

solair

Smart Factory Advisor

Solair to solve the IoT dilemma

IoT is unleashing enormous opportunities for manufacturing.
But getting started is not easy.

Connecting things raises a series of controversial issues

Where to start from?

How to select the various components?

Where to buy them?

How to integrate different machines?

How to go to production, or to scale, when the testing phase is over, without restarting from scratch?

Solair simplifies access to the Internet of Things by providing an IoT product that allows manufacturers to monitor different machines within the same application and makes it easy to take the first step to connect physical assets to the digital world.



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A **vertical** IoT product dedicated to **manufacturing** that allows you to **monitor** the good functioning and the energy consumption of different machinery present in a plant

For who

**Plant and
production
managers**

→ increase
productivity, safety
and uptime

**Energy
managers**

→ control and optimize
energy consumption of
different machines

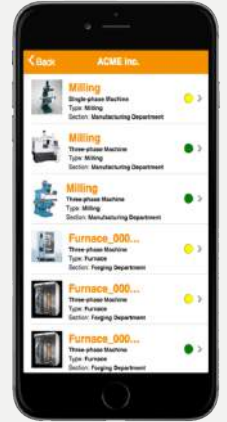
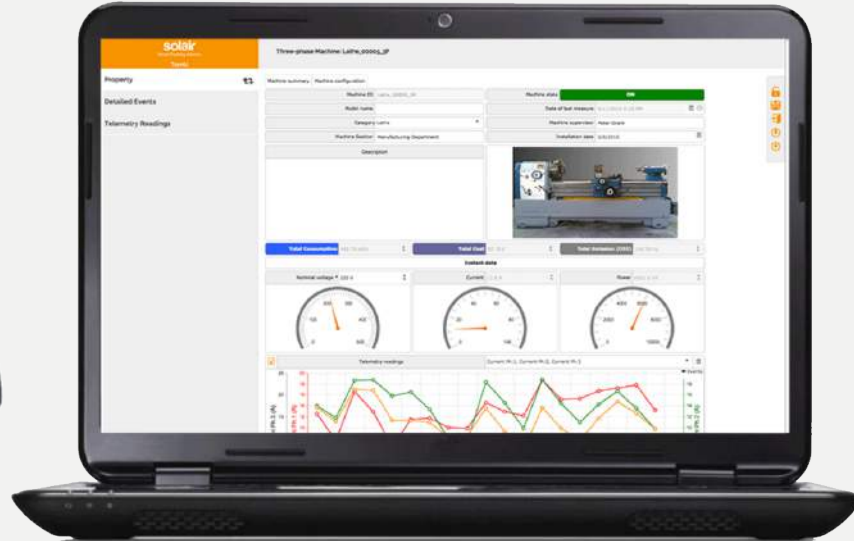
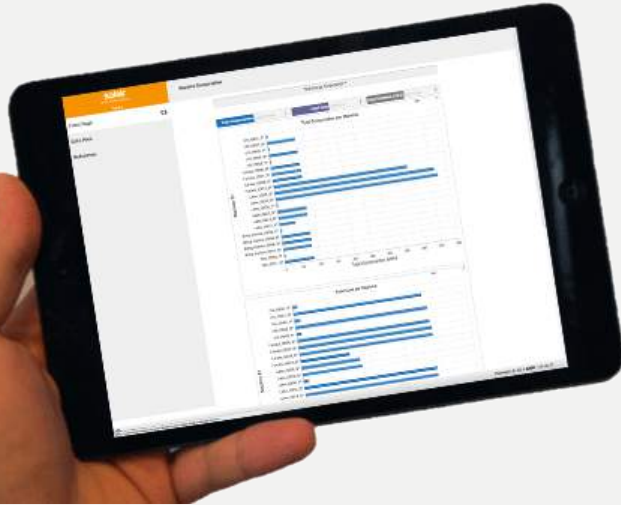
**Financial
managers**

→ improve cost control a
correctly allocate costs
to different centers

Features

- 1 24x7 machinery **remote consultation** through **mobile** devices
- 2 On line **updates** on which machines are working (I/O)
- 3 Real time **alarms** when machines stop working while they should be active
- 4 **Change in status** of machines (on, standby, off)
- 5 Monitoring of **energy consumption** and possibility to make comparisons between various machines

Omni-channel monitoring



5x easy

Easy to install

Just add sensors to existing machines

Easy to set up

Plug&Play, set up in a few click

Easy to use

Web based application, no technical competence needed

Easy to access

Real time access, 24/7, from desktop/mobile

Easy to scale

Add sensors and machines with an expansion pack or easily move to a custom application

What it is included



1 IoT gateway

20 sensors

1 power supply

1 instruction leaflet

How it works | 1



How it works | 2

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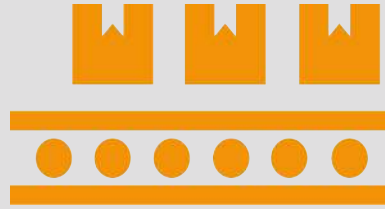
collects data from existing machines through sensors
sends them to a **cloud IoT platform** through an IoT gateway
transforms data into **business information and action**
to **improve productivity** and **optimize energy consumption**

Communication protocols

Machine-gateway: Wireless (EnOcean)

Gateway-application: Ethernet and Wireless (WiFi 802.11)

Business Benefits



Machines always on

Business continuity



Increased productivity

Higher revenues



Cost saving

Increased efficiency



Energy saving

Lower consumption



24/7

From any device

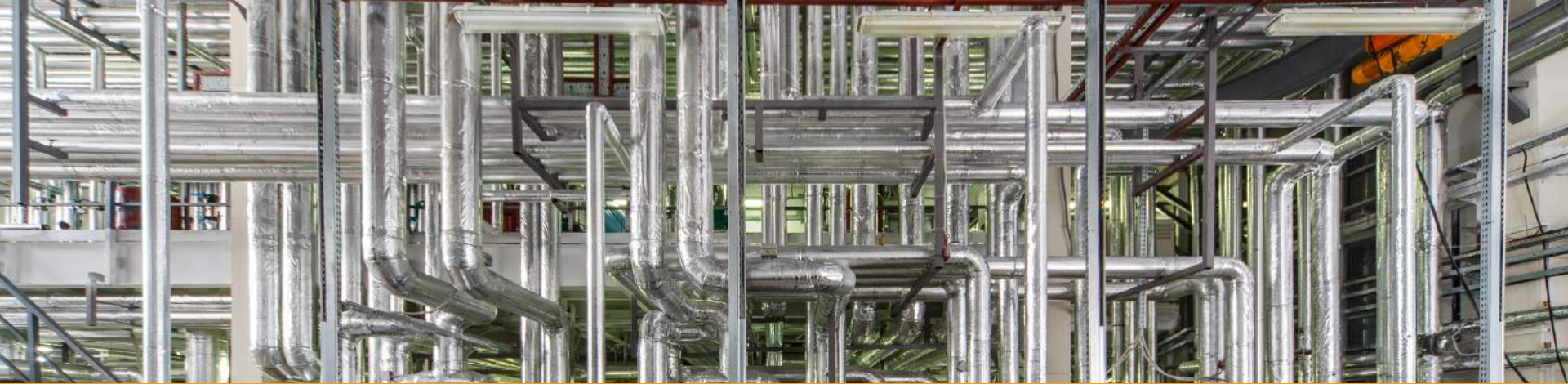
Offering

Start Up Pack

- 1 x Gateway
- 20 x Sensors
- 24 months Software
- Price: standard bi-annual fee

Expansion Pack

- 1 x Gateway
- 10 x Sensors
- 24 months software
- Price: standard bi-annual fee



Make your factory a smart factory



Thank you!

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A **Thing** without an Application is **noThing**

