



ewatch[®]
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

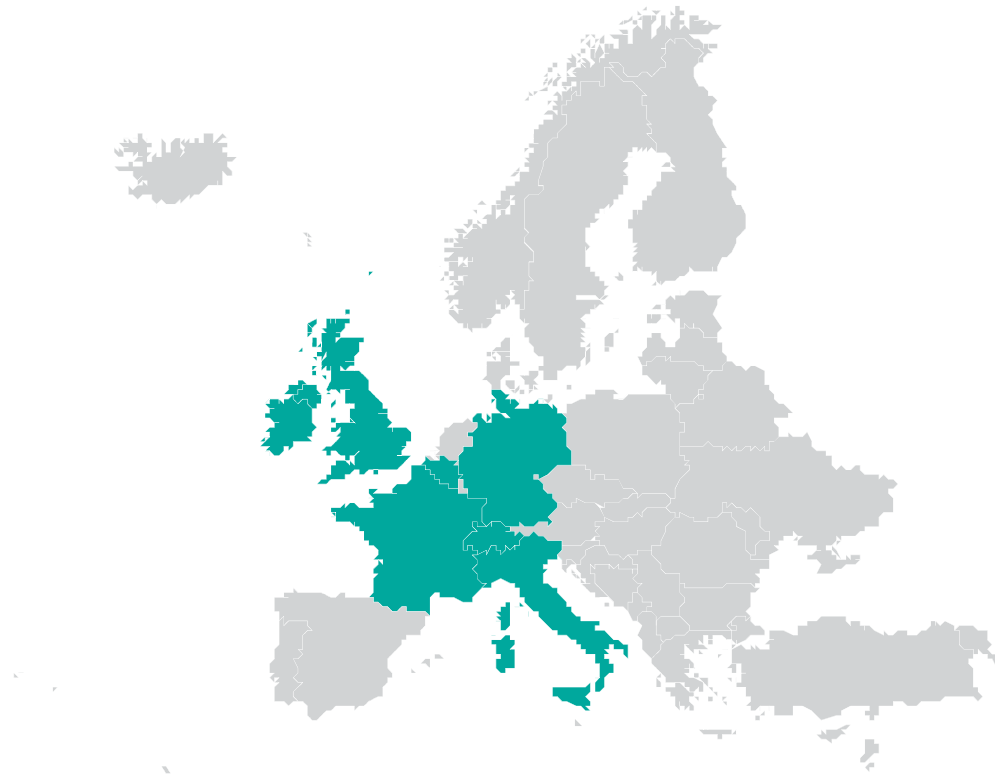
Muti-awarded for its innovations :



+ 15 000 SENSORS SOLD

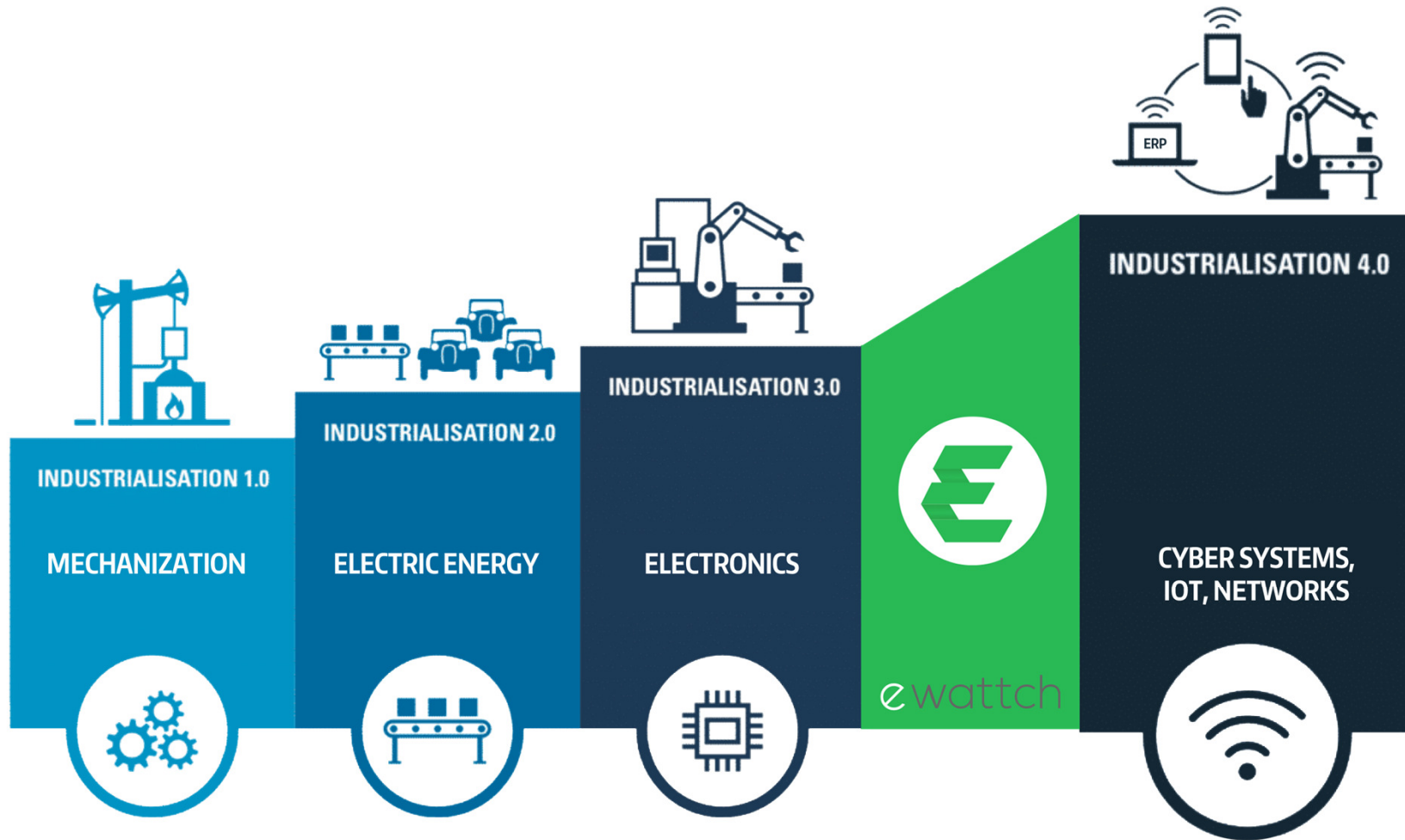
Implemented in : France, Italy, Benelux and Switzerland

Upcoming implementations : Germany and UK

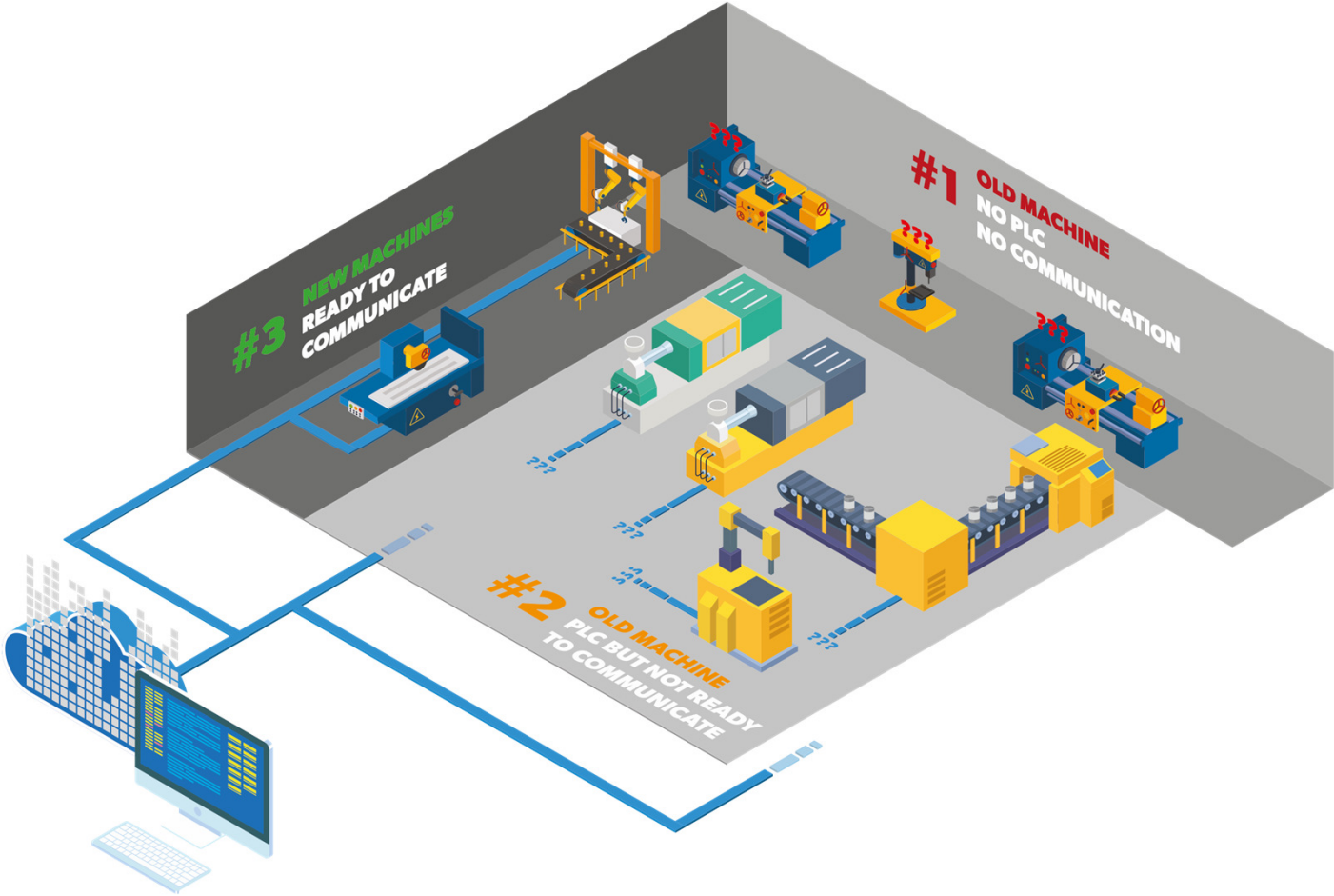


INDUSTRY 4.0 IS A BIG STEP FORWARD

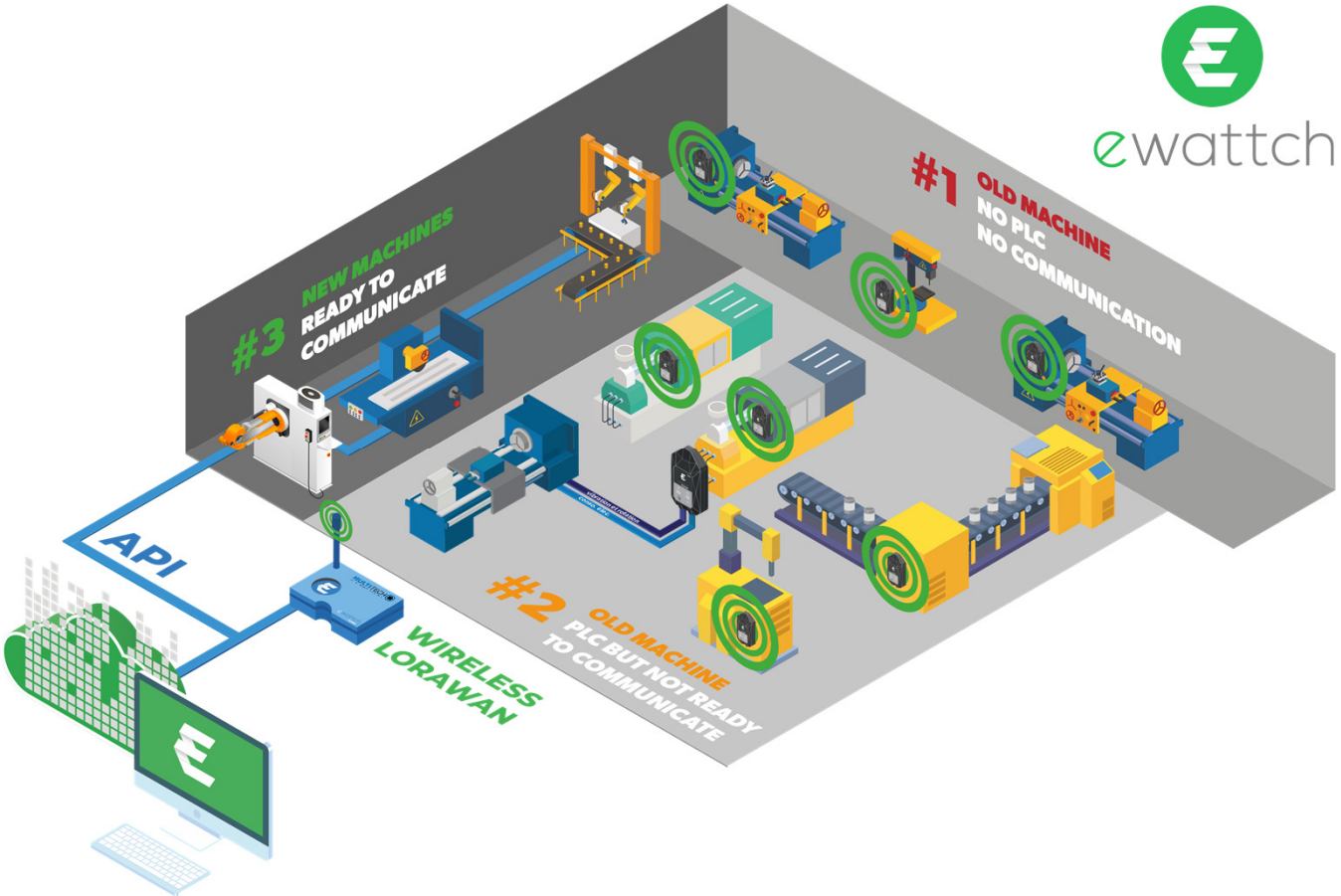
WITH EWATTCH, *GRADUALLY* MOVE FROM INDUSTRY 3.0 TO 4.0



HETEROGENEOUS AND NON-COMMUNICATING INDUSTRIAL EQUIPMENT



EWATCH 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.

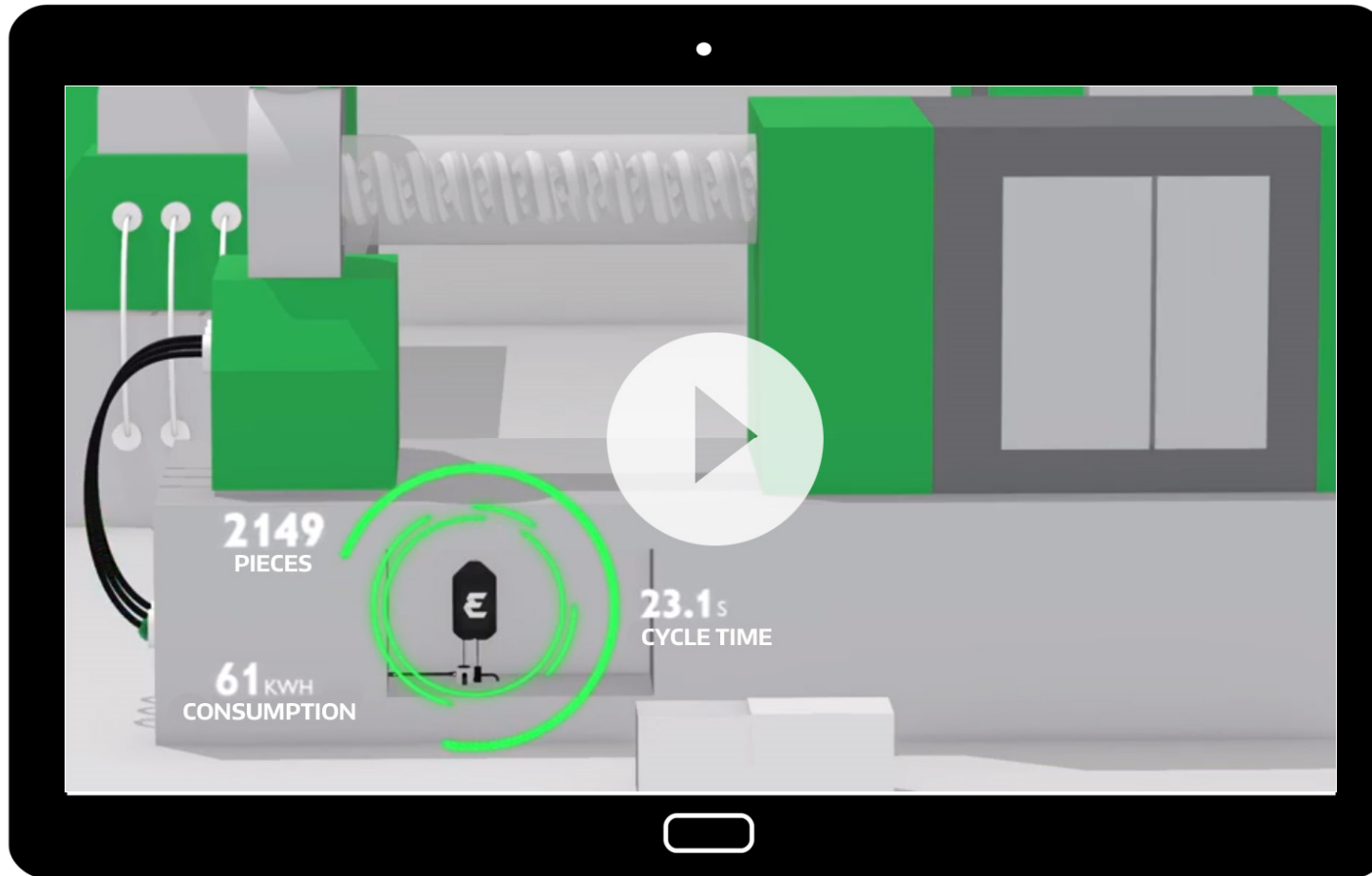


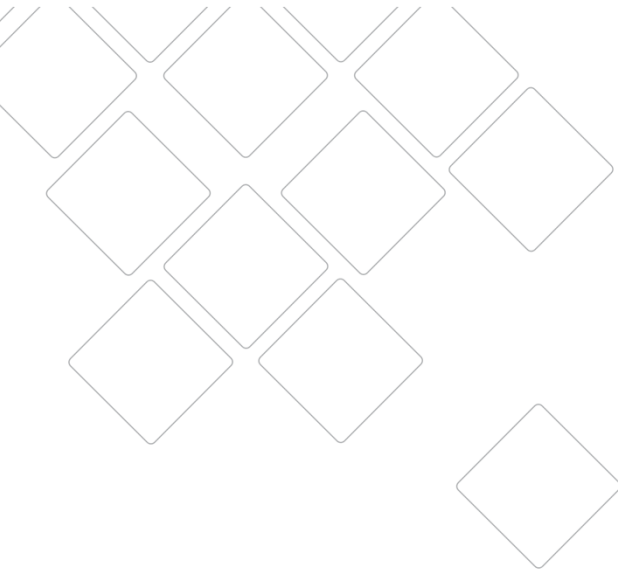
ACCESSIBLE

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



EXPLANATIONS IN VIDEO :





Connect



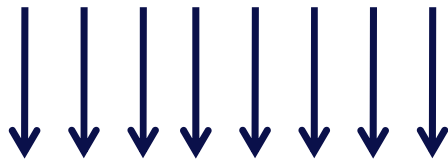
HOW DOES IT WORK?

From 2 signals of:

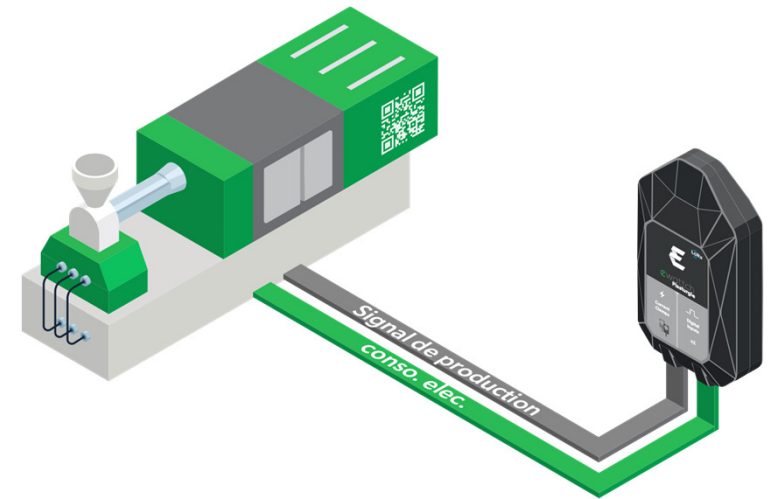


power consumption

dosage



DATA



Cycle time



Number of pieces

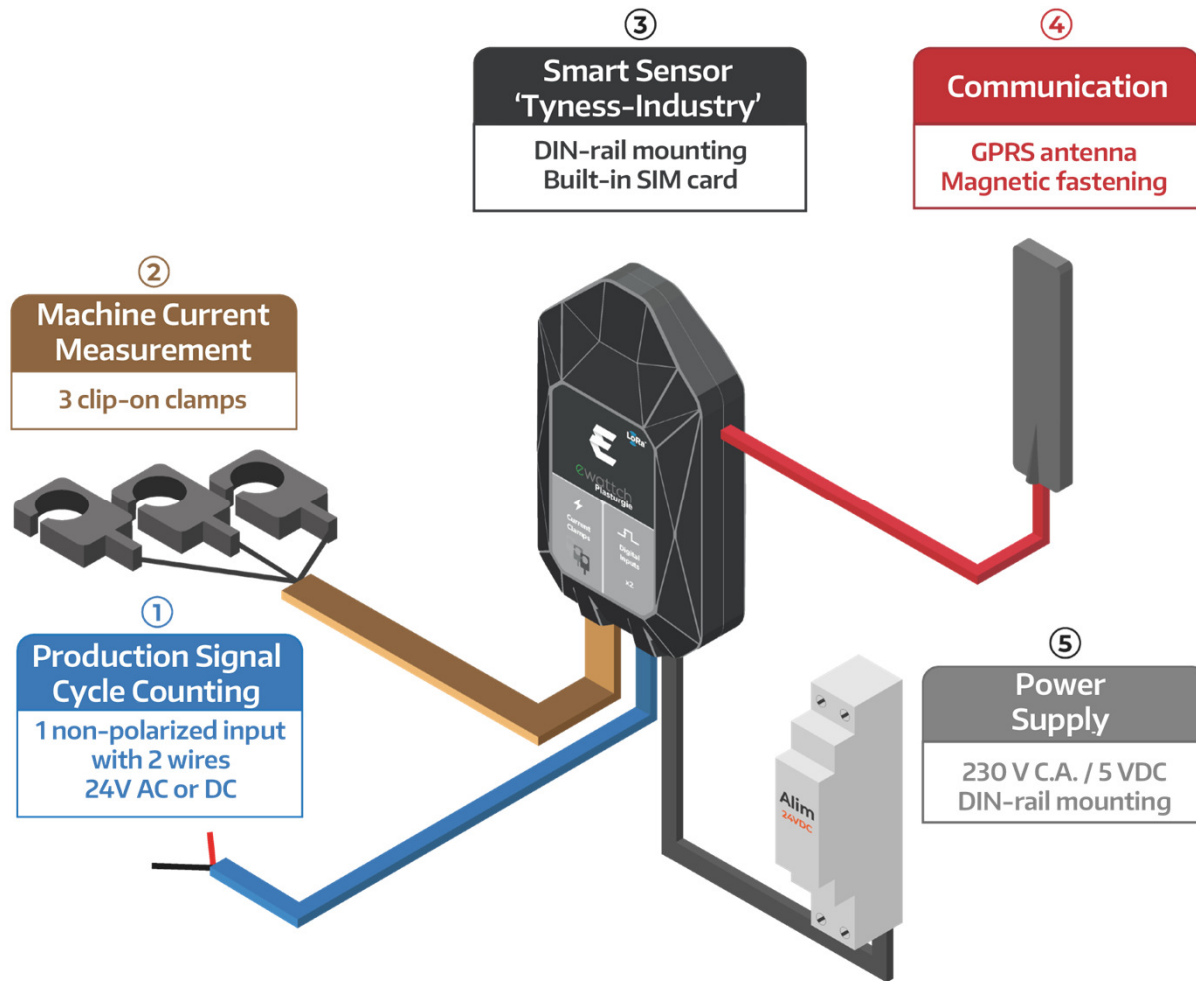


Operating status (production / stop / error / pre-heating...)



Duration and consumption in different states ...

ZOOM ON THE SENSOR AND ITS SOLUTION



All-inclusive pack:

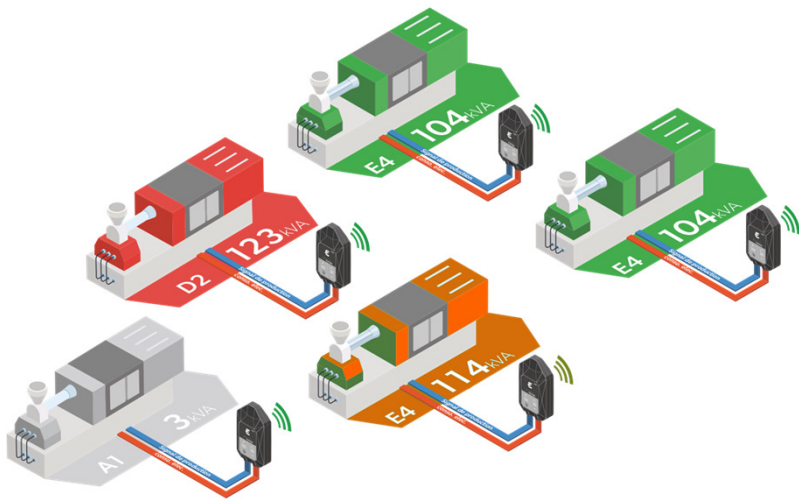
- Wireless communication
- Non-intrusive solution
- Software

CONNECT YOUR PRESSES WITHIN MINUTES

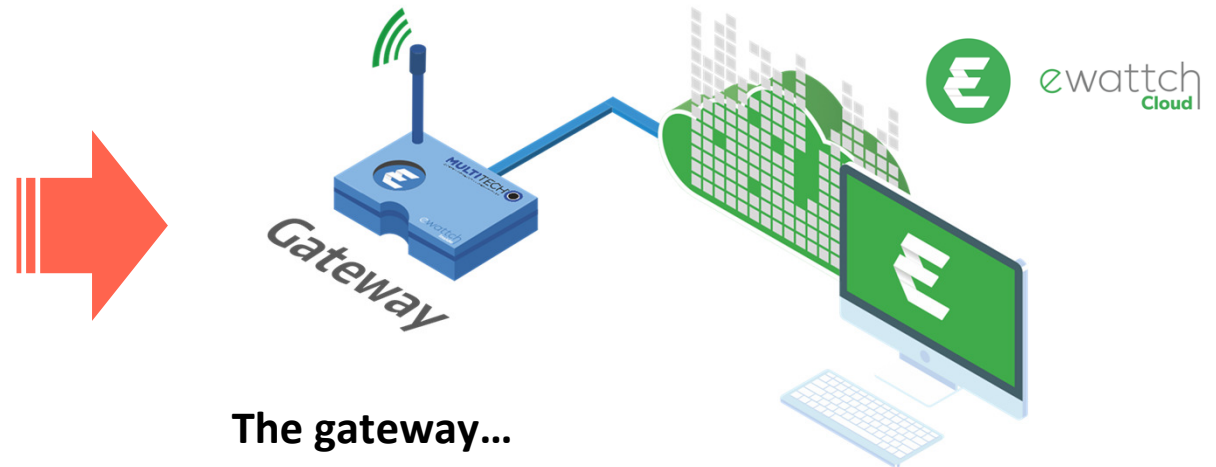
Installation without modification of the press



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 Ewatch Cloud



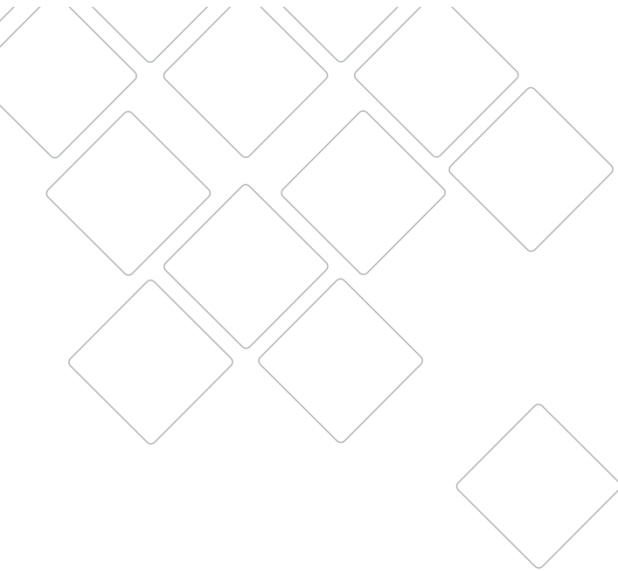
FLEXIBLE



UPGRADEABLE



ewatch



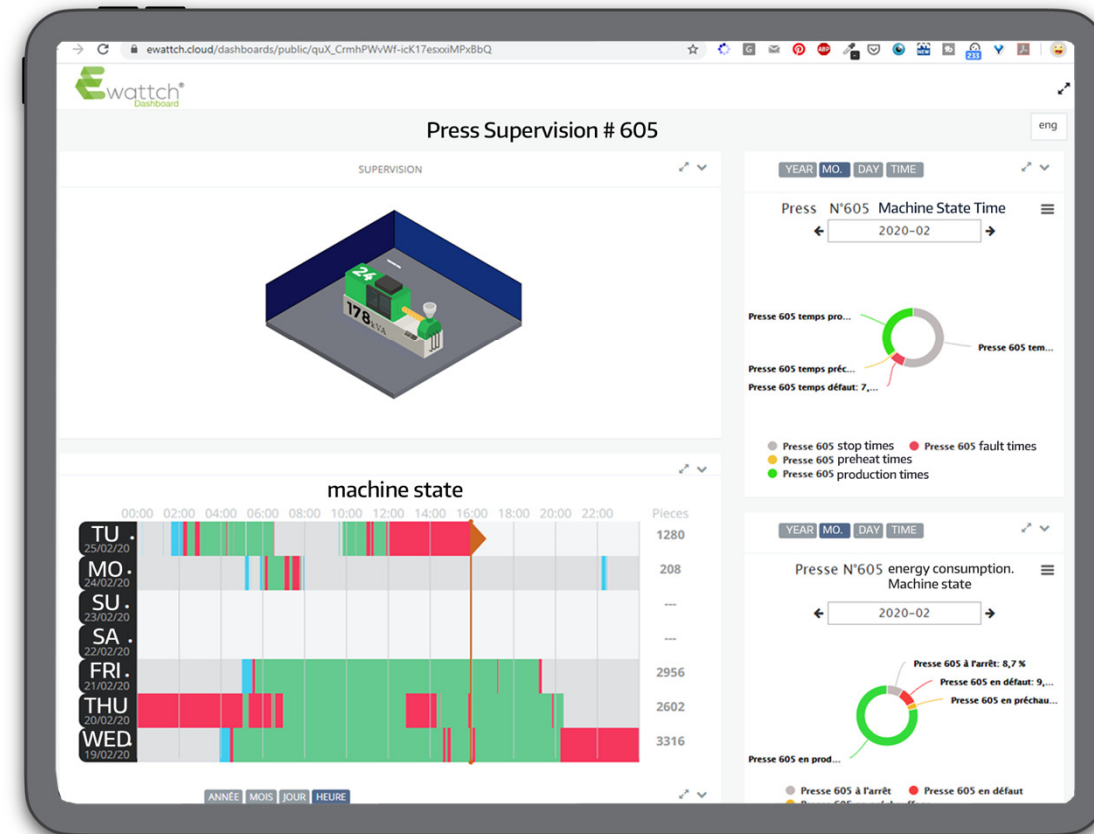
Cloud



VISUALISE

Thanks to customizable dashboards:

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



SUPERVISE

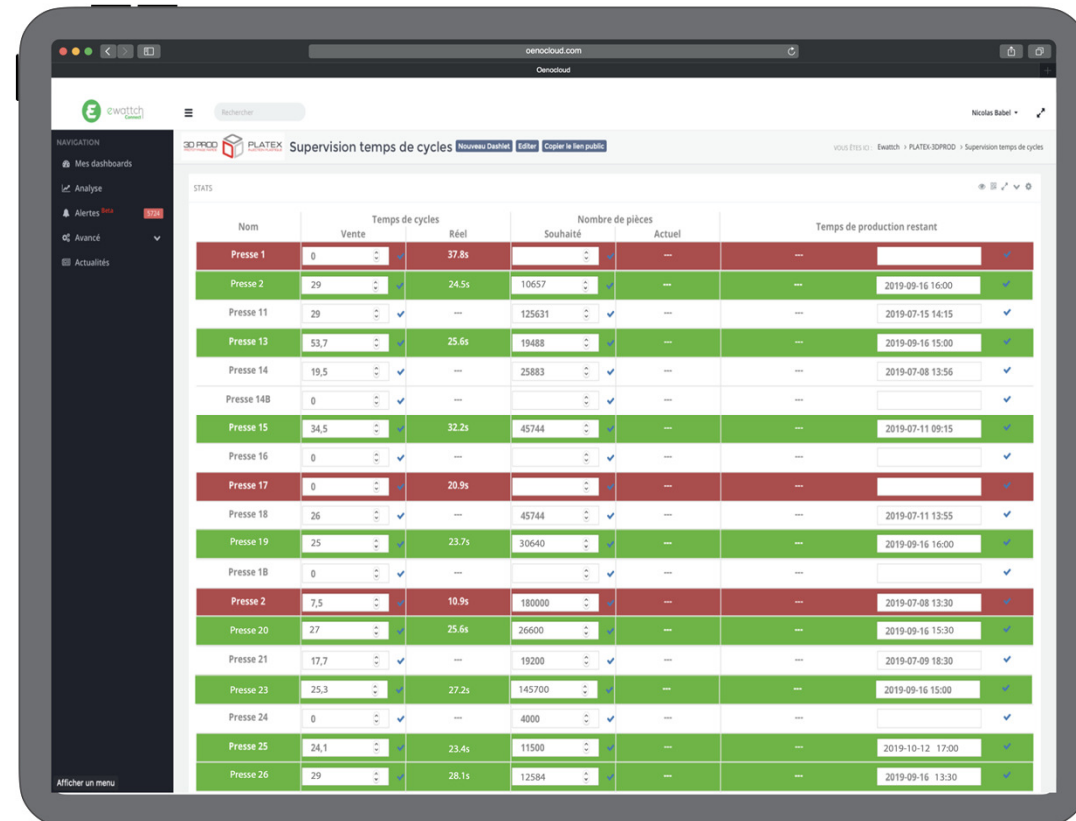
- **Access** your production **remotely**
- **View** your cycle times
- **Monitor** the status of your presses **in real time**



OPTIMISE

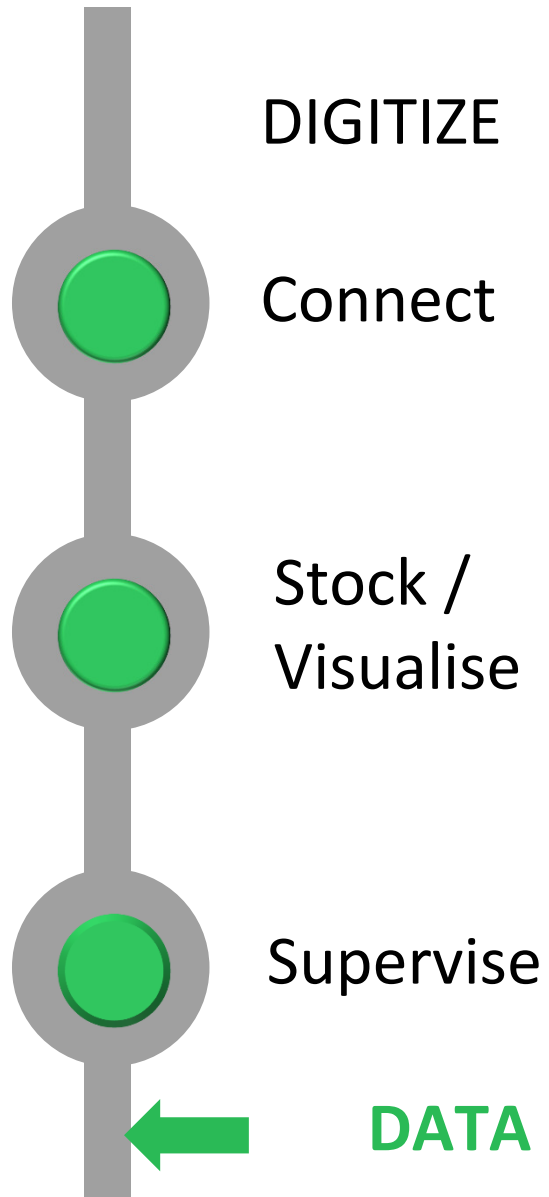
Master your production indicators, such as:

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



The screenshot displays the ewatch dashboard interface. The main content is a table titled 'Supervision temps de cycles' (Cycle time supervision) for 'PLATEX'. The table has columns for 'Nom' (Name), 'Temps de cycles' (Cycle times) with sub-columns for 'Vente' (Sales) and 'Réel' (Actual), 'Nombre de pièces' (Number of parts) with sub-columns for 'Souhaité' (Wanted) and 'Actuel' (Actual), and 'Temps de production restant' (Remaining production time). The rows represent different presses (e.g., Presse 1, Presse 2, etc.) with their respective values and status indicators (checkmarks or error icons).

Nom	Temps de cycles		Nombre de pièces		Temps de production restant
	Vente	Réel	Souhaité	Actuel	
Presse 1	0	37.8s		---	
Presse 2	29	24.5s	19657	---	2019-09-16 16:00
Presse 11	29	---	125631	---	2019-07-15 14:15
Presse 13	53,7	25.6s	19488	---	2019-09-16 15:00
Presse 14	19,5	---	25883	---	2019-07-08 13:56
Presse 14B	0	---		---	
Presse 15	34,5	32.2s	45744	---	2019-07-11 09:15
Presse 16	0	---		---	
Presse 17	0	20.9s		---	
Presse 18	26	---	45744	---	2019-07-11 13:55
Presse 19	25	23.7s	30640	---	2019-09-16 16:00
Presse 1B	0	---		---	
Presse 2	7,5	10.9s	180000	---	2019-07-08 13:30
Presse 20	27	25.6s	26600	---	2019-09-16 15:30
Presse 21	17,7	---	19200	---	2019-07-09 18:30
Presse 23	25,3	27.2s	145700	---	2019-09-16 15:00
Presse 24	0	---	4000	---	
Presse 25	24,1	23.4s	11500	---	2019-10-12 17:00
Presse 26	29	28.1s	12584	---	2019-09-16 13:30



WHAT DO YOU THINK ABOUT IT?

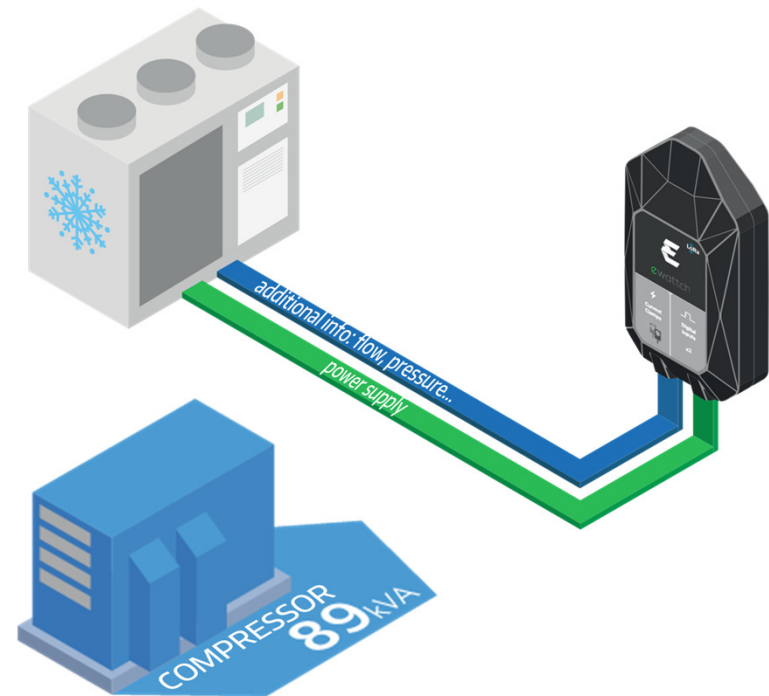
Complementary bricks



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:



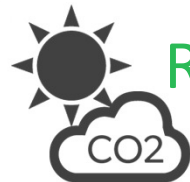
Humidity



Temperature of your site



Attendance (presence detection)



Room ventilation (CO₂, humidity)

ERP CONNECTION

Possibility to integrate your data
into an ERP

Already compatible ERP:



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



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**



EWATCH'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

Ewatch provides ready-to-use tailor-made solutions

You do yourself

