



Higeco

MONITORING ANYTIME, ANYWHERE





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# SECURITY

## Why Higeeco

Monitoring and remote control for  
the industry



# Y

We lead your company into the future by bringing the future into your machines.

We are a technology company with a pure goal: to support manufacturing industries on their way to the 4th industrial revolution. Our control and monitoring systems make machines intelligent, connected, and more productive. We give your company all the tools necessary to transform Big Data and machine learning into a competitive advantage for the future industry.

With our IoT solutions, you can build the digital foundation for your 4.0 company.

76

Designated  
Higeco Clouds

7870+

Datalogger in  
service

140k

Monitored  
devices

3.3M

magnitudes &  
5T of data

“Simplify the monitoring and remote control of industrial machines. Achieve innovation and efficiency thanks to a single system for managing your assets wherever they are in the world.”

**Marco Poloniato**  
Founder Higeco Srl

# INNOVAT Platform

Hardware, Software, and Cloud



## The complete monitoring solution

More performing, efficient, and technologically innovative machines. These are the challenges that manufacturers of industrial machines must face to guarantee their customers products with high added value.

With these needs in mind, we have developed a supervision platform that allows you to connect to your machines anytime, anywhere, in a simple, safe, and reliable way. A complete and modular solution, including hardware, software, and cloud services, allows you to monitor and control effectively all the machinery and technological systems present in a complex environment such as the industrial IoT systems.

The Higecco monitoring platform will connect you to your machines at any time, wherever they are.



### Supervision

Data collection and real-time monitoring



### Geolocation

Know the exact GPS position of your machines



### Data storage

Cloud data logging and storage



### Remote control

Remote commands and machine parameters modification



### User management

Structural access according to the needs of your O&M or your customer



### Designated app

Custom applications for mobile devices



### Firmware updates

Remotely update the machines and connected devices' firmware



### Secure connection

Secure connection via VPN and SSL key



### Customizable software

Fully customizable interfaces and plugins via SDK



# Hardware

Our products offer modern solutions for the needs of the digital age. In fact, Higeeco data loggers not only collect data directly from your machines, but they also process it locally and in real-time.

With the ability to implement new proprietary drivers and protocols, you can easily add the third-party devices of your choice to your monitoring system regardless of the brand and the model.

Higeeco data loggers easily integrate into the IT architecture and corporate data flow. They are the perfect tool to make your machines ready for Industry 4.0.



DATA COLLECTION  
AND EXCHANGE  
WITH FIELD BUS  
SYSTEMS



INTEGRATION OF  
DEVICES FROM  
DIFFERENT  
PRODUCERS



LARGE EXPANDABLE  
LIBRARY OF  
DRIVERS AND  
PROTOCOLS



ENABLING  
TOOLS FOR  
INDUSTRY 4.0  
INCENTIVES





# Software

Our data loggers are created to offer you maximum versatility in any industrial IoT project. That's why we aimed to make the software inside them completely customizable.

You can choose from the plugins already available, which are developed according to the most common needs of our customers, or you can create them yourself thanks to the development environment. In this way, you can adjust the monitoring system to the actual needs of your customers' applications and your business by designing your own customized software and interfaces.



- REDUCED DEVELOPMENT TIMES
- PERSONALIZED SOLUTIONS
- AVAILABLE FOR ALL PLATFORMS

# Cloud

Thanks to the Cloud integration, the data collected by the Higeo data loggers (GWC) is stored and made available in real time on the Higeo platform. All data is consequently safe and always available.

# Discover the benefits of our platform

## **Worldwide connection**

You will always be connected to your machines, wherever they are, via the web.

## **O&M Just in time**

You will be able to intervene on your machines promptly and only when it is really necessary.

## **More efficient machines**

Through constant monitoring, you can optimize the performance of the machines and increase their productivity.

## **Less downtime**

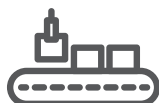
Drastic reduction of downtime thanks to real-time monitoring.

## Enter the digital revolution with us

Higeco offers a complete range of web-based services for remote monitoring and remote control of industrial machines.

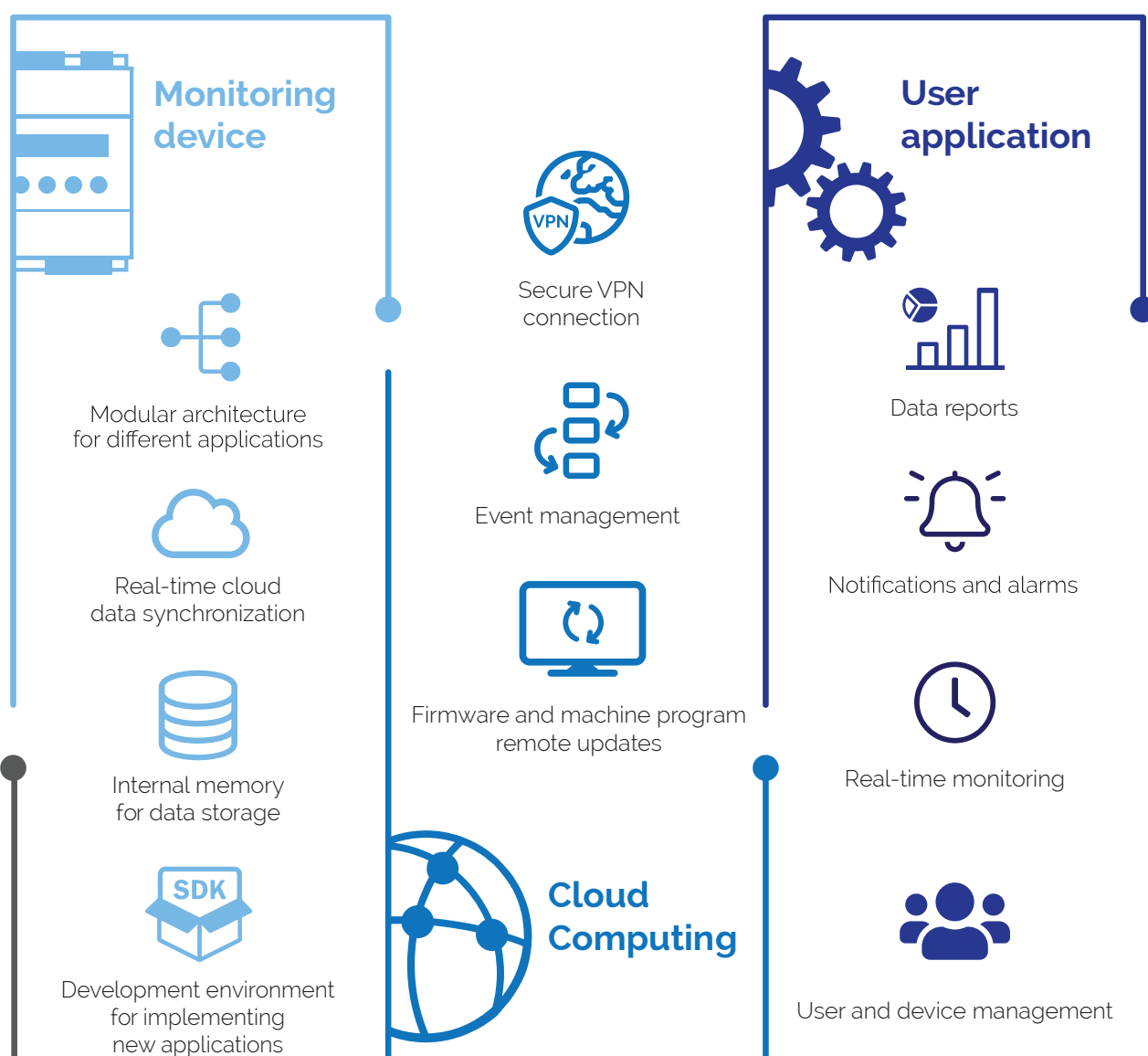
With our systems, you can centralize and evaluate all the data collected by your devices, consult them remotely in real time, and process them according to your needs by creating customized views and reports.

Our dedicated VPN allows you to access your machines securely from anywhere in the world. You can send commands and change operating parameters without leaving the control room or using our mobile apps wherever you are.



“With the Higeo Apps our technicians manage maintenance from the control room and our customers have constant access to their machines. Simply perfect.”

**Ciccio Mao**  
COO - Elettroelsa Spa



# TECHNOLOGY Applications

Where experience meets technology





## Applications areas

The Higeeco supervision platform is a 360-degree solution for all the needs of industrial machines management, from data collection, support, and maintenance.

Thanks to the remarkable possibility of customization and scalability, you can employ it in all your projects:

- **Machines manufacturers (OEM)**
- **HVACR**
- **Industrial automation**
- **Industry 4.0**

*“The Higeeco supervision platform is the simplest, safest, and most reliable way to always be connected to our machines. Wherever they are.”*

**Ing. Tommaso Rovereti**  
CEO - Pakfrut



**APPLICATION:** Remote monitoring and control

**COMPANY:** Self-lifting platforms manufacturer

Electroelsa, a world leader in the construction of self-lifting platforms, transport platforms, hoists, and site lifts, has chosen Higeco to develop a monitoring system to optimize its customer services. Thanks to the dedicated hardware installed on each machine, to the customized monitoring software, and to the Higeco Cloud platform, now Electroelsa can read the data of its platforms in real-time. Moreover, the company knows the exact position of its machines via GPS and can launch remote updates to keep the latest version of its own software. In this way, Electroelsa guarantees its customers the best user experience.



**APPLICATION:** Remote monitoring and control

**COMPANY:** Heat pump installer

EXRG has an ambitious mission: "Helping people to better enjoy their environmental comfort in buildings". In order to achieve it, the organization has always relied on technology and has found Higeco the ideal partner able to provide a complete and customizable monitoring platform. Thanks to the simple integration of different systems combined with the EXRG thermoregulation algorithms, the company can guarantee maximum environmental comfort to its customers. Mission accomplished!



**APPLICATION:** Remote monitoring and control  
**COMPANY:** Manufacturer of power factor correction machines

Energia Europa is a leading company in energy-saving machines with unique patents of their kind. A Higecon datalogger is located inside each E-Power to transfer all consumption data to the Higecon CLOUD remote portal. Higecon Cloud collects all the operating data of the entire group of machines. In this way, the technicians of Energia Europa can check their activity simply and effectively, guaranteeing customers maximum energy savings.



**APPLICATION:** Industry 4.0  
**COMPANY:** Manufacturer of machines for industrial processing

Through the Higecon platform, CAG products can integrate with third-party systems present in client companies, such as PLCs or other industrial control and automation tools. In this way, the platform ensures the interconnection of all machines to the factory's computer systems and the ability to remotely upload instructions, as well as the automated integration with the logistics system, the supply network, and other machines in the production cycle. In addition, thanks to the Higecon solution, CAG can access the tax benefits provided by the 4.0 Business Plan (formerly Industry 4.0).

# CONTATS

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