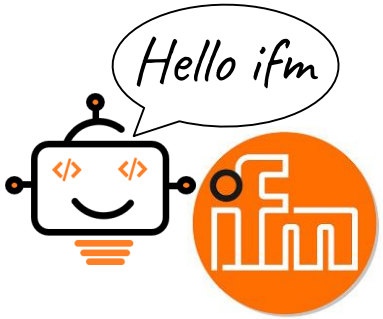
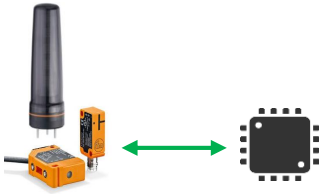


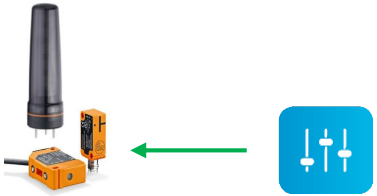
IO-Link

What is IO-Link?

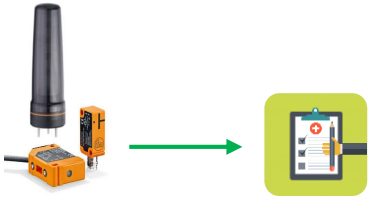
IO-Link is the first standardised IO technology worldwide **(IEC 61131-9)** for the communication with sensors and actuators.



Point-to-point communication link

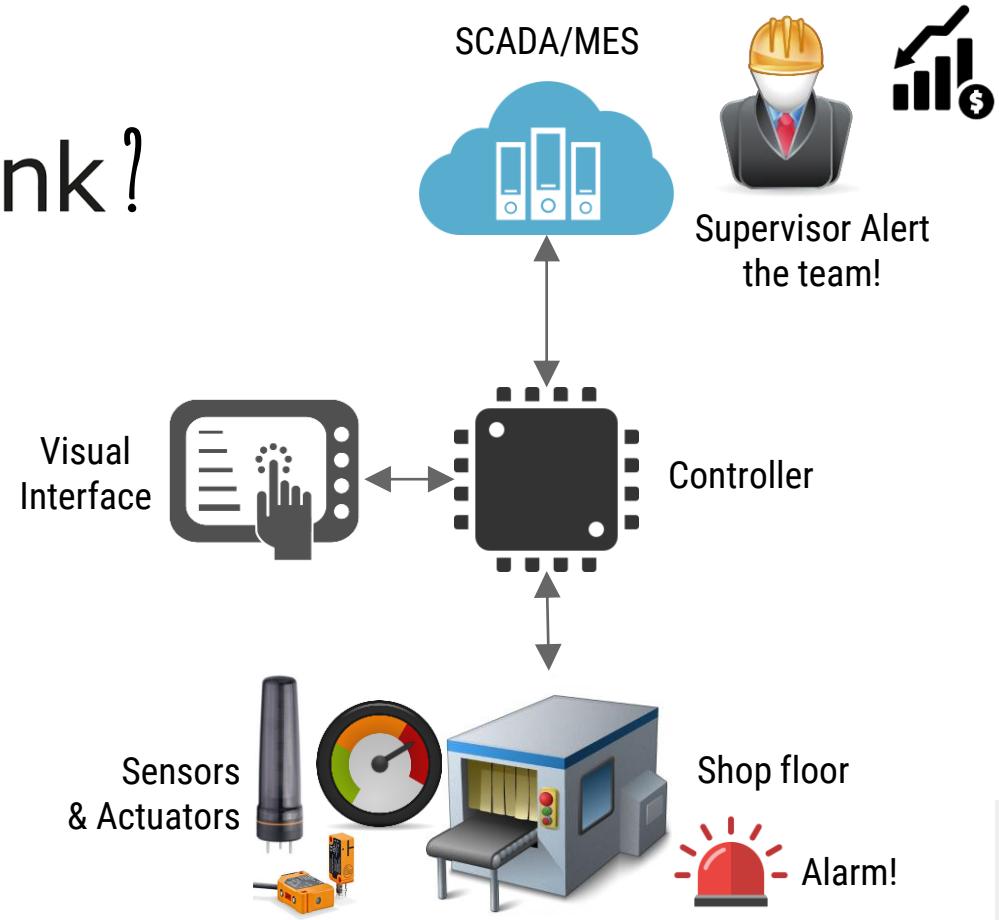


Transfer of parameters via PROFINET while the sensor/actuator is operational

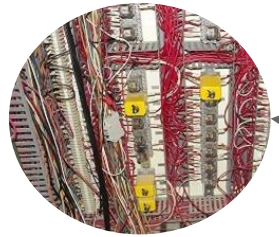


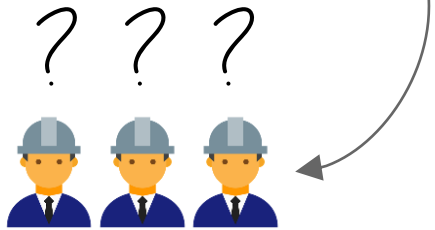
Access Diagnostic information in real time

Without IO-Link ?



Large Breakdown in troubleshooting

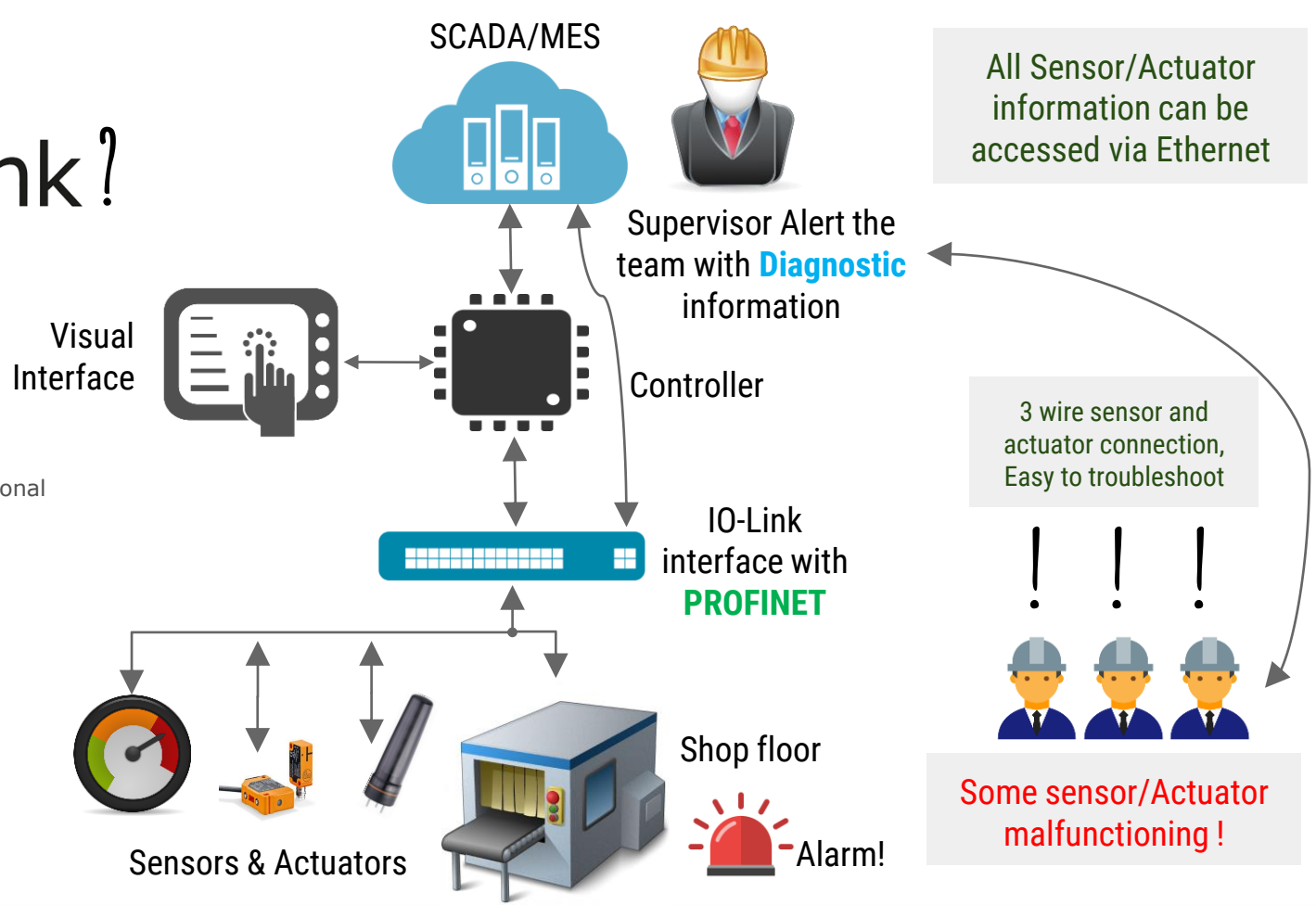




Some sensor/Actuator malfunctioning !

With IO-Link ?

- Point-to-point communication link
- Access Diagnostic information in real time
- Transfer of parameters via PROFINET while the sensor/actuator is operational



More benefits

IO-Link

Flexible wiring

Easy and Compatible with M5, M8 and M12 connectors

Fast Data processing

It is capable of processing binary switching signals and analogue values (e.g. 8 bits, 12 bits, 16 bits) The transmission between IO-Link master and device takes 400 µs at a speed of 230 kBaud.

Easy Parametrization

The parameter can be directly set via the controller. No need to set the sensor once installed on the machine/assembly line

Read more information at http://www.io-link.com

IO-Link System

Starter kit IO-Link master

This kit includes:

- 4-port IO-Link master with PROFINET interface
- 230V/24V plug-in power supply
- LR DEVICE (USB stick) IO-Link parameter setting software
- Photoelectric IO-Link distance sensor
- Ethernet cable M12/RJ45, 0.5 m
- Sensor cable M12/M12, 0.6 m

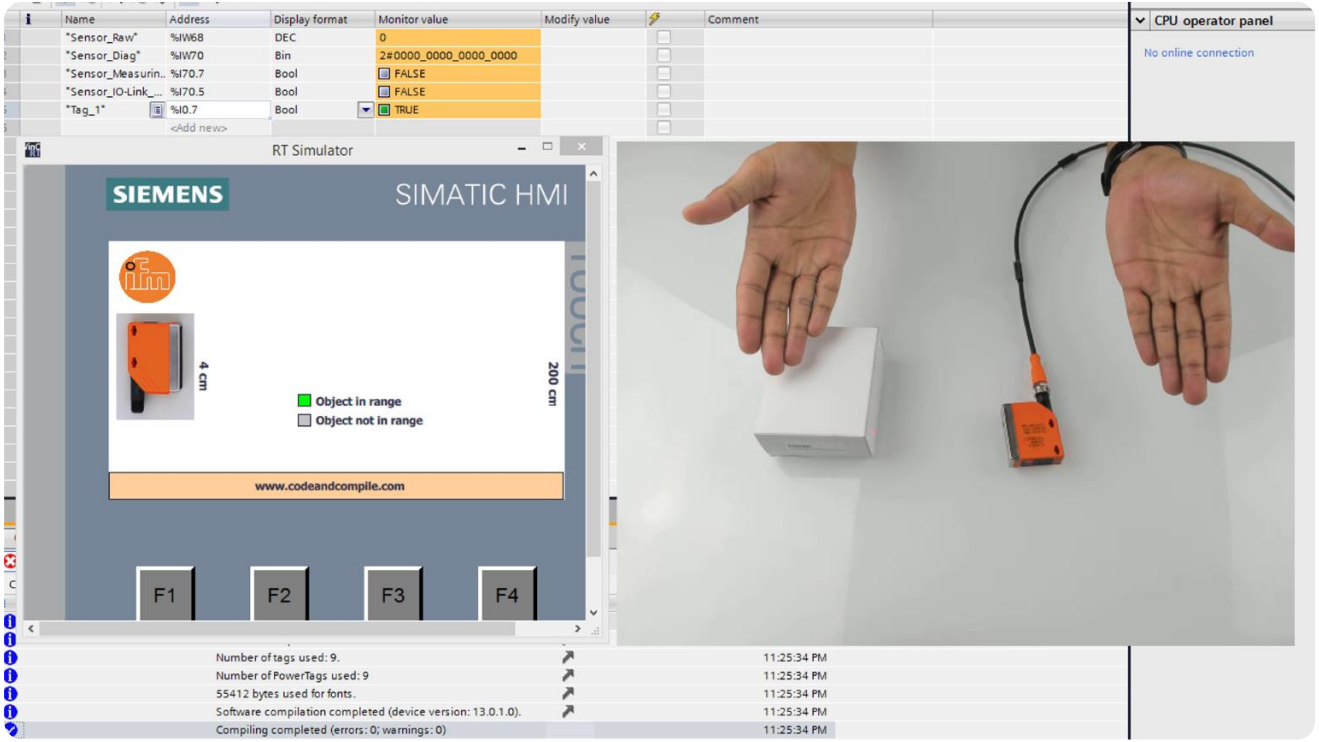
In this video we will see:

- What does the Starter Kit includes?
- How to link the various components in Starter Kit?
- Reading sensor value with and without IO-Link.

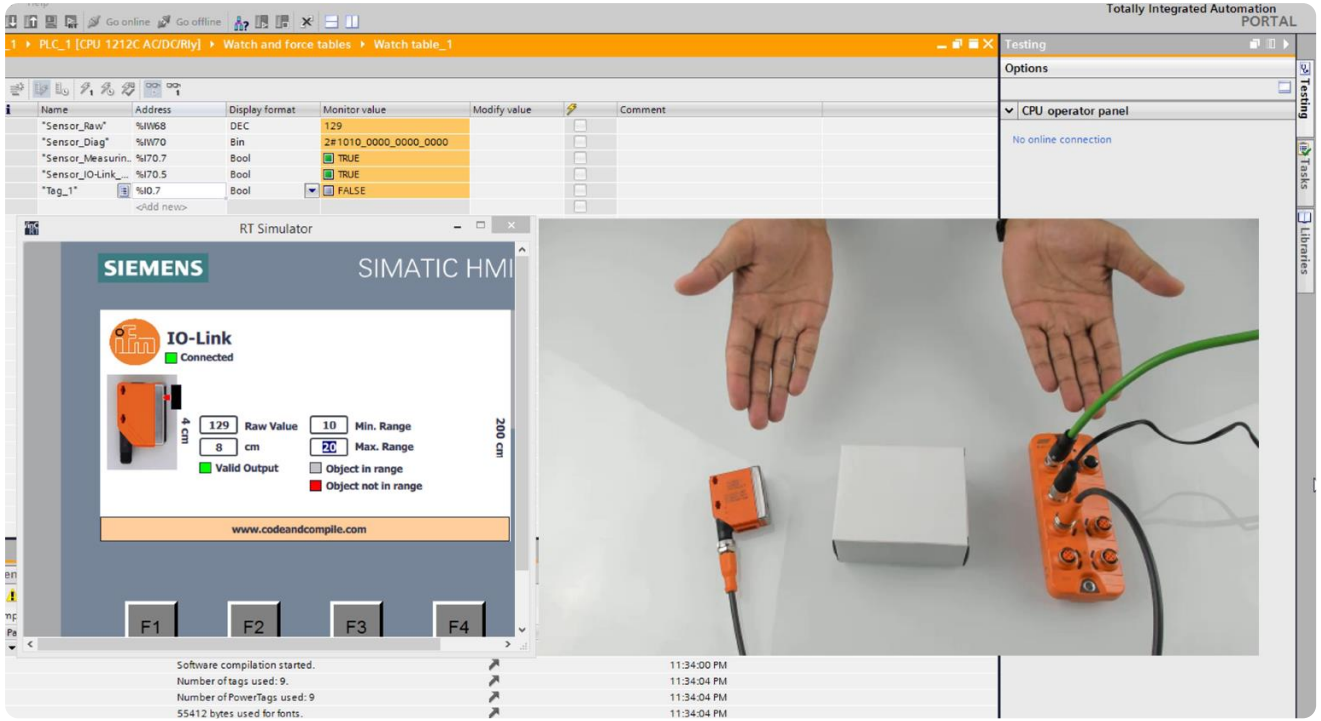
Starter kit IO-Link master

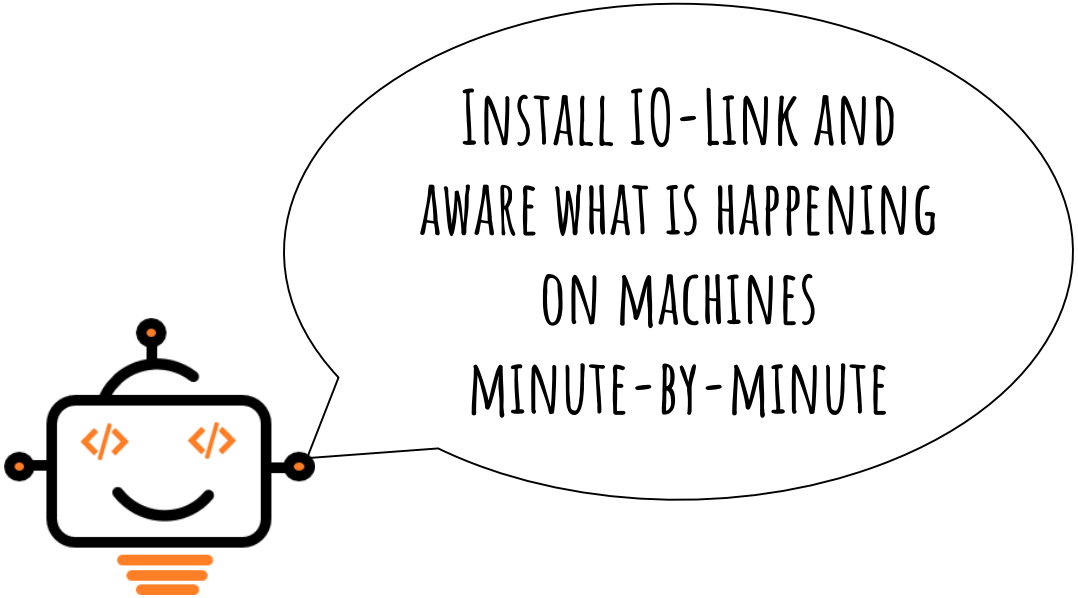
Connecting Starter kit IO-Link master

Sensor without IO-Link master



Sensor with Starter kit IO-Link master





To buy your own Starter Kit IO-Link master at reduced price visit

https://www.ifm.com/de/en/shared/product-news/2017/sps/starter-kit-io-link-master

Link also given in the video description

Starter kit IO-Link master

In the next video you will see:

How easy is to link Starter kit IO-Link master with Siemens S7-1200 PLC?