	**Compilation build number**	68
Date of last compilation	8/17/2024 1:17 AM	**Date of last download**			

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MPI_1

This folder is empty.

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PROFIBUS_1

PROFIBUS_1					
General					
Name:	PROFIBUS_1	**S7 subnet ID:**	1D5A - 1		
Network settings					
Highest PROFIBUS address:	126	**Transmission speed:**	45.45 (31.25) kbps	**Profile:**	DP
Cable configuration					
Take into account the following cable configuration	False				
Additional network devices					
Take into account the following network devices:	False				
Bus parameters\Cyclic distribution					
Enable cyclic distribution of bus parameters	True				
Bus parameters\Parameters					
Tslot_Init:	0t_Bit	**Tslot:**	0t_Bit	**Max. Tsdr:**	0t_Bit
Tid2:	0t_Bit	**Min. Tsdr:**	0t_Bit	**Trdy:**	0t_Bit
Tset:	0t_Bit	**Tid1:**	0t_Bit	**Tqui:**	0t_Bit
Ttr:	0t_Bit	**=**	0ms	**Gap factor:**	0
Ttr typical:	0t_Bit	**=**	0ms	**Retry limit:**	1
Watchdog:	0t_Bit	**=**	0ms		
Constant bus cycle time					
Enable constant bus cycle time	False				

Detailed overview

Name	Isochronous mode	Time Ti	Time To	Ti/To values	Address	Slot	ToiMin	TDPMin	TDpMax	Tm
PLC_MASTER	False		0							

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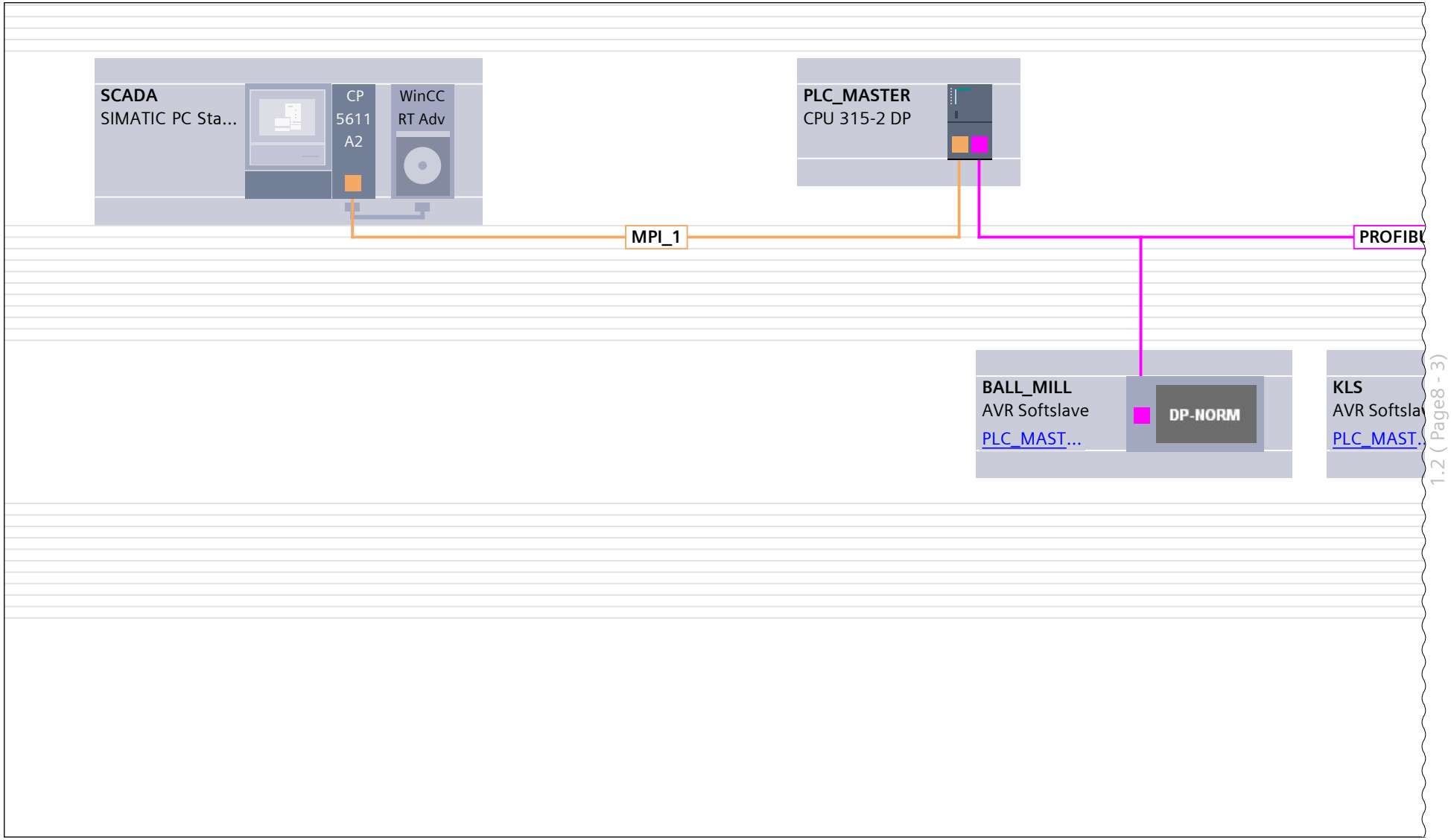
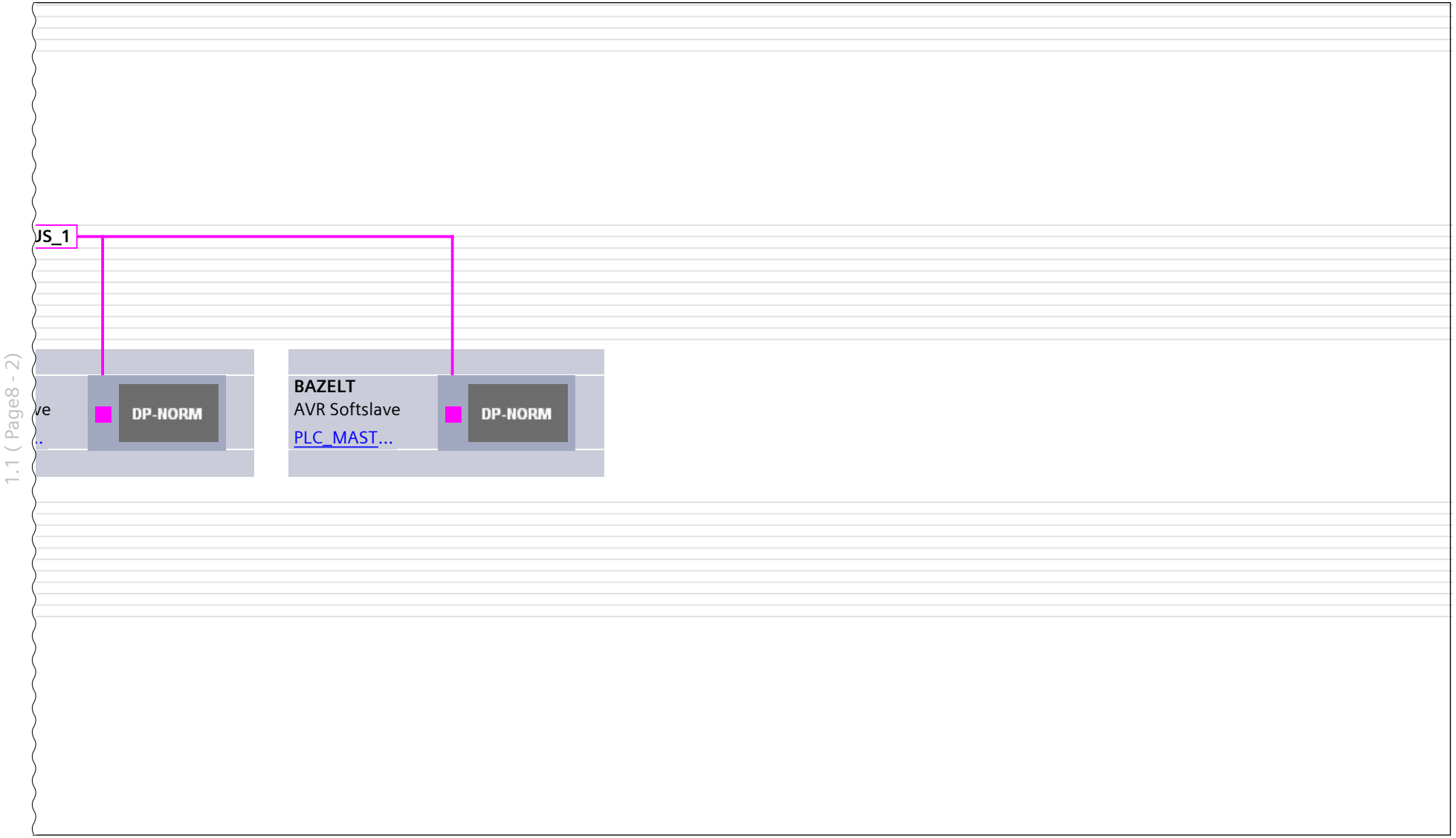
Network view (1.1 / 1.2)



Network view (1.2 / 1.2)