





SIEMENS Ingenuity for life

6

Digitalization changes everything

The next trillion dollars will be earned with data – for our customers and for our industries. Michael Dell, founder of Dell Inc.

Digital is the main reason just over half of the companies on the Fortune 500 have disappeared since the year 2000.

Pierre Nanterme, CEO Accentu









andout 3







andout 4







andout 5

























ndout 10











ndout 12















ndout 15









Indout 17





Siemens - C:\Users\Siemens\Documents\Automation\new_full\In	novationTourV1SVnnovationTourV15	_ # X
Project Edit View Intert Online Options Tools Window H	alp D [] 國 國 🖉 Go contine: 🌌 (B) [] [] 🗶 📃 📋 Search in projecto 🖌	Totally Integrated Automation PORTAL
Project tree 🛛 🕄 📢	InnovationTourV15 > Devices & networks	Hardware catalog 🛛 🗊 🕨
Devices	Topology view & Network view IN Device view	Ontions
InnovationTouck/15	LineManagem C MobilePanel ComfortPanel Scalance	✓ Catalog
Add new device	SIMATIC PC Stat	Search>
A Devices & networks	MainController	Filter Alb
MainController [CPU 1516F-3 PN/DP]	MainControl. • •	Controllers
ComfortPanel [TP700 Comfort]		HM HM
MobilePanel [KTP700F Mobile]		Drives & starters
Open Controller [CPU 15155P PC]		Network components
Scalance [SCALANCE W7741 RJ45]		Detecting & Monitoring
🔻 📊 Pick&Place 🛛 🗹 🔵		Distributed I/O
KinematicController [CPU 1515T-2 PN]	Kinematicfont F2005P Similation	Power supply & distribution
Simulation [CPU 1515-2 PN]	CPU 1515T-2 PN IM 155-6 PN HF CPU 1515-2 PN	Field devices
General (SINAMICS S210 PN VS.1)	KinematicContr	Te
Cal Drive 3 [SINAMICS 5210 PN V5.1]		sks
Drive4 [SINAMICS \$210 PN V5.1]		
• 🍓 ET200SP [IM 155-6 PN HF]		U U
Generation of the second		libr
Security settings Common data		arie
Documentation settings		
Languages & resources	Drive1 Drive2 Drive3 Drive4	
Jui Online access	STRAMICS S210 STRAMICS S210 STRAMICS S210	
Card Reader/USB memory	Ainematiccontr. Ainematiccontr.	
✓ Details view		1
Module	Sproperous Sumo W Sulagnostics	
	Unerai U Coss-references Compile Energy Suite Generate	
Name	Show all messages	
Device configuration	Compiling finished (errors: 0; warnings: 8)	
Contram blocks	1 Path Description Go to ? Errors Warnings Time Description And the State of the St	
Technology objects	Compare any datagender do commenderations Commenderation Number of taxs signed Number of taxs signed Signed and	
Energy objects	Number of PowerTags used: 46 3:14:56 PM	
Bxternal source files	🚺 Software compilation completed (device version: 14.0.1.0). 👗 S:14:56 PM	
PLC tags	Compiling finished (errors: 0; warnings: 8) 5:14:56 PM	> Information
Portal view Dverview	📷 🛹 PathOata (200	1821]: The values were 🛛 🛄 🖉
	n 🔿 📩 💭 🕅 🕅 🕅 🕅 🖬 🕅 🖬 👘 🕺	17:58
C Zur Soche rext mer eingeben U	R ^a in the state of the state	17/04/2018









Summary of digital workflow – Virtual commissioning

1 | High quality

 \ldots by optimizing the control project and machine functionality in a virtual environment

2 | Speed

... due to shorter commissioning times in the plant and parallel implementation of mechanical and automation engineering

3 | Minimize costs and risks

 \ldots through lower commissioning costs and fewer fault conditions in the actual plant

4 | Utmost flexibility

... by way of a »laboratory« for the development of alternative control concepts and the evaluation of changes to the machine during ongoing operation

Unrestricted © Siemens AG 2018







SIEMENS

TIA Portal Innovation Tour