



From Concept to Commissioning: Automation Without Blind Spots.

How we transform your vision into a production-ready plant.



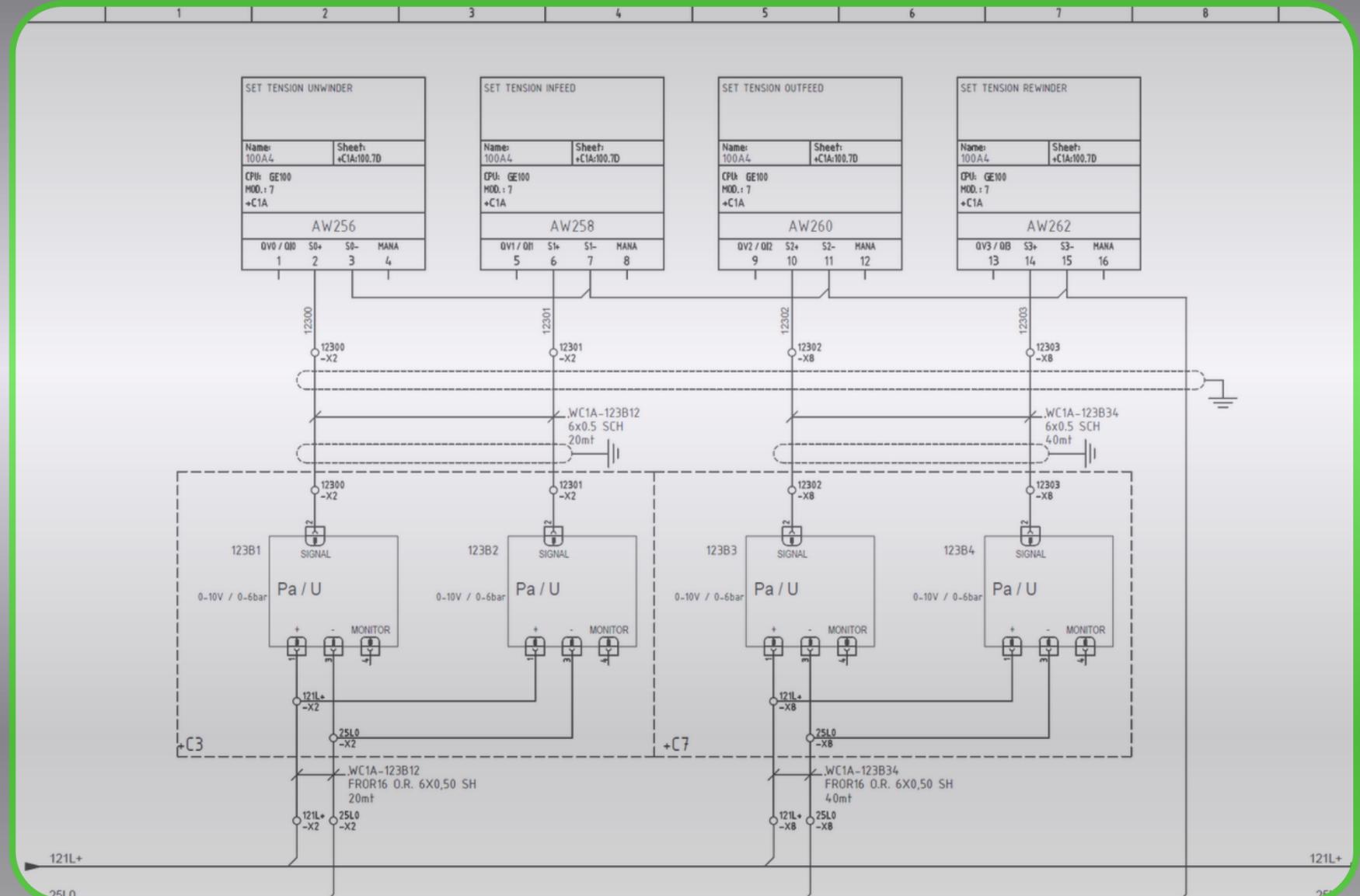
Module	Rack	Slot	I address	Q address	Type	Article no.
ID1_MOTION	0	1			CPU 1515F-2 PN	6ES7 515-2FM...
PROFINET interface_1	0	1 X1			PROFINET interface	
PROFINET interface_2	0	1 X2			PROFINET interface	
DI 32x24VDC BA_1	0	2	0...3		DI 32x24VDC BA	6ES7 521-1BL1...
DQ 32x24VDC/0.5A BA_1	0	3		0...3	DQ 32x24VDC/0.5...	6ES7 522-1BL1...
AI 8xU/I/RTD/TC ST_1	0	4	256...271		AI 8xU/I/RTD/TC ST	6ES7 531-7KF0...
AQ 4xU/I ST_1	0	5		256...263	AQ 4xU/I ST	6ES7 532-5HD...
F-DI 16x24V DC_1	0	6	100...108	100...104	F-DI 16x24V DC	6ES7 526-1BH0...
F-DQ 8x24V DC/2A PPM	0	7	109...114	109...114	F-DQ 8x24V DC/2A ...	6ES7 526-2BF0...
	0	8				
	0	9				
	0	10				
	0	11				
	0	12				
	0	13				
	0	14				
	0	15				
	0	16				
	0	17				
	0	18				
	0	19				
	0	20				
	0	21				
	0	22				
	0	23				
	0	24				
	0	25				
	0	26				

Analysis and Ideal Architecture

Every project begins with a careful analysis of critical aspects to define the most efficient technical solution.

Project tree: Migrazione_Unified > ID1_MOTION [CPU 1517T-3 PN] > PLC tags

Name	Tag table	Data type	Address	Retain	Acces...	Writa...	Visibl...
28	PU1_TM41_Actor_Interface_Ad...	Motion	*PD_TEL3_IN*	%E644.0			
29	PU1_TM41_Actor_Interface_Ad...	Motion	*PD_TEL3_OUT*	%A644.0			
30	PU2_Actor_Interface_AddressIn	Motion	*PD_TEL105_IN*	%E670.0			
31	PU2_Actor_Interface_Address...	Motion	*PD_TEL105_O...	%A670.0			
32	PU2_Actor_Interface_TorqueDa...	Motion	*PD_TEL750_IN*	%E692.0			
33	PU2_Actor_Interface_TorqueDa...	Motion	*PD_TEL750_O...	%A692.0			
34	PU2_TM41_Actor_Interface_Ad...	Motion	*PD_TEL3_IN*	%E698.0			
35	PU2_TM41_Actor_Interface_Ad...	Motion	*PD_TEL3_OUT*	%A698.0			
36	PU3_Actor_Interface_AddressIn	Motion	*PD_TEL105_IN*	%E724.0			
37	PU3_Actor_Interface_Address...	Motion	*PD_TEL105_O...	%A724.0			
38	PU3_Actor_Interface_TorqueDa...	Motion	*PD_TEL750_IN*	%E744.0			
39	PU3_Actor_Interface_TorqueDa...	Motion	*PD_TEL750_O...	%A744.0			
40	PU3_TM41_Actor_Interface_Ad...	Motion	*PD_TEL3_IN*	%E750.0			
41	PU3_TM41_Actor_Interface_Ad...	Motion	*PD_TEL3_OUT*	%A750.0			
42	PU4_Actor_Interface_AddressIn	Motion	*PD_TEL105_IN*	%E776.0			
43	PU4_Actor_Interface_Address...	Motion	*PD_TEL105_O...	%A776.0			
44	PU4_Actor_Interface_TorqueDa...	Motion	*PD_TEL750_IN*	%E796.0			
45	PU4_Actor_Interface_TorqueDa...	Motion	*PD_TEL750_O...	%A796.0			
46	PU4_TM41_Actor_Interface_Ad...	Motion	*PD_TEL3_IN*	%E802.0			
47	PU4_TM41_Actor_Interface_Ad...	Motion	*PD_TEL3_OUT*	%A802.0			
48	PU5_Actor_Interface_AddressIn	Motion	*PD_TEL105_IN*	%E828.0			
49	PU5_Actor_Interface_Address...	Motion	*PD_TEL105_O...	%A828.0			
50	PU5_Actor_Interface_TorqueDa...	Motion	*PD_TEL750_IN*	%E848.0			
51	PU5_Actor_Interface_TorqueDa...	Motion	*PD_TEL750_O...	%A848.0			
52	PU5_TM41_Actor_Interface_Ad...	Motion	*PD_TEL3_IN*	%E854.0			
53	PU5_TM41_Actor_Interface_Ad...	Motion	*PD_TEL3_OUT*	%A854.0			
54	PU6_Actor_Interface_AddressIn	Motion	*PD_TEL105_IN*	%E880.0			
55	PU6_Actor_Interface_Address...	Motion	*PD_TEL105_O...	%A880.0			
56	PU6_Actor_Interface_TorqueDa...	Motion	*PD_TEL750_IN*	%E900.0			
57	PU6_Actor_Interface_TorqueDa...	Motion	*PD_TEL750_O...	%A900.0			
58	PU6_TM41_Actor_Interface_Ad...	Motion	*PD_TEL3_IN*	%E906.0			
59	PU6_TM41_Actor_Interface_Ad...	Motion	*PD_TEL3_OUT*	%A906.0			
60	PU7_Actor_Interface_AddressIn	Motion	*PD_TEL105_IN*	%E932.0			
61	PU7_Actor_Interface_Address...	Motion	*PD_TEL105_O...	%A932.0			
62	PU7_Actor_Interface_TorqueDa...	Motion	*PD_TEL750_IN*	%E952.0			
63	PU7_Actor_Interface_TorqueDa...	Motion	*PD_TEL750_O...	%A952.0			
64	PU7_TM41_Actor_Interface_Ad...	Motion	*PD_TEL3_IN*	%E958.0			
65	PU7_TM41_Actor_Interface_Ad...	Motion	*PD_TEL3_OUT*	%A958.0			
66	PU8_Actor_Interface_AddressIn	Motion	*PD_TEL105_IN*	%E984.0			
67	PU8_Actor_Interface_Address...	Motion	*PD_TEL105_O...	%A984.0			
68	PU8_Actor_Interface_TorqueDa...	Motion	*PD_TEL750_IN*	%E1004.0			



Software Development and Integration

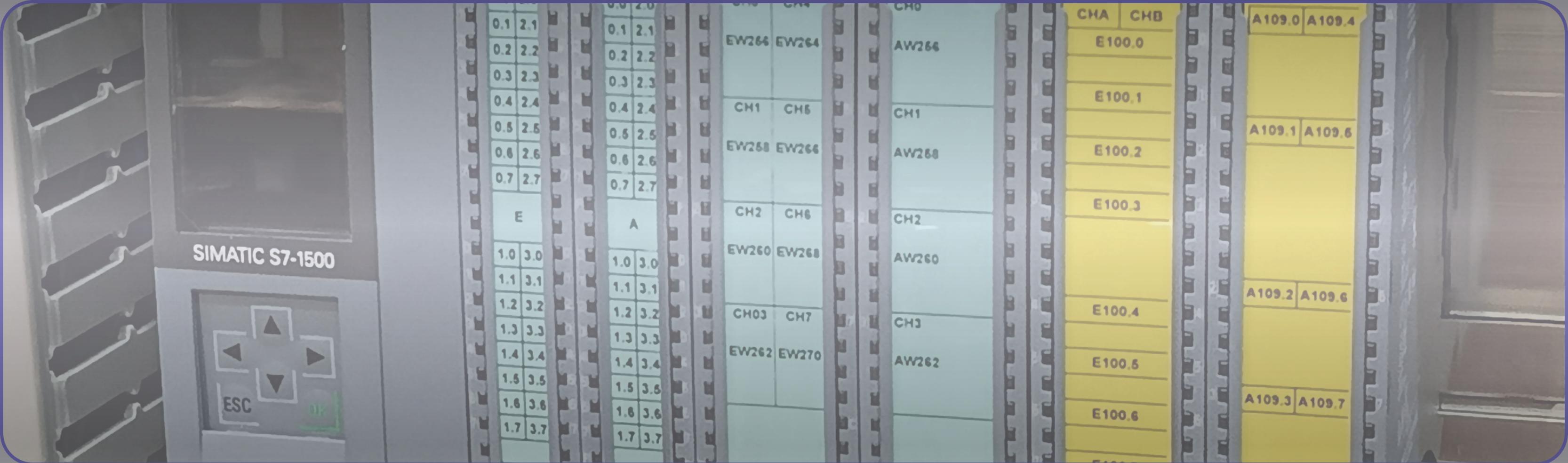
We develop the code that governs every movement, ensuring operational precision and fluidity.





Installation and Testing: We Are Always by Your Side.

We manage the assembly and final commissioning in-house, ensuring that every component and sequence functions perfectly.



- **Analysis and Strategy:** Feasibility study and hardware architecture dedicated to your production needs.
- **Electrical CAD Design:** We create detailed and precise electrical schematics, ensuring impeccable technical documentation for every system.
- **Advanced Software Development:** Programming in TIA Portal environment for SIMATIC S7 PLCs and Motion Control systems.
- **Construction and Cabling:** Professional assembly of electrical cabinets with high-end components.
- **Service and Commissioning:** Continuous technical assistance and staff training for full operational autonomy.