SIMATIC ET 200

I/O Systems with consistent data handling

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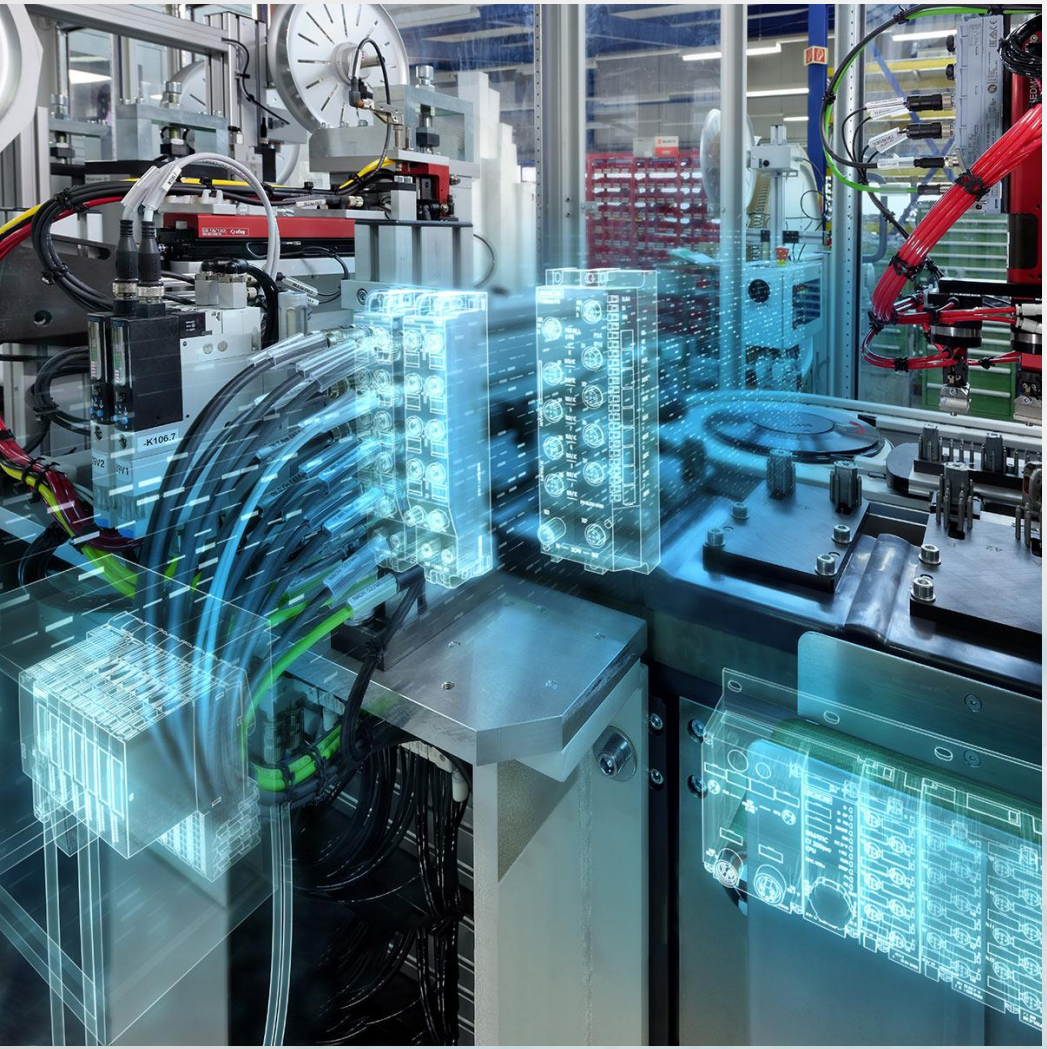
Consistent data handling from planning to operation



I/O Systems **SIMATIC ET 200** with **consistent data handling**

from **planning** …

a tool landscape matched to the workflow saves time and costs

…to **operation**

respond more easily and quickly to challenges today and in the future

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SIMATIC ET 200 Tool landscape

Consistent data handling throughout your entire workflow

TIA Selection Tool
Planning & Configuration

- Import and export of hardware configuration
- Smart selection for error-free configuration and ordering

siemens.com/tst

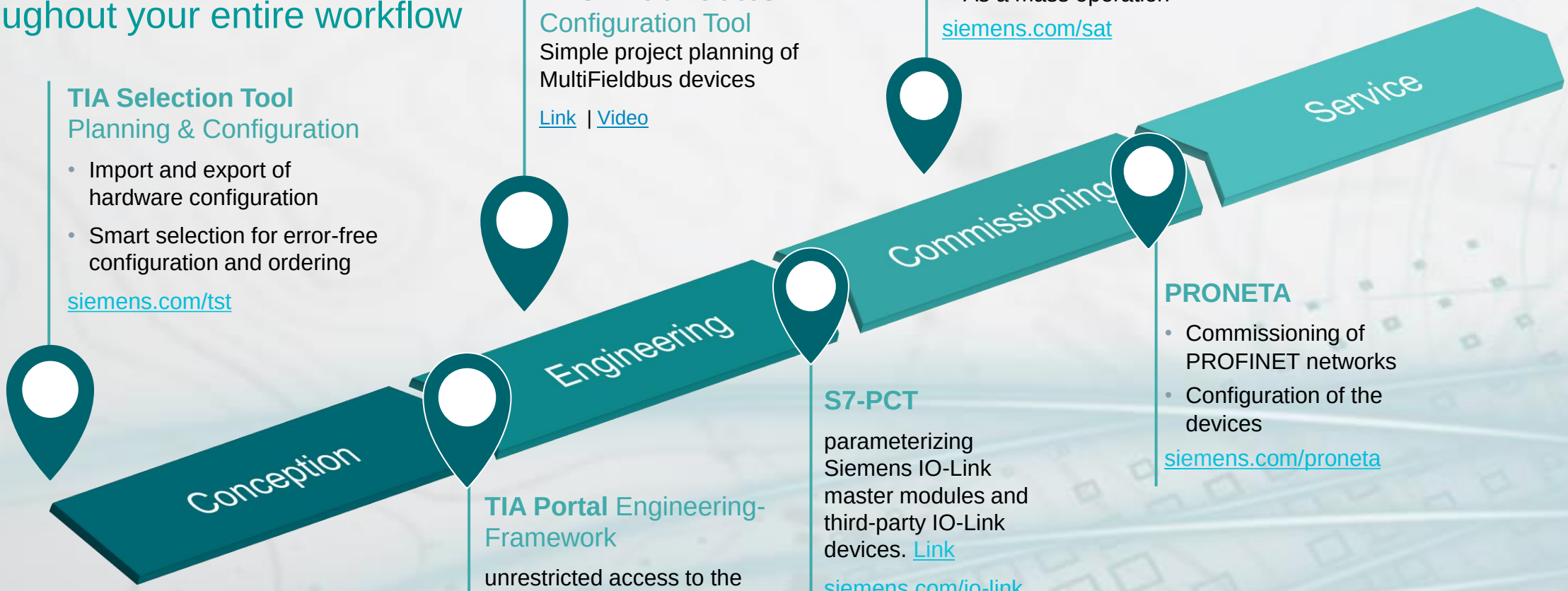
MFCT MultiFieldbus Configuration Tool
Simple project planning of MultiFieldbus devices

Link | Video

SIMATIC Automation Tool

- Commissioning, maintenance, service, e.g. for simple system updates
- As a mass operation

siemens.com/sat



TIA Portal Engineering-Framework

unrestricted access to the complete range of digitalized automation services

siemens.com/tiaportal

S7-PCT

parameterizing Siemens IO-Link master modules and third-party IO-Link devices. Link

siemens.com/io-link

PRONETA

- Commissioning of PROFINET networks
- Configuration of the devices

siemens.com/proneta

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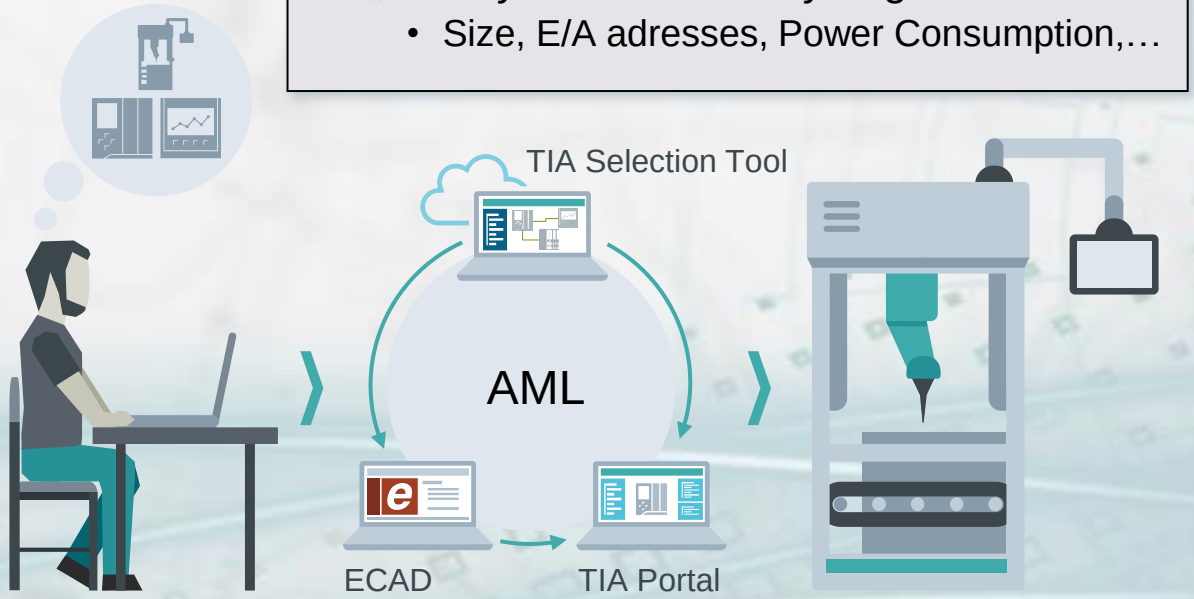
Perfect data handling with SIMATIC ET 200 in the TIA Selection Tool

Seamless transfer of planning and engineering data

- Automation configuration in the TIA Selection Tool
- Transfer of the automation configuration for the engineering in the TIA Portal via the Automation Markup Language (AML) file
- Transfer of planning data for electrical planning to ECAD systems via standardized AML file

Added value for SIMATIC ET 200:

- ✓ No initial manual reading required
- ✓ „What you see is what you get“
  - Size, E/A adresses, Power Consumption,…



- Time and cost savings through correct configuration of the entire automation portfolio
- Quality improvement by avoiding redundant planning steps and errors through automatic data transfer
- Standard AML interface for full flexibility

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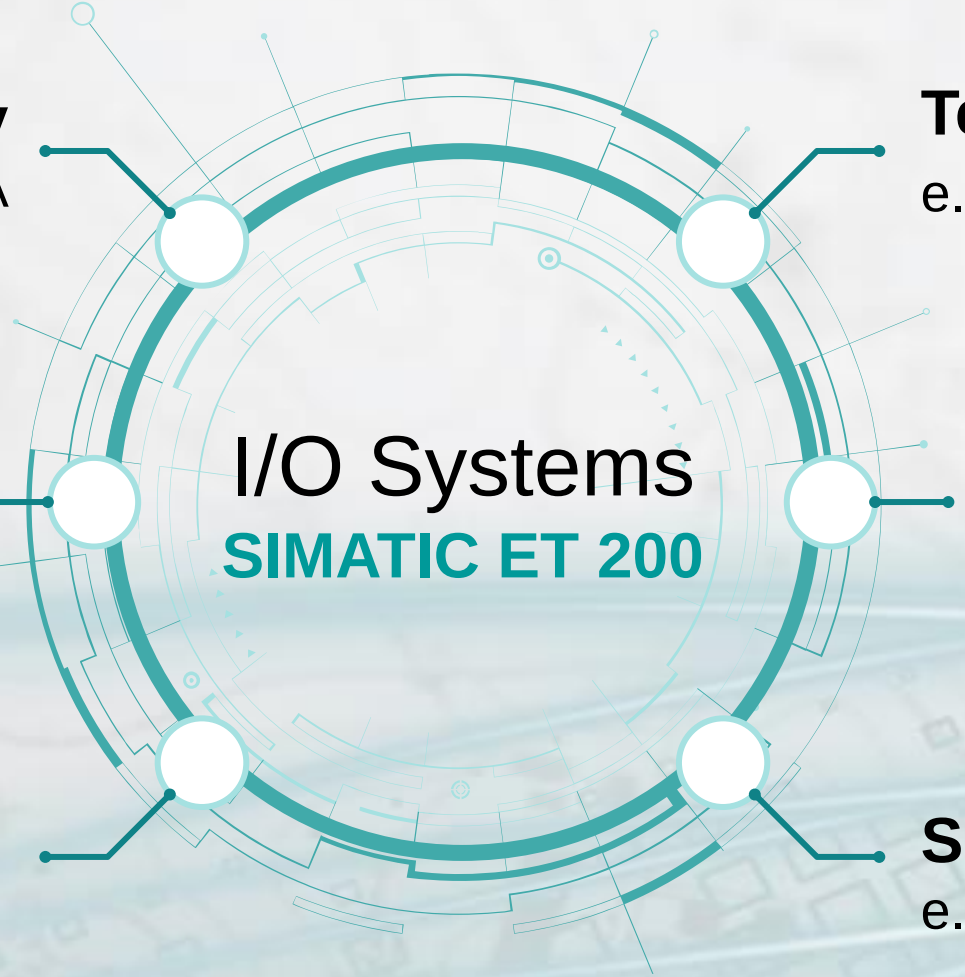
I/O Systems as data hub for operating data

OT/IT Connectivity
e.g. PROFINET, OPC UA

Inside and outside
from IP20 to IP65/67

Communication Modules
e.g. IO-Link, DALI, CAN



Technology Modules
e.g. AI, Drives, Counting

Multifieldbus Interface Modules
Ethernet IP, Modbus TCP

Safety Integrated
e.g. F-DI/DQ, F-AI/AQ

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