

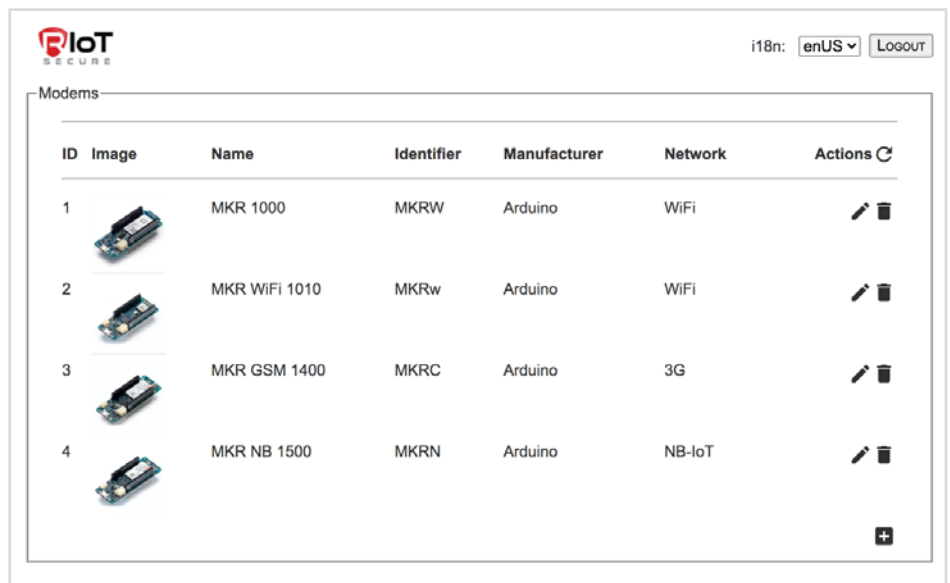
Digital Tech













# SCOUT

## Secure Control of Ubiquitous Technology

**STARTUP CREATION: INGWAZ (SWEDEN)**

**PARTNERS:** RiOT Secure (Sweden),  
Politecnico di Milano (Italy), Comau (Italy)

ID	Image	Name	Identifier	Manufacturer	Network	Actions
1		MKR 1000	MKRW	Arduino	WiFi	 
2		MKR WiFi 1010	MKRw	Arduino	WiFi	 
3		MKR GSM 1400	MKRC	Arduino	3G	 
4		MKR NB 1500	MKRN	Arduino	NB-IoT	 

## Secure Lifecycle Management and Network Intrusion detection for Industrial IoT

A scalable, manufacturer independent Secure Lifecycle Management Platform with Network Intrusion detection to protect and manage Industrial IoT assets from the cloud to the edge.

The SCOUT project is focused on secure lifecycle management of IoT devices, it has been designed with a focus on security in its foundations and should be identified as a component for inclusion within a large scale Industrial IoT platform, complementing functionalities of other vendors.

SCOUT provides a secure end-to-end communication, where the sensor data is be channelled to a customer's

IoT application that also resides in the cloud, at no point is the data stored or processed. In addition, a cloud service API is provided allowing the customer to get an overview and manage the lifecycle of the IoT devices within the customer IoT deployment, allowing secure, over the air firmware application updates not only for the communication modules but also any attached microcontrollers.

## Competitive Advantages

- Secure by design
- Over-the-air (OTA) firmware updates
- Device, Network and Vertical agnostic IoT Lifecycle Management Platform
- Supports resource-constrained devices
- Retrofit existing IoT investments
- REST API for 3rd party integration

## Target Markets

- Vertical agnostic, but entry market segments include Manufacturing and Transportation Industries
- Addressing EU & Global markets

## Status/ Traction

### Two Customer Pilots

#### Italy

- Comau, Manufacturing

#### Sweden

- GreatSway Enterprises, Transportation

## Road Map

### 2019

- Pre-Study and Research

### 2020

- Launch MVP

### 2021

- Grow

### 2022

- Scale

## Leveraged Technologies

SCOUT has a number of technology stacks built exclusively for IoT device lifecycle management; that can be adapted to meet the requirements of the target industry.

- Cloud Architecture
- Lifecycle Management at the Edge
- Industry Standard Crypto-Algorithms
- Machine Learning

## Contact



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# SCOUT

[riotsecure.se/projects/EIT-SCOUT/](https://riotsecure.se/projects/EIT-SCOUT/)

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