ewattch®
Plastics

The connected « Ready-to-use » tailor-made solutions
for your machinery

EWATTCH : A COMPANY EXISTING SINCE 2012

Expert in IioT

Mastering the full chain of R&D / production / design internally

6 years of R&D, 14 employees

Muti-awarded for its innovations :

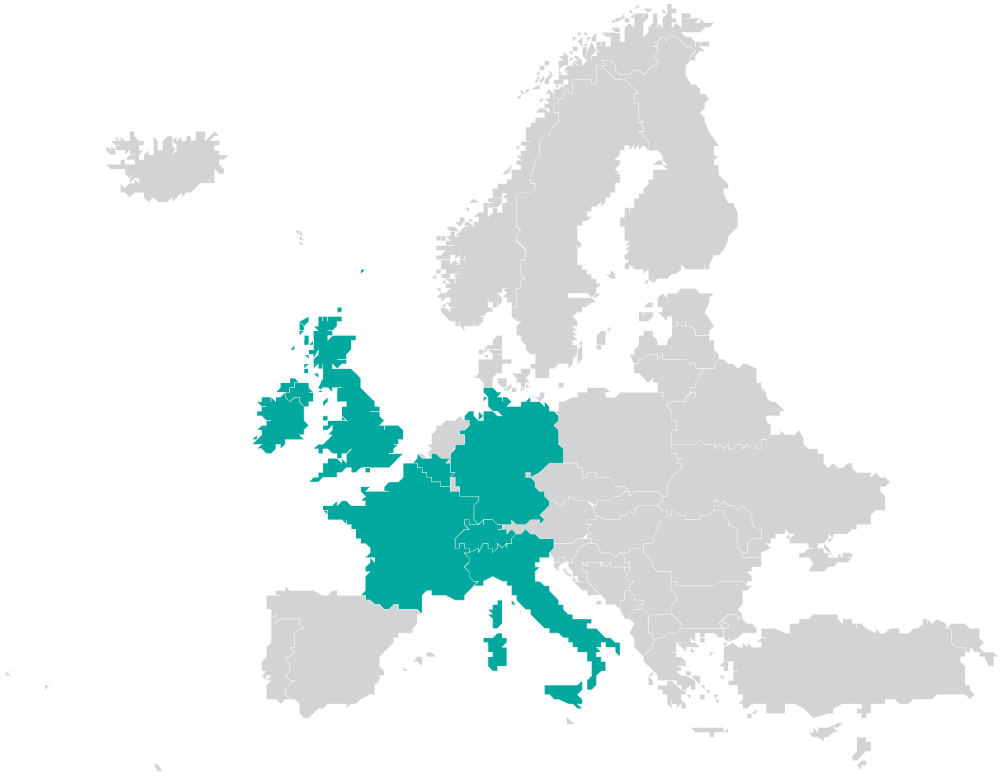
PASS FRENCH TECH
Promotion 2018 - 2019

bpifrance EXCELLENCE 2020

+ 15 000 SENSORS SOLD

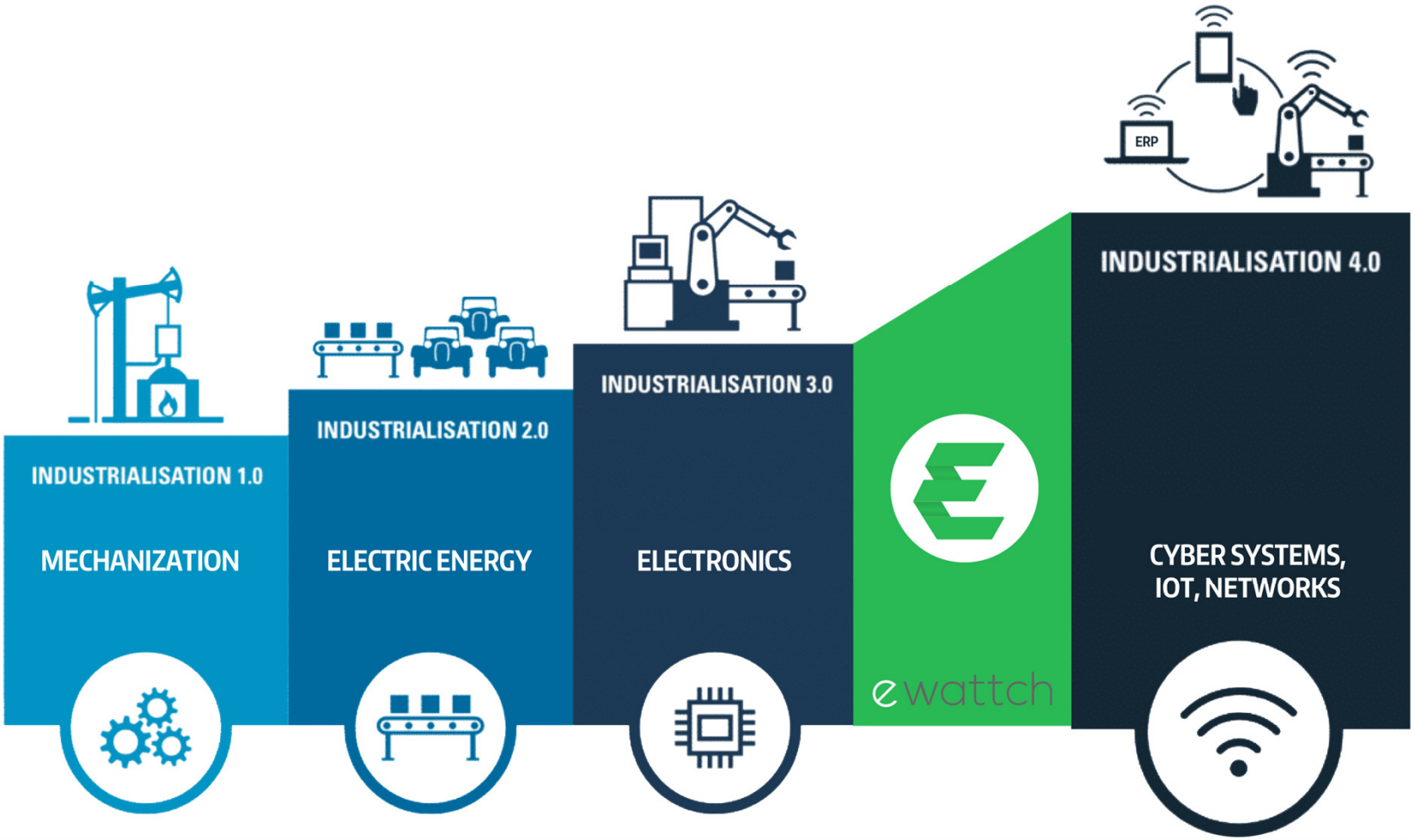
Implemented in : France, Italy, Benelux and Switzerland

Upcoming implementations : Germany and UK

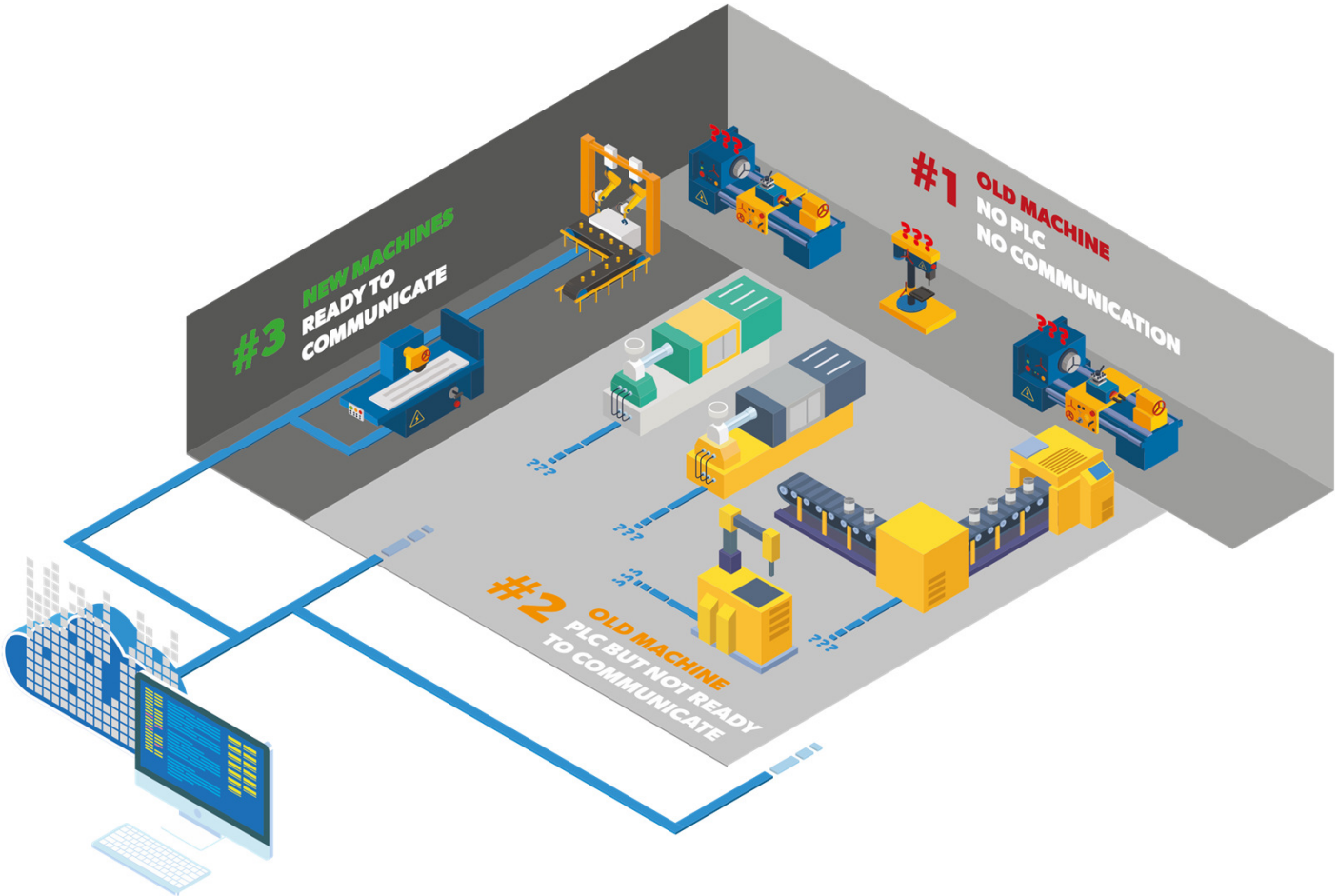


INDUSTRY 4.0 IS A BIG STEP FORWARD

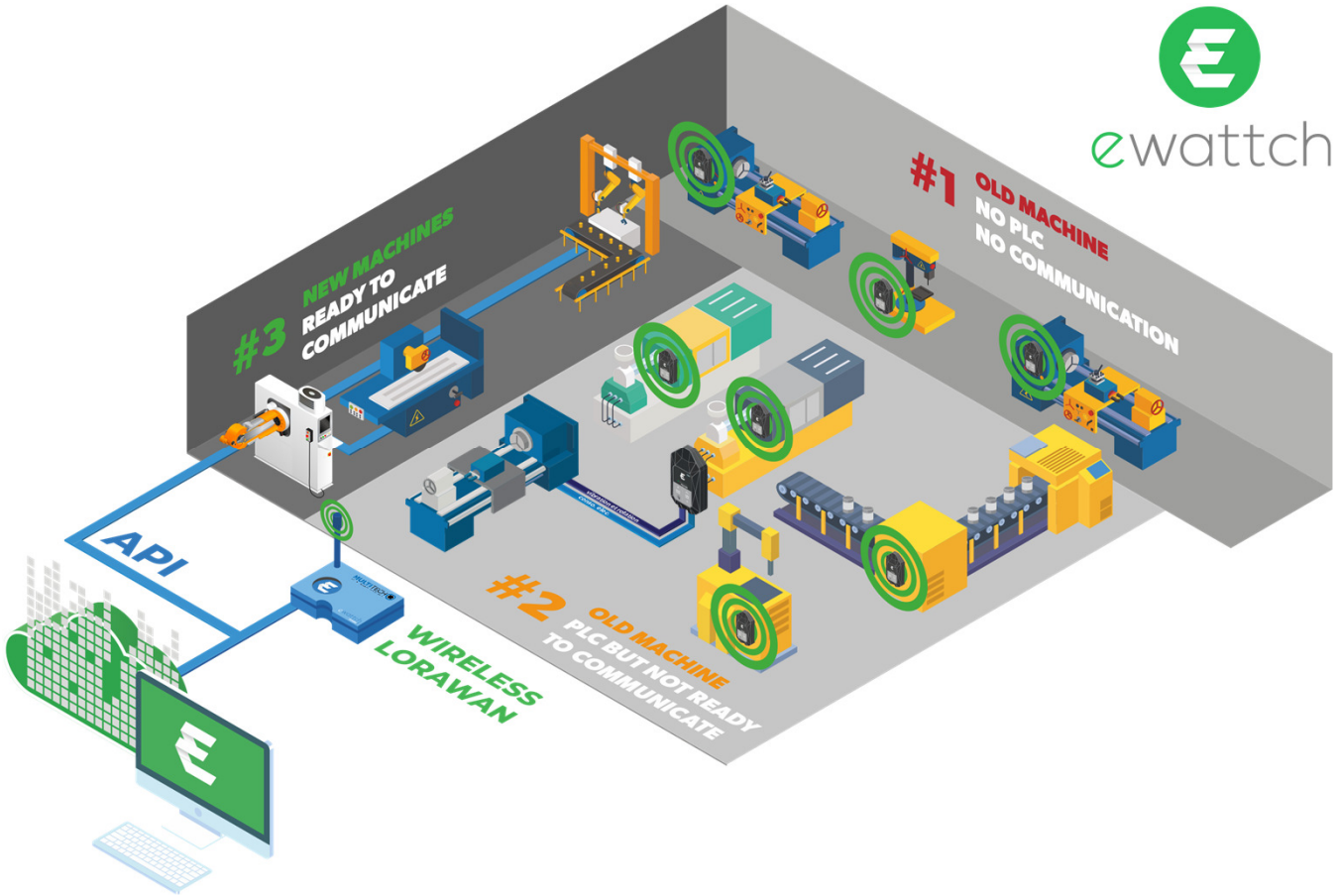
WITH EWATTCH, *GRADUALLY* MOVE FROM INDUSTRY 3.0 TO 4.0



HETEROGENEOUS AND NON-COMMUNICATING INDUSTRIAL EQUIPMENT



EWATTCH CONNECTS 100% OF INDUSTRIAL EQUIPMENT



WHAT WE DO

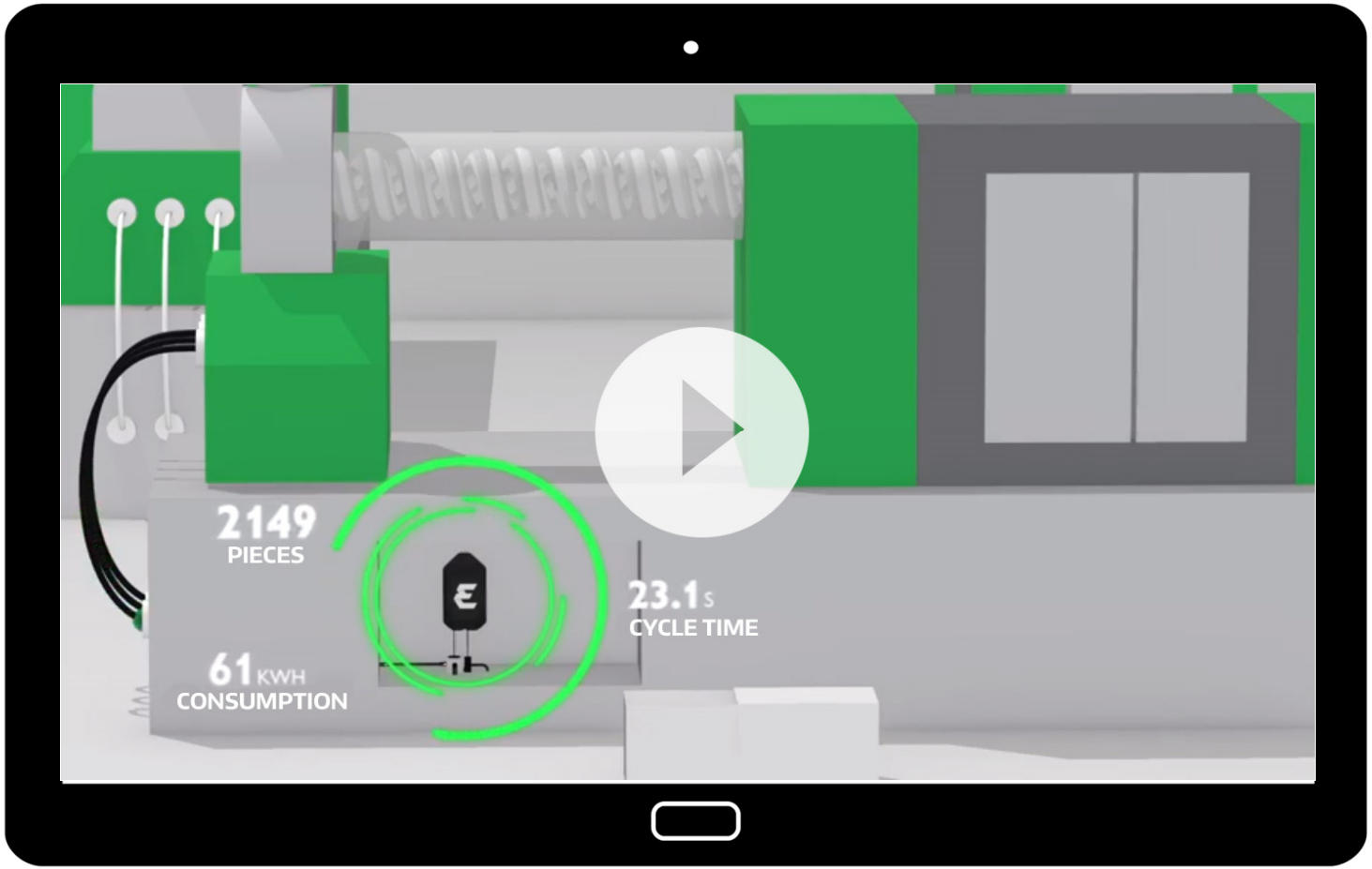
A packaged solution
to connect and supervise the machineries

FAST
Save you time.
Data accessible at any time

PROGRESSIVE
Adapt to you.
Go step-by-step and are scalable.

ACCESSIBLE
Affordable in price. Intuitive and simple:
no need for training. Universal

EXPLANATIONS IN VIDEO :



Connect

ewattch
TYNESS
modular
LoRa
ROGOWSKI
PT100
channels
1 2 3
channels
1 2 3 4

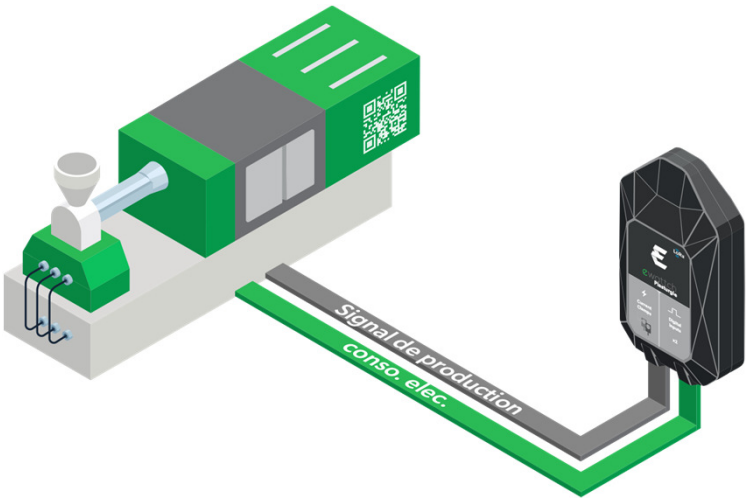
HOW DOES IT WORK?

From 2 signals of:

power consumption

dosage

DATA



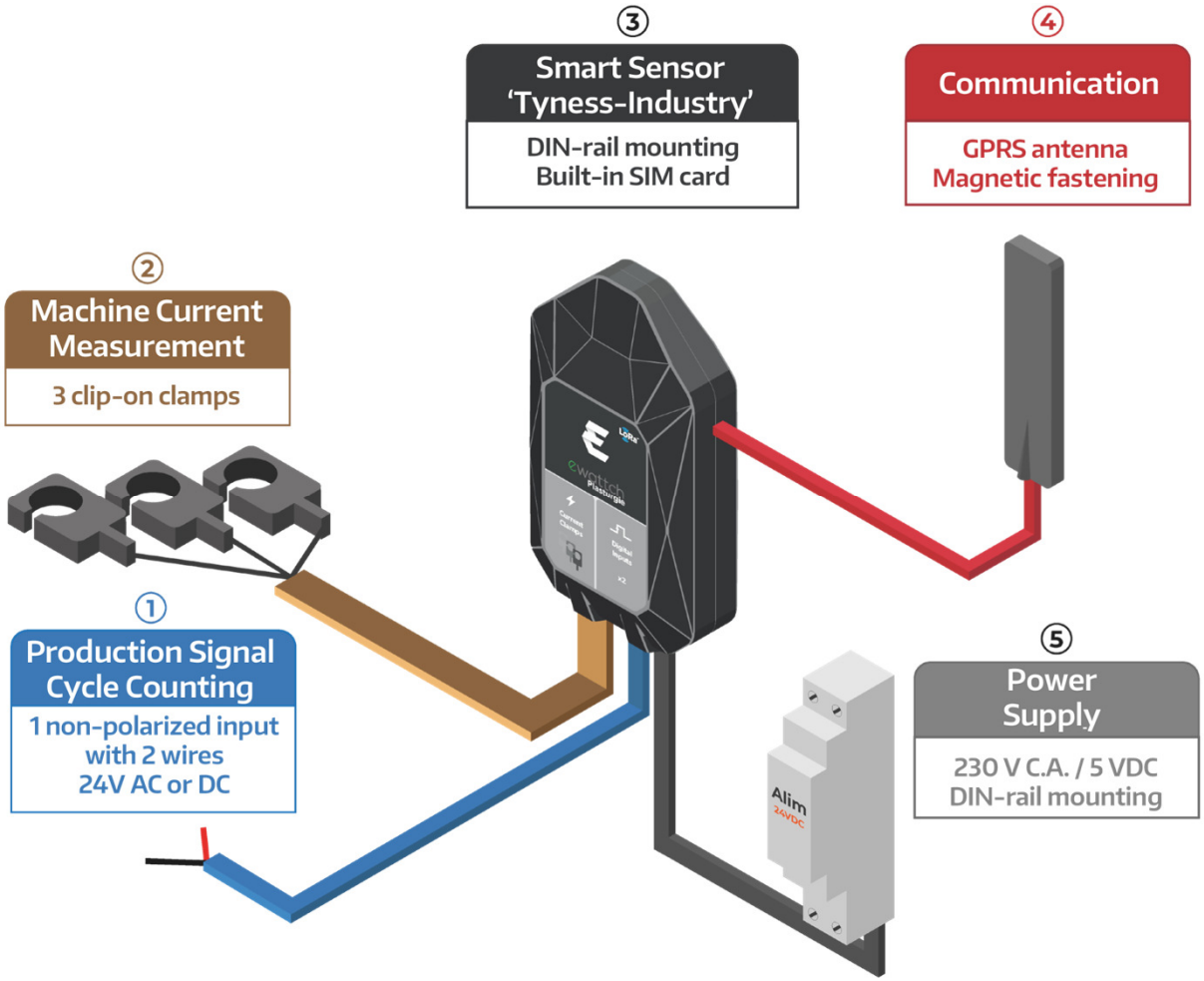
Cycle time

Number of pieces

Operating status (production / stop / error / pre-heating…)

Duration and consumption in different states …

ZOOM ON THE SENSOR AND ITS SOLUTION



+

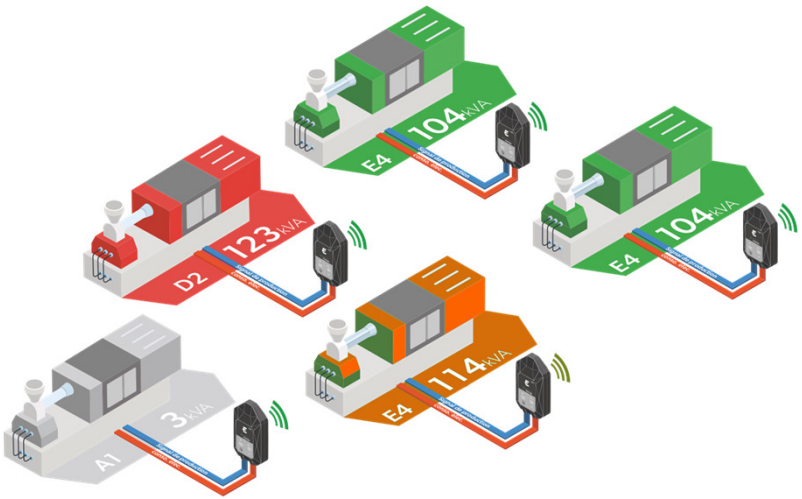
All-inclusive pack:

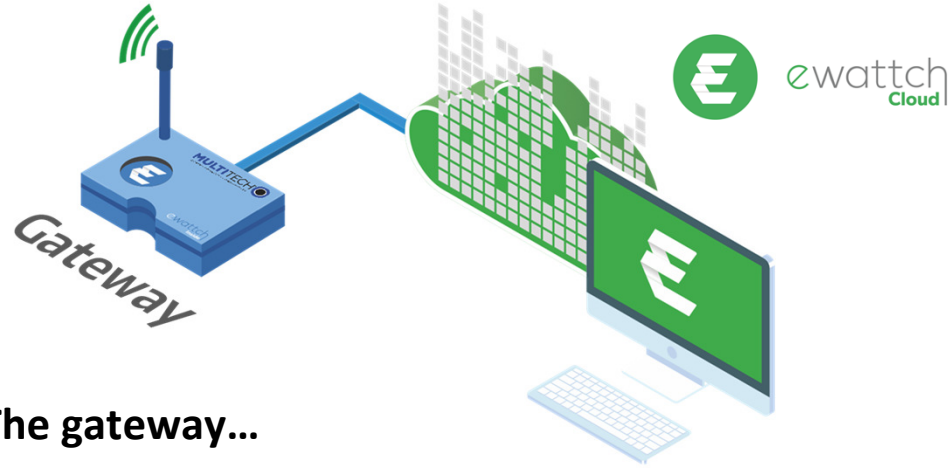
- Wireless communication
- Non-intrusive solution
- Software

CONNECT YOUR PRESSES WITHIN MINUTES

Installation without modification of the press

DEPLOYMENT THROUGHOUT YOUR MACHINERY





1 **Wireless communication**
From the transmitters to the gateway

The gateway…

2 Creates a **secured private network**

3 **Collects information** from the transmitters

4 **Sends this information** on the Ewattch Cloud

FLEXIBLE

UPGRADEABLE

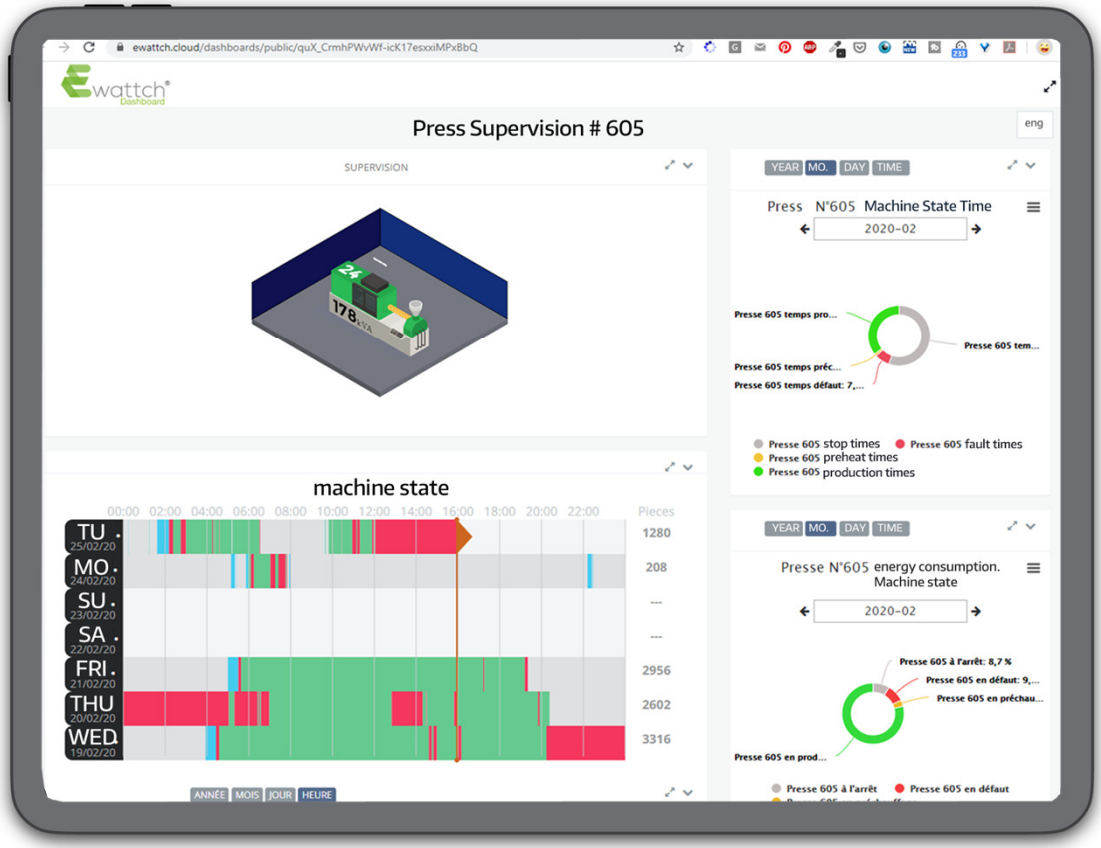
Cloud

Presse 2B
Tps Prod.
11h34m
Temps decycle
21s
Consommation
197 kw

VISUALISE

Thanks to customizable dashboards:

- Analyze and compare your indicators
- Optimize your investments
- Monitor your energy consumption...



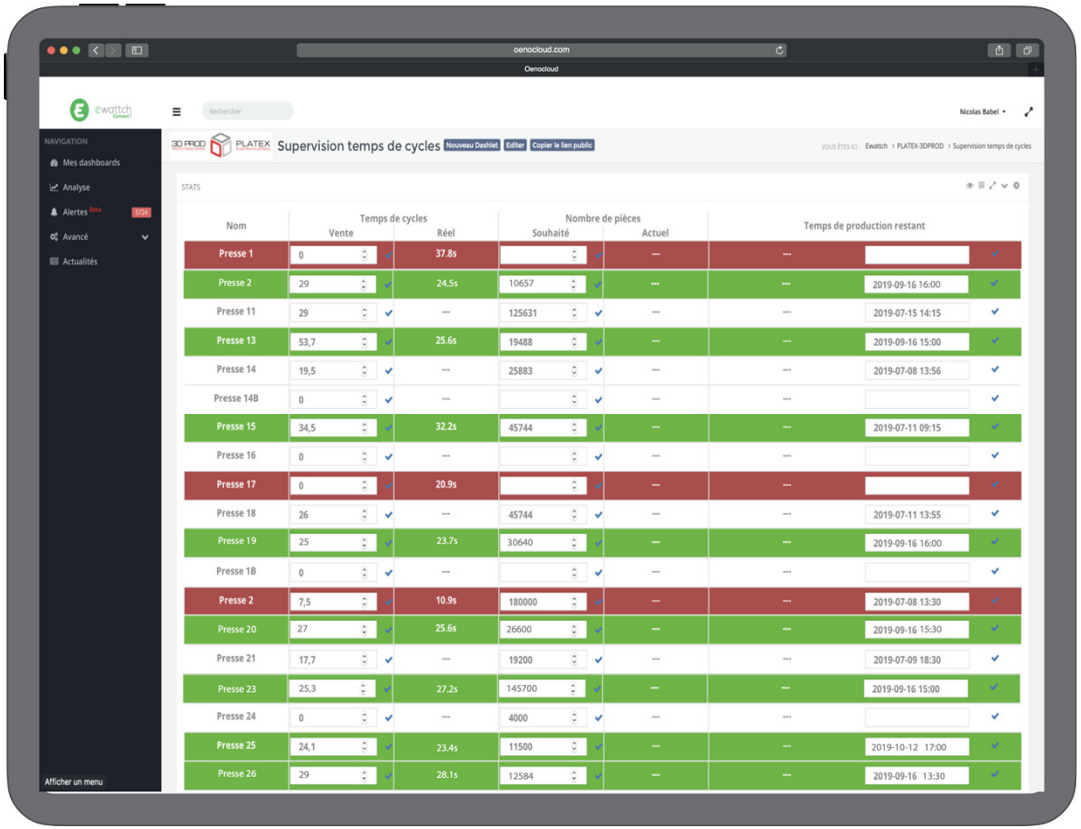
SUPERVISE

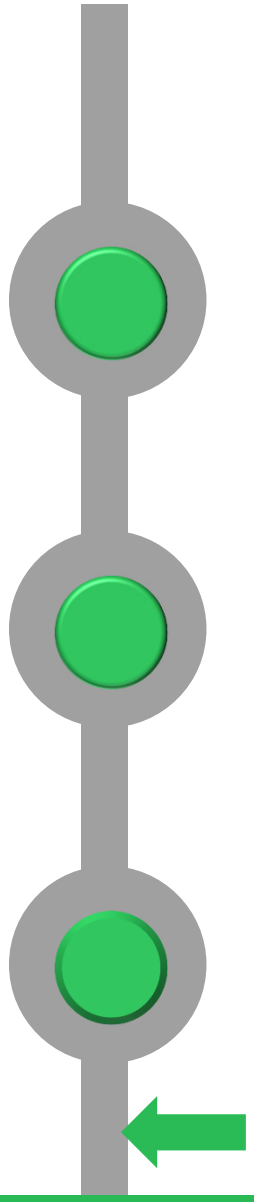
- Access your production remotely
- View your cycle times
- Monitor the status of your presses in real time

OPTIMISE

Master your production indicators, such as:

- Number of parts produced
- Cycle times
- Remaining production time…

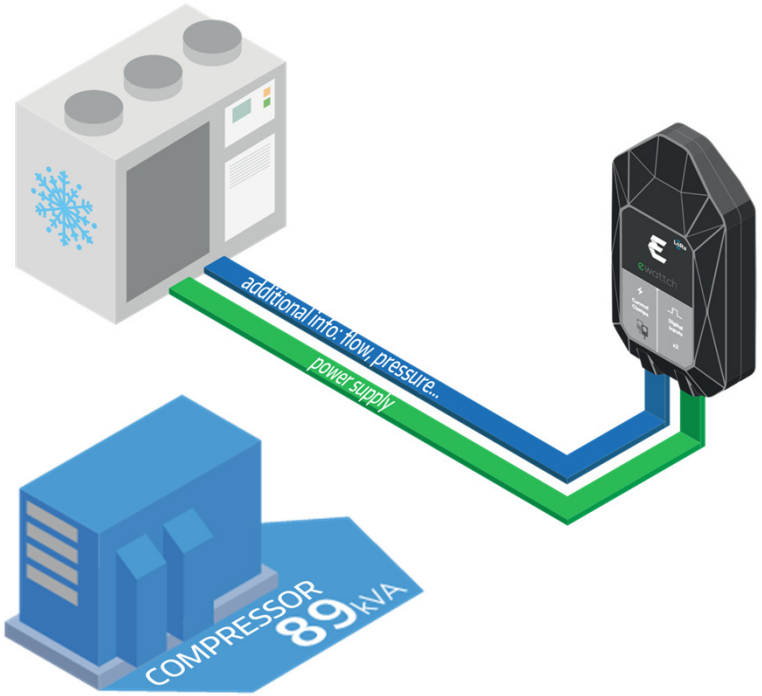




WHAT DO YOU THINK ABOUT IT?

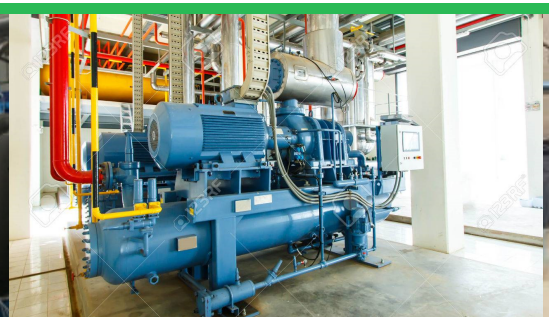
Complementary bricks

PERIPHERAL EQUIPMENT



Connect it and get in real time:

- The monitoring of power consumption
- Alarms in case of malfunction
- Leak detection
- Optimization and monitoring of investments
- Analysis of the operation ...



ENVIRONMENTAL DATA

The ‘Ambiance’ sensor enables to measure:

- Humidity
- Temperature of your site
- Attendance (presence detection)
- Room ventilation (CO2, humidity)

ERP CONNECTION

Possibility to integrate your data into an ERP

Already compatible ERP:

SAP

Microsoft Dynamics 365

sage

cegid

According to ERP: requires an exchange with our engineers

AUGMENTED REALITY

AR application

To view production indicators on site in real time

SERVIPLAST - PRESSE 21

To wrap up

Presse 2B
Tps Prod.
11h34m
Temps decycle
21s
Consommation
197 kw

EWATTCH SOLUTIONS ARE:

FAST

Save you time.
Data accessible at any time

- **INSTALLATION**
- **REAL-TIME DATA MINING**
- **Intuitive VISUALISATION**

PROGRESSIVE

Adapt to you.
Go step-by-step and are scalable.

- **AT YOUR OWN PACE**
- **EVOLUTIVE SOFTWARE**
- **AVAILABLE UPGRADES**

ACCESSIBLE

Affordable in price. Intuitive and simple:
no need for training. Universal

- **controlled BUDGET**
- **guaranteed ROI**
- **UNIVERSAL**

EWATTCH'S STEPS :

WHERE WOULD YOU LIKE TO START?

STARTER-KIT
(TEST 1 MACHINE)

SUPERVISION
(WHOLE MACHINERY)

COMPLEMENTARY BRICKS
(AR, PERIPHERALS, AMBIANCE...)

CONNECTION WITH ERP
(SAP, SAGE, MICROSOFT 360...)

INDUSTRY 3.0

INDUSTRY 4.0

ewattch®

ewattch

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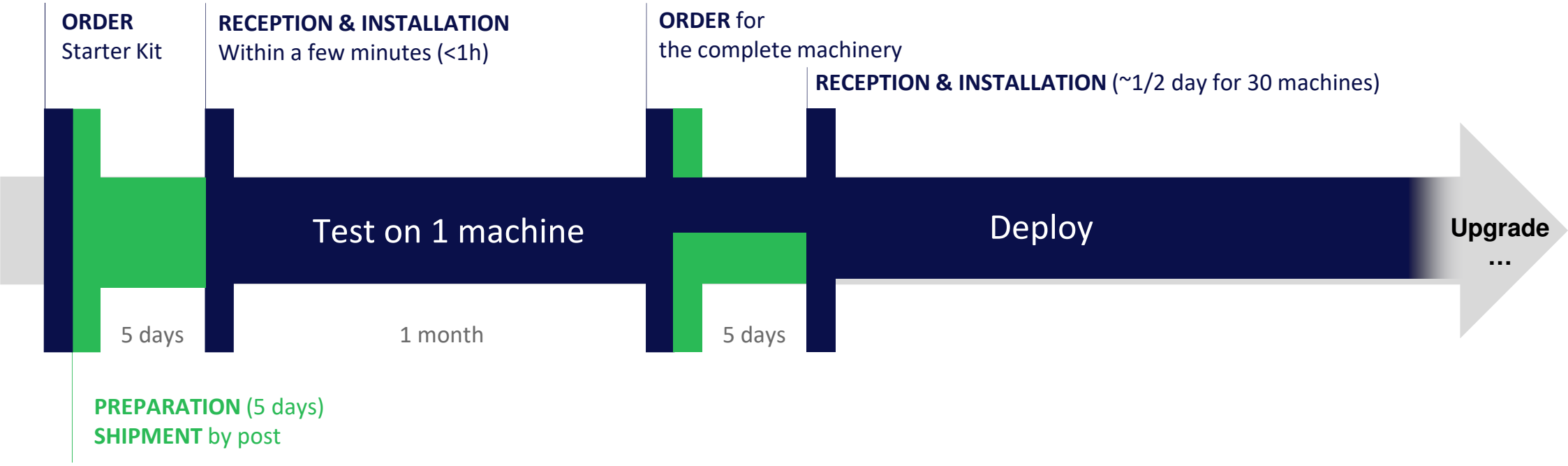
CONCEPT

Ewattch provides ready-to-use tailor-made solutions

You do yourself