IoT technologies are at the center of the 4th industrial revolution, and come with a huge potential, enabling the collection of huge amounts of data.

But they also present several challenges: device and network failures, attacks, etc.

Philéas answers a request from the market, and provides a tool for Degetel clients to assist them in the monitoring of their IoT infrastructure from a centralized perspective, spotting or predicting potential issues using Anomaly Detection techniques.

Philéas is an Innoviris-funded project between IRIDIA and Degetel Belgium, whose goal is to bring an AI-based product to the market, and to investigate the use of advanced ML models for IoT metadata.

Philéas is a framework from which it is possible to instantiate a customized application for each client and their specific case.

At the moment we support 2 IoT protocols: LoRaWAN and Sigfox.

Philéas is designed to be easily extendable to include other protocols and algorithms.