

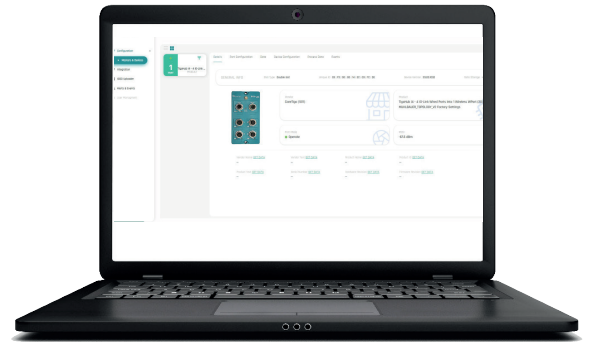
DATA SHEET

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.

With an intuitive user interface, TigoEngine simplifies the deployment and maintenance of an IO-Link Wireless system.

TigoEngine also enables the aggregation and communication of data from wireless devices to other enterprise and cloud-based applications.

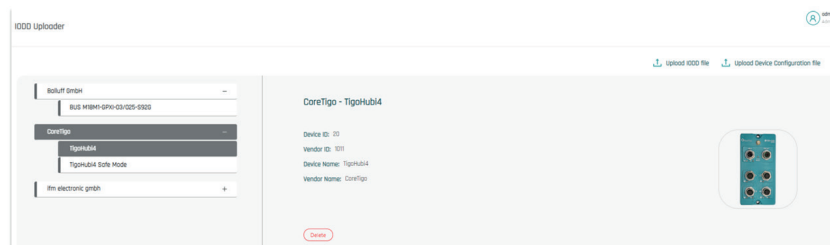
TigoENGINE - CT-ENG-2000-ET



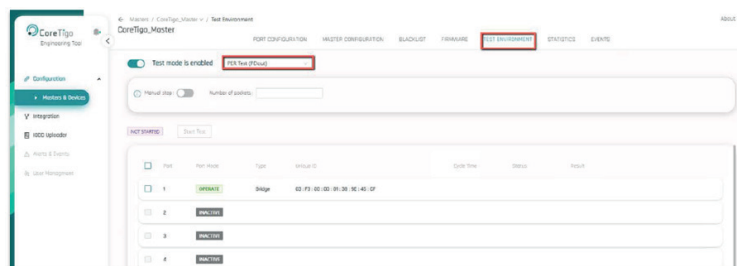
Key Functionalities

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
- IODD Finder and Parsing Tool that enables simple configuration of IO-Link Devices
- Wireless channels Blocklist configuration per Master
- Loading parameters from an IO-Link sensor



IODD Finder & Parsing Tool



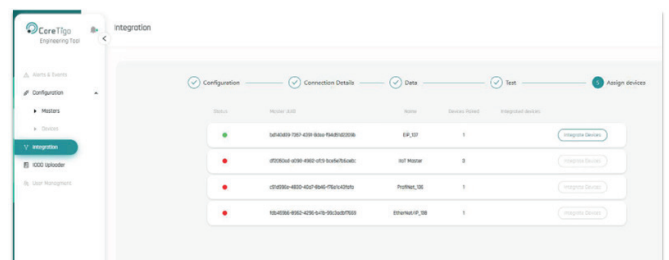
IO-Link Wireless Performance Testing

Performance Monitoring

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

Additional Functionalities

- Over-the-air software upgrade of IO-Link Wireless Devices
- User Management capabilities
- On demand (OD) operations, both read and write, to any port
- Transmit Process Data (PD) out to any of the connected devices
- Expose Process Data securely to 3rd party applications via MQTT Publisher
- Alerts & Events View
- Easy system backup, restore, and duplication



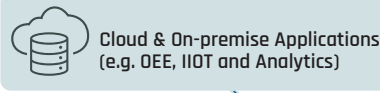
MQTT Publisher

System Requirements

- OS - Windows and Linux (docker enabled)
- DB - PostgreSQL (included by default as part of the TigoEngine Installer)
- CPU, Memory - based on number of devices and transactions

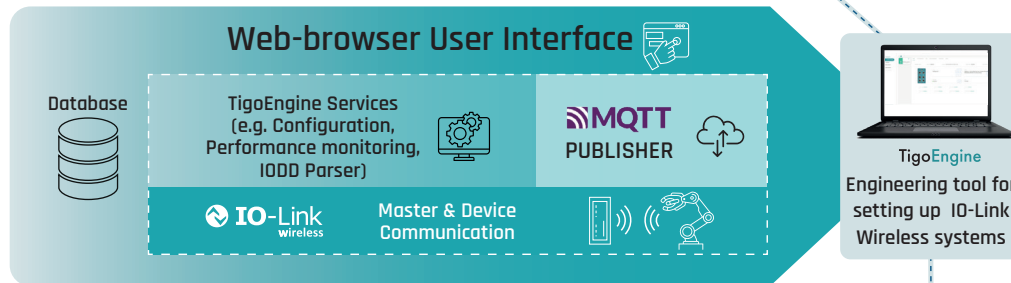
TigoEngine Network Topology

Applications

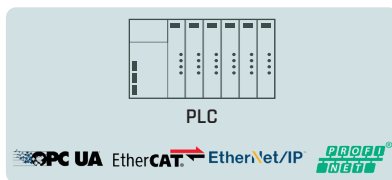


MQTT

Software



Control and Monitoring



Sensors and Actuators



Follow CoreTigo on LinkedIn
[linkedin.com/company/CoreTigo](https://www.linkedin.com/company/CoreTigo)

For further support, please contact us at: support@coretigo.com | support.coretigo.com | +972-747-69-10-20