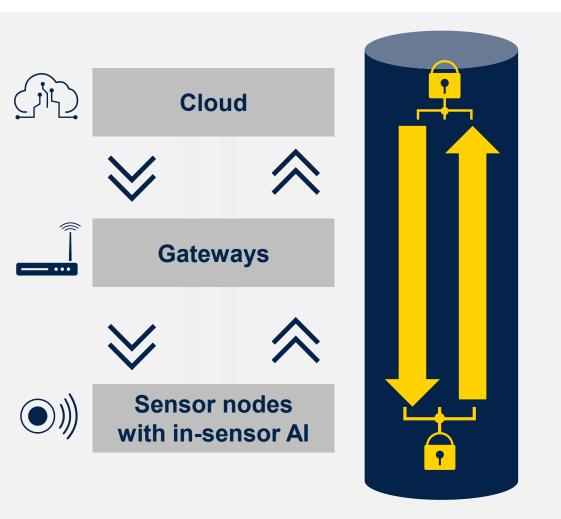




Simplifying edge Al deployment in sensor-to-cloud solutions

Discover the ST AloT Craft online tool

Streamline in-sensor AI programming in IoT nodes



Create your full node-to-cloud solutions with ST AloT Craft



A secure, user-friendly online platform for in-sensor Al* programming

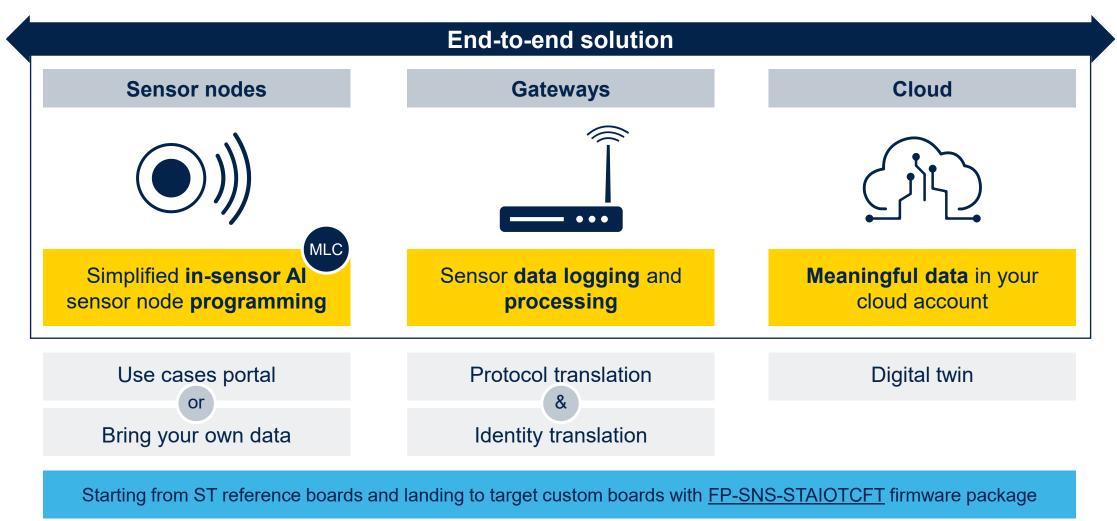
One tool offering multiple functionalities for developing Al-enabled IoT projects

Providing examples for reuse and/or customization

Simplifying collaboration between Al specialists and software engineers



ST AloT Craft is a cloud-based tool for Al specialists and software development engineers





ST AloT Craft: the easy experience in 3 steps



1. Create dataset

Connect your board, log your dataset and push it on cloud.

On cloud no code training







Collect data with your board dataset

Upload Prepare the collected dataset for dataset on cloud training step

Dataset examples or

Bring your own data

2. Train ML model

Train ML decision tree on collected dataset in the cloud.

On cloud no code training



Check out in

cloud dataset





Configure and start in cloud training

Trained ML model stored in cloud



Model from scratch

3. Deploy IoT system

Setup your cloud connected IoT system and monitor model inference result.

End-to-end solution Sensor nodes Gateways Cloud Meaningful data Simplified Sensor data in-sensor Al logging and in your cloud programming processing account Use cases portal Protocol translation Digital twin & or Bring your own data Identity translation



Test, validate, and develop your IoT application leveraging in-sensor Al



Accelerate

- Discover ready-to-use application examples with Flash&run and AutoML for in-sensor Al programming (machine learning core technology)
- Quickly create decision tree algorithms on the IoT node for expert machine learning engineers to support use case clarification
- Build datasets among users for a robust Al algorithm
- Save time and easily access the online tool as it requires no installation



Scale up

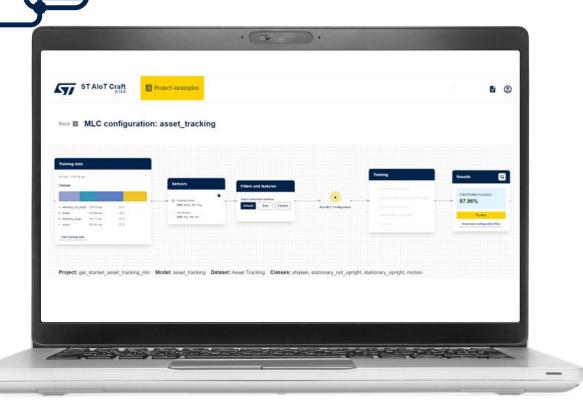
- Develop your Al application and provision your IoT node with a single tool. Save time with seamless installation and configuration.
- Adapt or reuse existing case studies to fit application needs.
- IoT system flexibility: connectivity extension with Bluetooth Low Energy and firmware package for custom boards
- Share your models and datasets across projects for multiple users



Advanced security features based on the latest security mechanisms, including encryption, identity and access management, and threat detection.



The key ingredients for IoT project development with ST AloT Craft





ST reference IoT boards, gateway, cloud, and mobile application



In-sensor AI technology (machine learning core)



Integrated ST software tools and hardware



Dataset and project privacy







ST AloT Craft 1.2 version

What's new?

Sharing among users

projects and data sets

New MEMS sensor supported

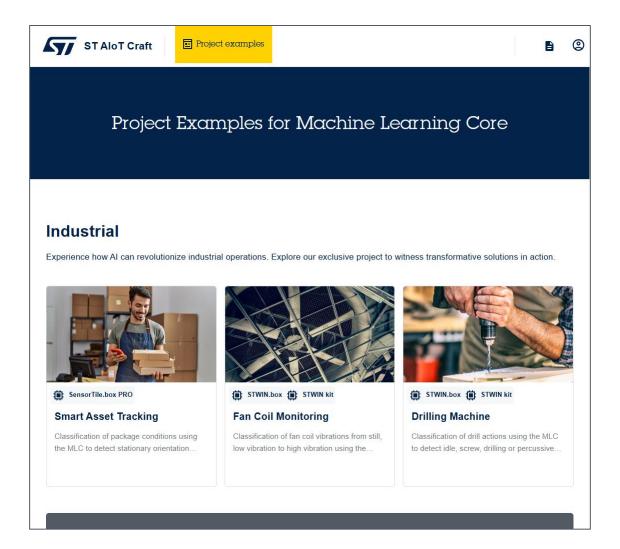
LSM6DSV80X and LSM6DSV320X IMUs

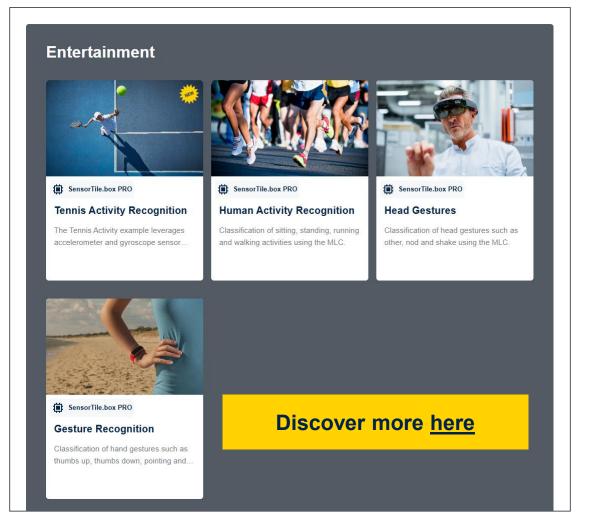
IoT system flexibility

BLE connectivity, <u>firmware package</u> for easy project porting to custom boards

Quick learning with dedicated course

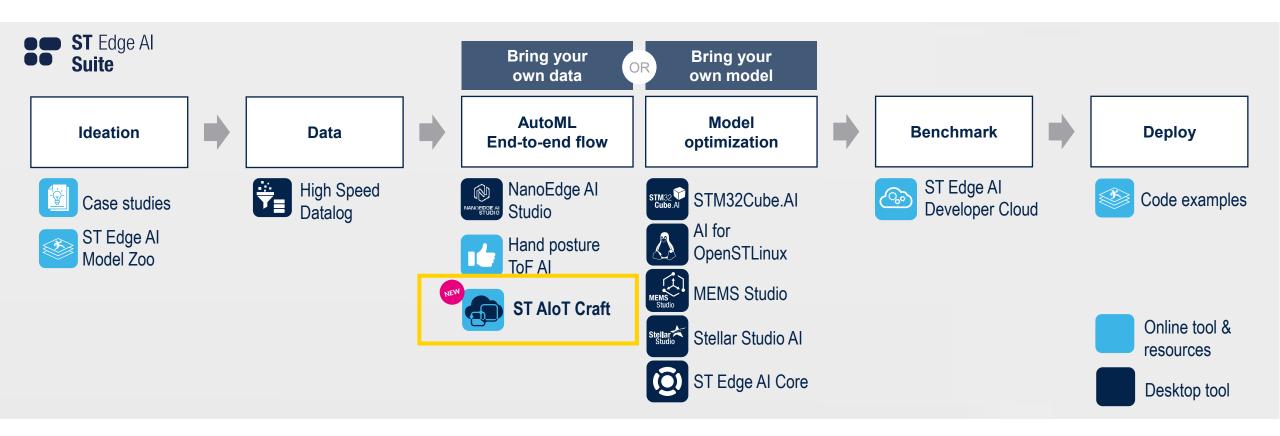
Pick up use cases from Edge AI case studies







The ST AloT Craft tool is powered by the ST Edge Al Suite





Explore at st.com/st-edge-ai-suite



Our technology starts with You





