



## ASSET MANAGEMENT PLATFORM

### MONITORING RENEWABLE

Vision is a web-based platform for the management of renewable mixed portfolio assets, guaranteeing an increase in quality and efficiency in the management of asset data, documents, service orders and operations and maintenance.

Vision is built on the Higecco Cloud platform and inherits the same features, further being enriched by other important characteristics, such as the automatic aggregation of the collected data and the capability to create customizable KPIs.

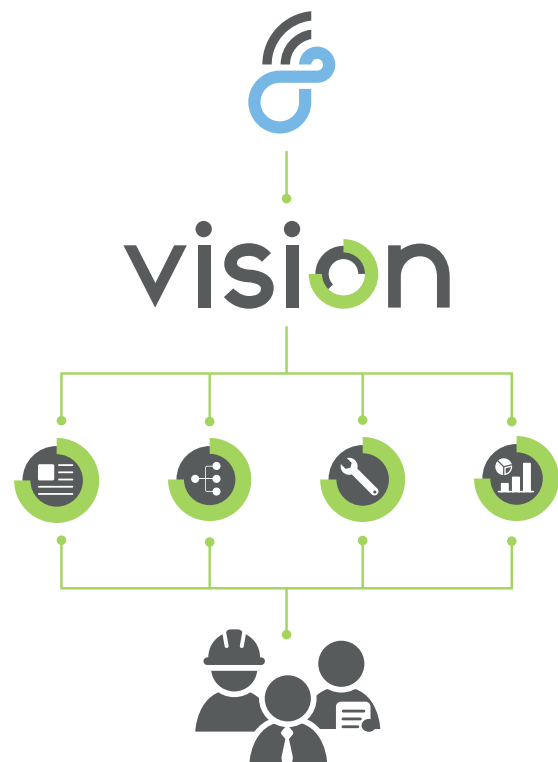
Vision has a modular structure based on plug-ins (*My tickets, Docs, Reports, Inventory* etc.), which can be added to increase its functionality. This gives the user the ability to customize the platform according to their needs.

This modular structure allows for easy management and customization of Vision and becomes suitable for different role players who are responsible for their assets: O&M's, EPC's, asset managers and shareholders.

The software is made intuitive by its clear and customizable graphic interface.

In addition to monitoring the data and alarms of a single system (functions and features of Higecco Cloud),

Vision guarantees complete access to information of the whole portfolio and is compatible with any third-party dataloggers already present in the system.



FEATURES	ADVANTAGES
BUILT ON HIGECO CLOUD	A robust and reliable monitoring platform
MODULAR STRUCTURE	Possibility of growth according to customer needs
AUTOMATIC DATA AGGREGATION	Immediate comparison between different plants
USER DEFINED AND CUSTOMIZABLE KPIs	Create and edit contractual KPIs, PR & availability
EVOLVED GRAPHICS	Intuitive and modern, easy access to information
COMPATIBLE WITH THIRD-PARTY DATALOGGER	No need for hardware replacements
A SINGLE PORTAL FOR MULTIPLE SYSTEMS	Simplified management of the entire portfolio



## Built on Higeeco Cloud

Vision is built on the Higeeco Cloud monitoring platform, inheriting the following features:

- web-based platform;
- real time data and alarms;
- remote monitoring & control capabilities;
- data export;
- data integrity (when used in conjunction with a Higeeco datalogger);
- user management;
- iPage and White Label.

Further details regarding Higeeco Cloud are available in the related information datasheet.



## Modular structure

With its modular structure, packages can be added to Vision to enhance its features. This allows for flexibility and affordability since only the necessary functions need to be activated. Each user can customize the platform according to their needs, keeping up to date with the latest software features. It is not the customer who adapts to Vision, but Vision that adapts to each customer.



## Compatible with third-party datalogger

Vision is compatible with third-party dataloggers and does not involve replacement costs if there are dataloggers already present. Data exchange is possible thanks to the appropriate software connectors.



## User defined and customizable KPIs

Vision allows the creation of an infinite number of user defined KPIs (Key Performance Indicators). This is guaranteed by the universal Java Script programming language incorporated in Vision.

To simplify the creation of new KPIs, the software makes use of Blockly, a visual programming system used by Google that allows the use of an editor to build KPI's by logically linking the different functional blocks.



## Automatic data aggregation

The RAW data recorded in real time by the monitoring devices are automatically processed by Vision in order to create aggregated data. This data is the result of an average of the quantities recorded every 15 minutes, every hour, every day, every month and every year. The aggregated data is processed and sorted to allow a direct comparison between the different plants.



## Evolved graphics

Vision presents an intuitive and customizable graphics interface based on iPage. The appearance of the platform is graphically appealing and thanks to its flexibility can be adapted to any need.

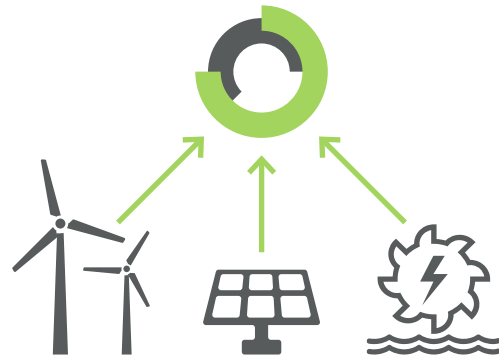




## A single portal for multiple systems

Vision allows the management of assets of renewable mixed portfolios such as photovoltaic, wind farms and hydroelectric power plants.

In this way the various assets are made accessible from the platform with a single information panel that manages multiple systems simultaneously, thus facilitating control and comparison.



Features	Higeco Cloud	Vision
Real time monitoring	x	x
Data integrity (when used in conjunction with a Higeco datalogger)	x	x
Remote monitoring & control	x	x
Alarm management	x	x
Data export (graphs, tables, Microsoft® Excel and CSV files)	x	x
Direct comparison between the various quantities recorded		x
Automatic data aggregation		x
Infinite user customizable KPIs		x
iPage editor	x	x
White Label	x	x
Evolved graphics		x
Compatible with third-party datalogger		x
User role & permission management	x	x
Modular structure that enables new features		x
Responsive interface, including a mobile app	x	x
A single portal for multiple systems		x
Plant/SPV registry		<i>Docs</i>
Device and material management		<i>Inventory</i>
Ticket		<i>My ticket</i>
Customizable reports		<i>Report</i>