

# Introduction to TwinCAT PLC

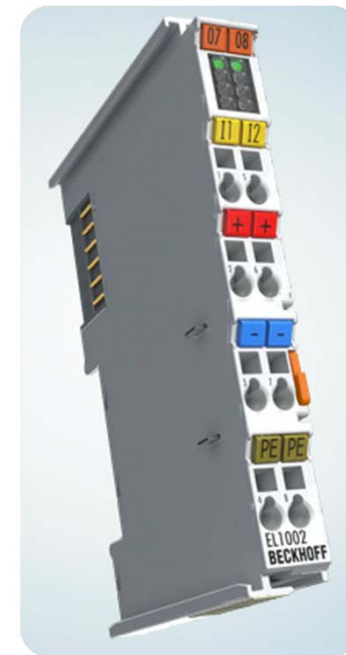
# Applications

- Home Automation
- Drives
- Elevators
- ...

# Hardware



Embedded Computer



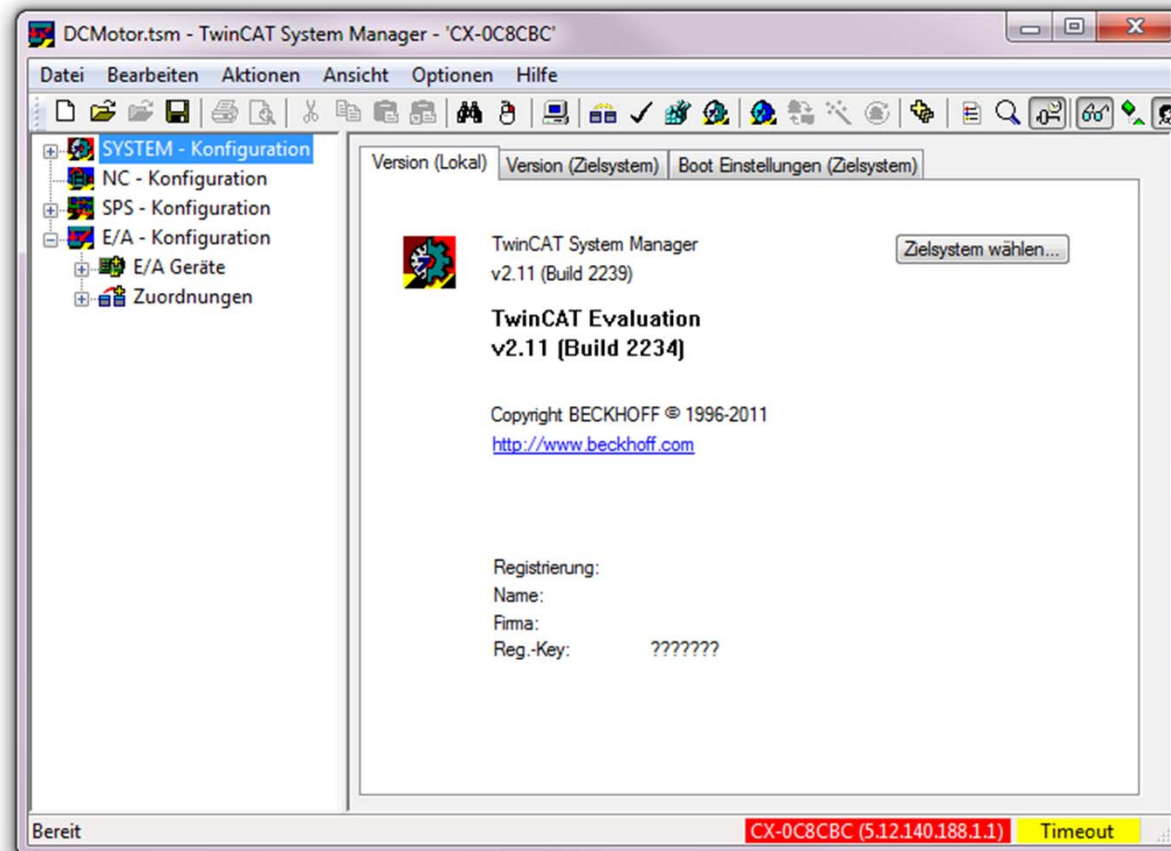
I/O Terminal

# TwinCAT

- Development Tools:
  - System Manager (Configuration)
  - PLC Control (Programming)
  - Scope (Measuring)
- Programming Language: Structured Text

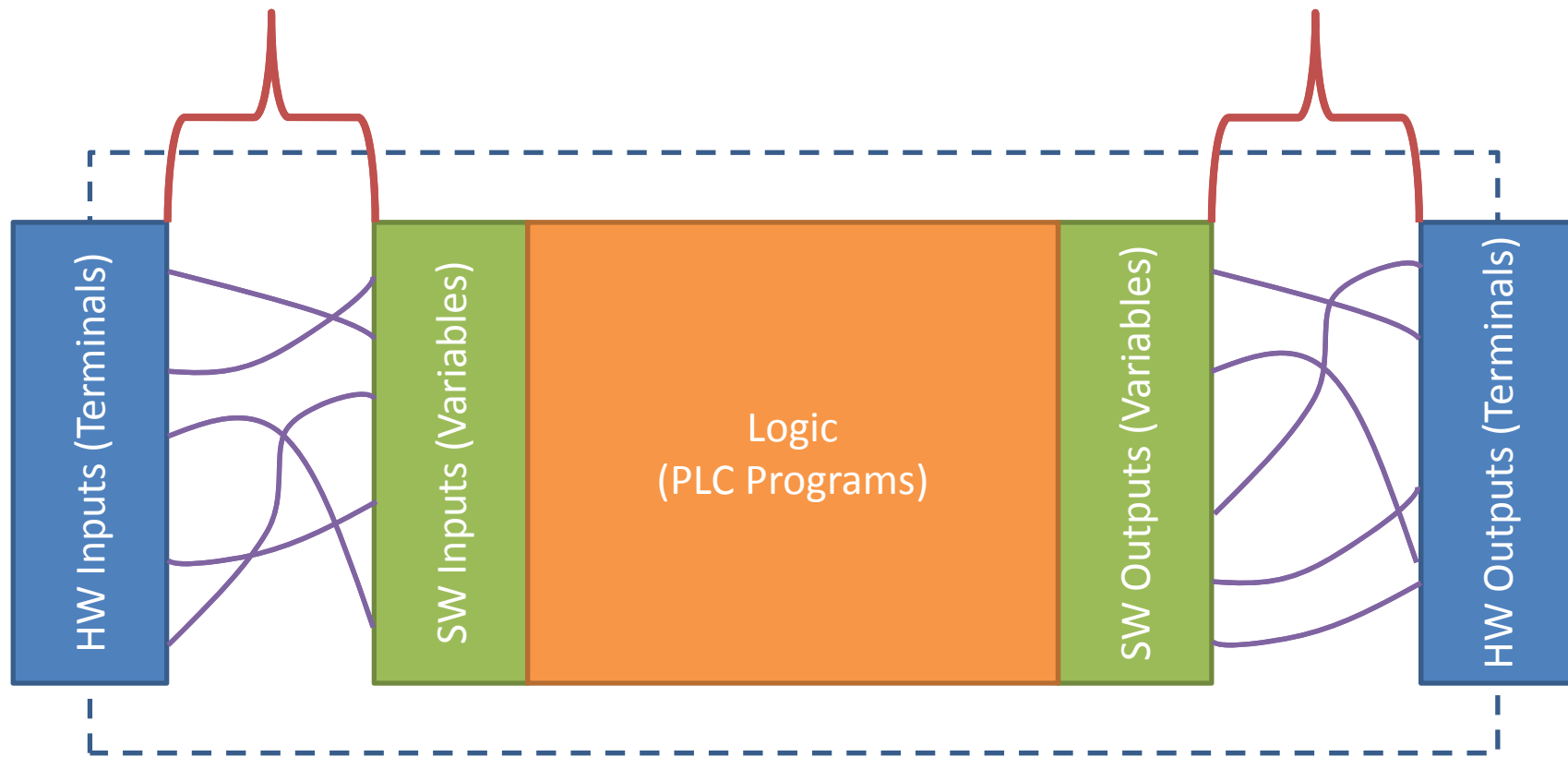
# TwinCAT – System Manager

Used to configure system, connect HW terminals to SW variables



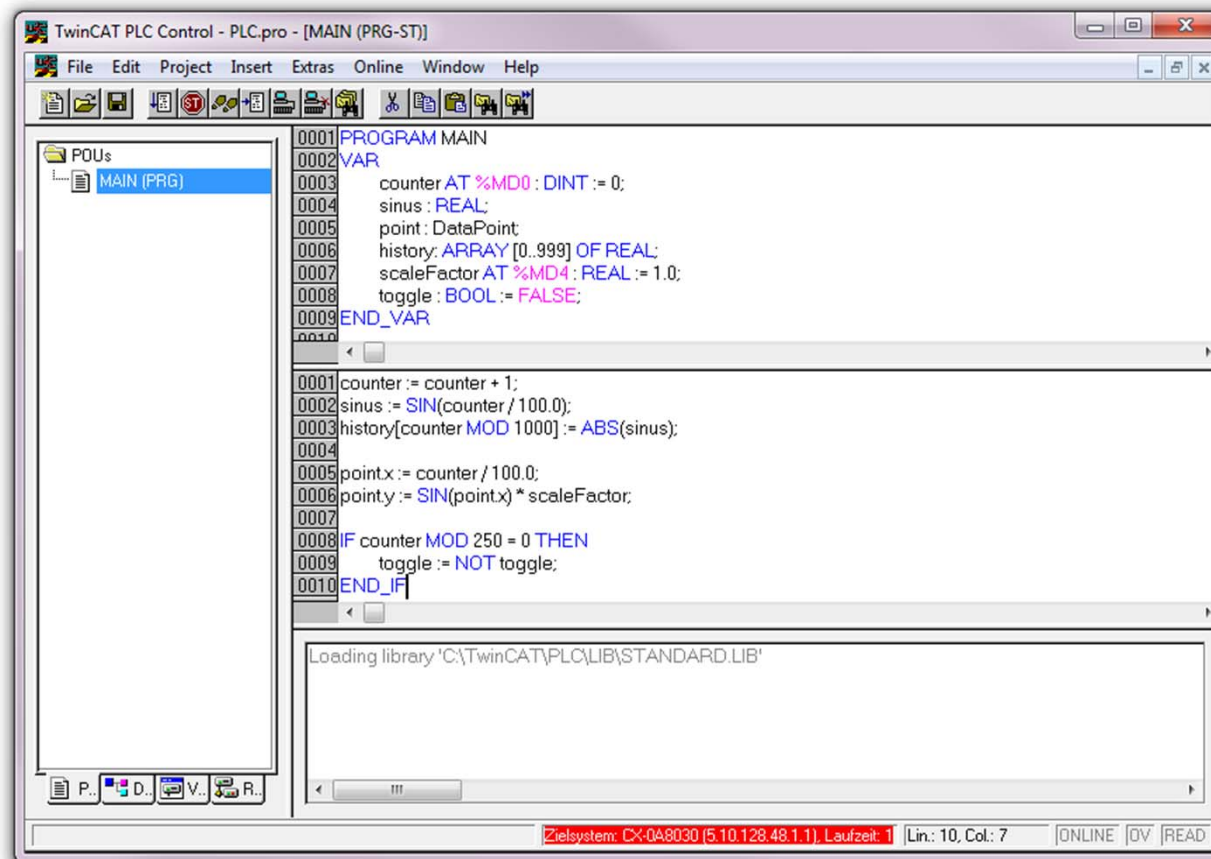
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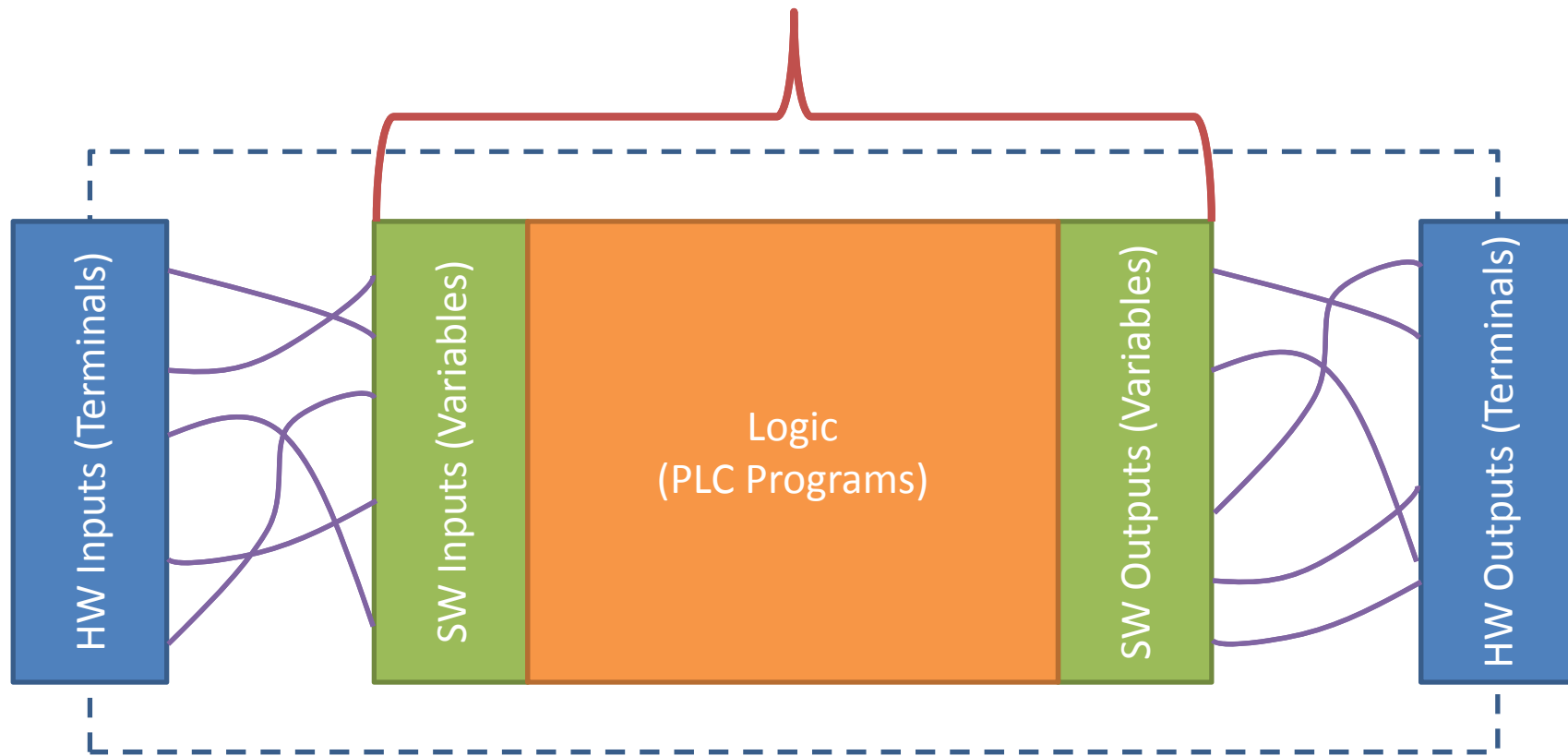
# TwinCAT – PLC Control

Used to program logic



# TwinCAT – PLC Control

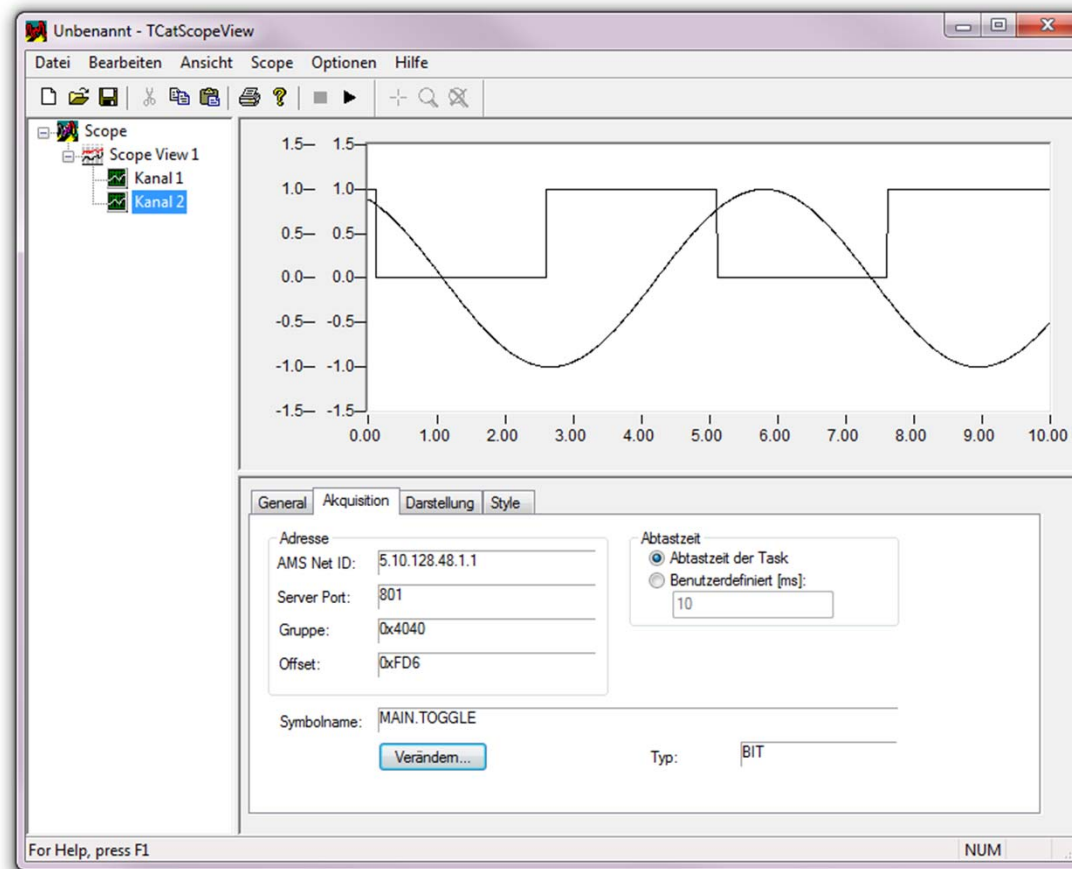
Used to program logic





# TwinCAT – Scope

Used to measure values of SW variables over time



# TwinCAT – Scope

Used to measure values of SW variables over time

