AIT-400

Create | Train | Apply
Artificial Intelligence

SMC
INTERNATIONAL TRAINING

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INTERNATIONAL TRAINING

**Expertise
Passion
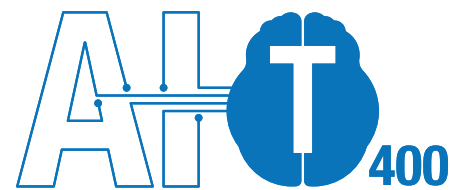Automation**

WEB

WEB

www.smctraining.com

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-4oo 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.

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

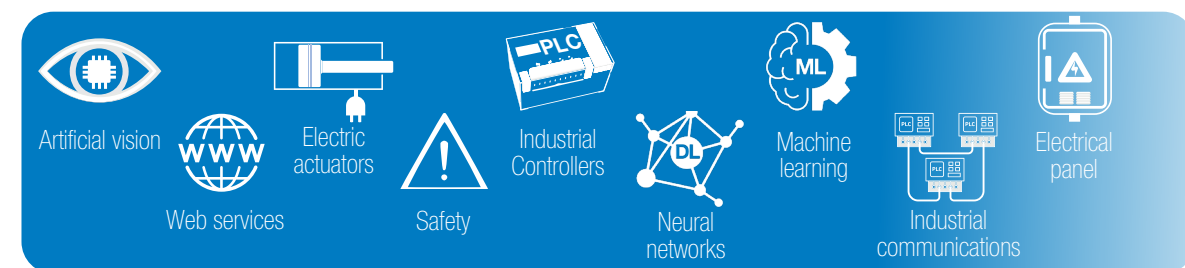Use pre-existing AI models or develop your own.

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...

Artificial vision — Web services — Electric actuators — Safety — PLC Industrial Controllers — DL Neural networks — ML Machine learning — Industrial communications — Electrical panel

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.