Smart Industry Predictive Maintenance Kit

The Arduino Pro Smart Industry Predictive Maintenance Kit is the perfect way to learn and create solutions focused on artificial intelligence using sound recognition, environmental sensing, and machine learning on the Edge. Practice with Edge AI tools to implement automation systems capable of recognizing Voice Commands and sensing environmental data to trigger processes. Integrate all with remote control thanks to the Arduino Cloud, experiencing the Arduino C++ based programming easiness.

Key features

- Machine learning tools add on for IoT Cloud
- Expert Arduino Service & Support included
- 3 months Arduino Cloud for business voucher
- Arduino Portenta C33

Additional features

The Arduino PRO Kits are development enablers designed to offer end to end solutions to deep dive the technological experiences offered by the Arduino Ecosystem, targeting specific verticals. Made of a set of selected products, accessories, tools and guides, are easy and ready-to-use bundles to build professional applications and proof of concepts.

Quickly put them to work, leveraging the many available software libraries from Arduino and the compatible third party integrations for AI transformation.

Take advantage of the zero touch programming experience of the Arduino IoT Cloud: the onboard secure element ensures over-the-air firmware updates and remote control via the Arduino Cloud or third-party services.

Applications

- Industrial Automation
  - Predictive maintenance
  - Intruder detection

- - Environmental monitoring
  - Smart Cities
    - Building Automation
    - Construction monitoring
    - Wearable solutions

Kit contains:
- Arduino Nicla Voice
- Arduino Nicla Sense ME
- Arduino Enclosure for Nicla Voice
- Arduino Enclosure for Nicla Sense ME
- Arduino Portenta C33
- Arduino Portenta breakout

Software included:
- Arduino Cloud for Business 3 months voucher
- Machine Learning Tools for IoT Cloud

Service & Support included:
- 1hr remote consulting for product selection with an Arduino or Arduino partner expert
- 2hrs remote Technical Support from an Arduino Expert