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Expertise
Passion
Automation



WEB



AIT-400

Create | Train | Apply
Artificial Intelligence



WEB



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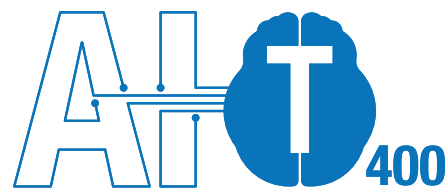
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EN

AIT-400

Artificial Intelligence Industrial Trainer

The AIT-400 is an integral industrial automation training system for teaching AI with real world manufacturing applications. Powered by industry-leading manufacturing hardware, the AIT-400 provides learners with hands-on access to AI technologies through the lens of industrial automation applications.



Main benefits: Learn about...

- AI operation and development in industrial scenarios.
- How to create, train and deploy AI in maintenance, quality control and movement optimization applications.

* The content of this document may change without prior notification



Why is Artificial Intelligence important for industry?

Artificial Intelligence is reshaping the future of manufacturing.

From predictive maintenance to intelligent automation, AI is transforming industrial operations—driving efficiency, contributing to problem-solving and enabling new levels of productivity.

Key features in AIT-400

- Software package for applying, creating and training different AI models.
- Different machine learning and deep learning models available
- Real industrial applications using real industrial components.
- User-Friendly web based Interface
- Large touchscreen
- Powerful dedicated AI processor

• CREATE

Use pre-existing AI models or develop your own.

• TRAIN

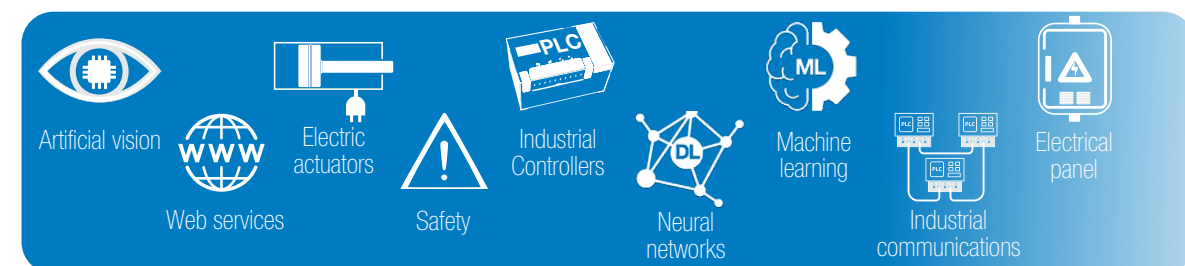
Fit the model with data from previous operations to improve AI performance.

• APPLY

Deploy the trained AI models to solve the industrial problems, testing the model accuracy and generating more data.



Some of the technologies used...



Core applications and functions

- Artificial vision - Identify objects.
- Movement optimization - Predict the acceleration of an electric actuator.
- Outcome forecast - Score the success probability in a process.
- Predictive maintenance - Anomaly detection in the system performance.
- Quality control validation - Classify between valid/faulty objects.