

# TULIP for vocational training in Production Management & Maintenance

## Tulip references for professional training

### UC50 : Tulip "MES", Digitalization of procedures, Machine monitoring, Communication with ERP, Key production indicators

- Application for digitizing work procedures with creation and monitoring of real-time production indicators
- Application for monitoring data from PLCs for machines in production (a "light" supervision application)
- Creation and follow-up of production orders.
- Real-time calculation of production indicators such as TRS, MTBF, etc.
- Creation of dashboards to monitor production rates and display key production indicators for the production manager.
- A PC with a Kepware communication server (with 1-year maintenance contract)
- Tulip Pro software (3-year license included)
- A one-and-a-half-day training course on site or remotely

### UC51: Digitization of procedures, key performance indicators production

- Application for digitizing work procedures
- Creation and monitoring of real-time production indicators in using data from machine controllers
- Application for creating production orders
- A Windows go touchscreen tablet
- Kepware demo version limited to 2h continuous use. PC for Kepware server hosting not included
- Tulip Pro software (3-year license included)
- One-day on-site or remote training

### UC52: Digitizing procedures

- Application for digitizing work procedures
- Application for creating production orders
- Production monitoring based on forms created in Tulip (machine stoppages, non-conforming parts)
- A Windows go touchscreen tablet
- Tulip Standard software (3-year license included)
- Half-day training on site or remotely

### UC53: Tulip IoT Connected Assembly, Quality Control and Sampling Workstation

- Aluminium profile frame on castors with ergonomic workstation
- Touch screen with integrated PC
- Tulip I/O Gateway
- Tulip Light Kit (For Pick-to-Light)
- IIoT tools (barcode scanner, foot pedal, Andon beacon, temperature and humidity sensors, beam break sensor)
- USB electronic scale
- USB electronic caliper
- Tulip Pro software (3-year license included)
- Tulip quality control application model

