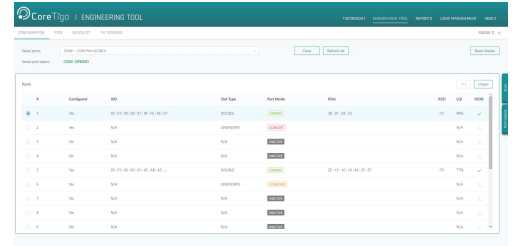


PRODUCT OVERVIEW

TigoEngine is a software-based engineering tool for efficient setup of IO-Link Wireless Masters and Devices. It enables installation, configuration and monitoring of an IO-Link Wireless system.

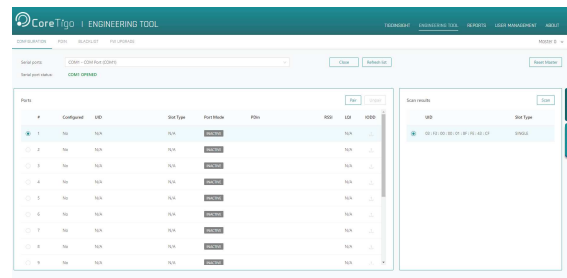
Online and offline setup of IO-Link Wireless components is possible, with a variety of options to connect to IO-Link Wireless Masters. With an intuitive user interface, TigoEngine simplifies the deployment and maintenance of an IO-Link Wireless system.



Key Functionalities

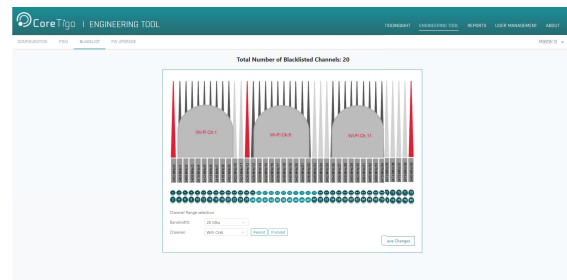
IO-Link Wireless Configuration

- IO-Link Wireless Masters communication setup
- Scan for available IO-Link Wireless Devices within range of an IO-Link Wireless Master
- Pair and connect IO-Link Wireless Devices to the relevant IO-Link Wireless Masters
- IO-Link Wireless Device parameters configuration based on IODD
- Wireless channels Blacklist configuration per Master
- Loading parameters from an IO-Link sensor
- Bulk configuration of devices via uploaded files



Performance Monitoring

- Packet Error Rate (PER) real-time display - enables analysis of latency and network interferences
- Link Quality Indication (LQI)
- Received Signal Strengths Indication (RSSI)

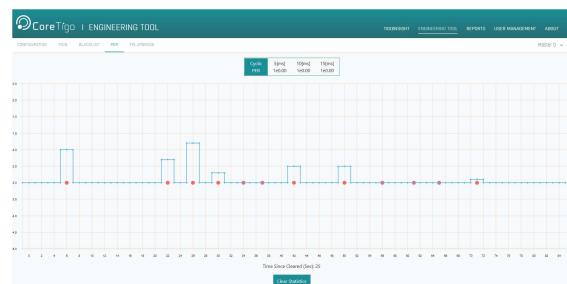


Additional Functionalities

- Over-the-air software upgrade of IO-Link Wireless Devices
- On demand (OD) operations, both read and write, to any port
- Transmit Process Data (PD) out to any of the connected devices
- Log files and notifications

System Requirements

- OS - Windows or Linux based
- DB - PostgreSQL
- CPU, Memory - based on number of devices and transactions



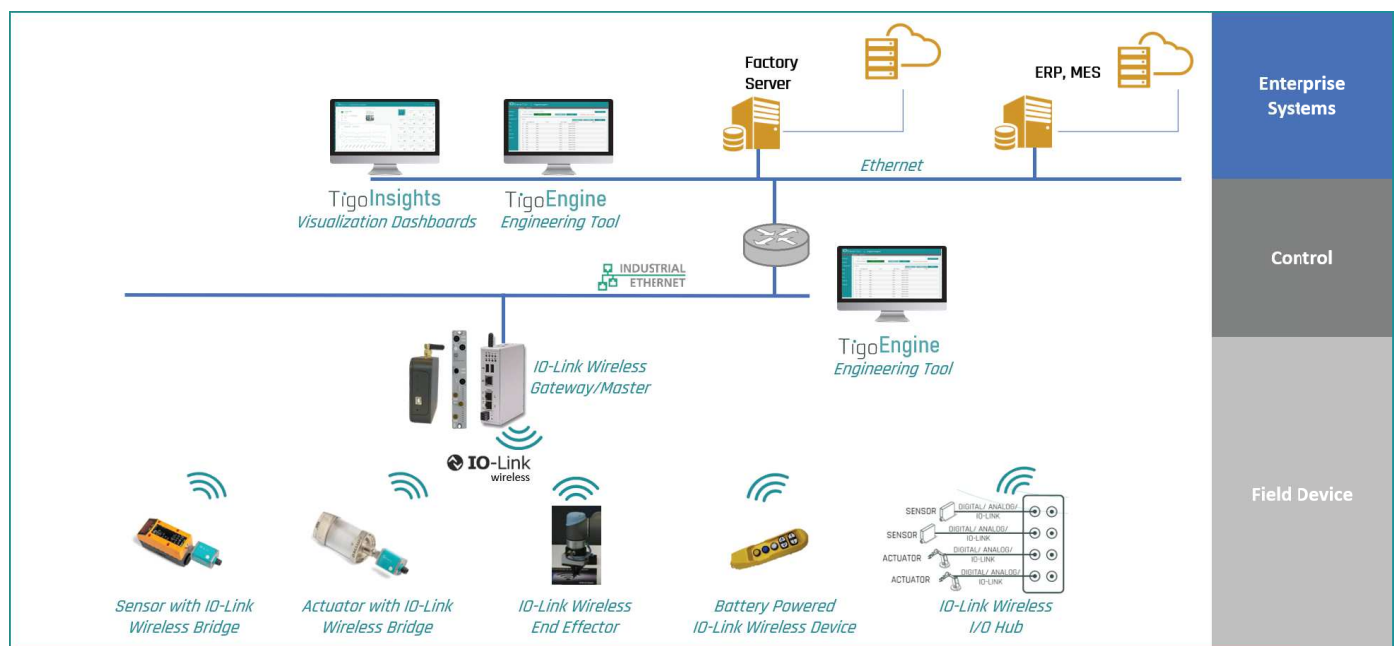
IO-Link Wireless Masters Support

TigoEngine supports the setup and configuration of a variety of IO-Link Wireless Masters:

- TigoMaster 2TS- standalone IO-Link Wireless Master with USB interface
- TigoGateway- IO-Link Wireless industrial-grade gateway for cloud, Internet of Things and Industry 4.0 applications. Includes IOT Gateway platform and IO-Link Wireless Master
- TigoMaster 2TH- 2-Track IO-Link Wireless Master IP67 Platform with fieldbus and industrial ethernet interface options
- TigoMaster Starter- IO-Link Wireless Master Evaluation Board with USB interface

IO-Link Wireless Devices Support

- Supports any IO-Link Wireless sensor or actuator
- Supports IO-Link, Digital and Analog sensors and actuators via an IO-Link Wireless Bridge/Hub device



IO-Link Wireless Topology