SOFTWARE TO CONFIGURE AND MONITOR SELF-CONSUMPTION SYSTEMS

The INGECON® SUN EMS Tools software is the PC application for the monitoring and configuration of self-consumption systems governed by the INGECON® SUN EMS Board.

This tool seeks to offer users a software close to the Plug & Play philosophy: a very simple, intuitive interface with regard to installation and operation.

This program can be downloaded free of charge from our website: **www.ingeteam.com.** Compatible with 32 and 64 bit configurations, the software requires the Microsoft .NET Framework 4.1 platform (normally included as part of the operating system) and Windows 7 or higher.

Operating modes

- **On-line mode:** a direct connection is established with the INGECON® SUN EMS Board device with all functionalities available to the user. Communication with the INGECON® SUN EMS Board can either be made remotely through the Ingeteam servers or directly by TCP / IP using the device IP address.

- **Off-line mode:** users can view the parameters configured and the historical data previously downloaded.
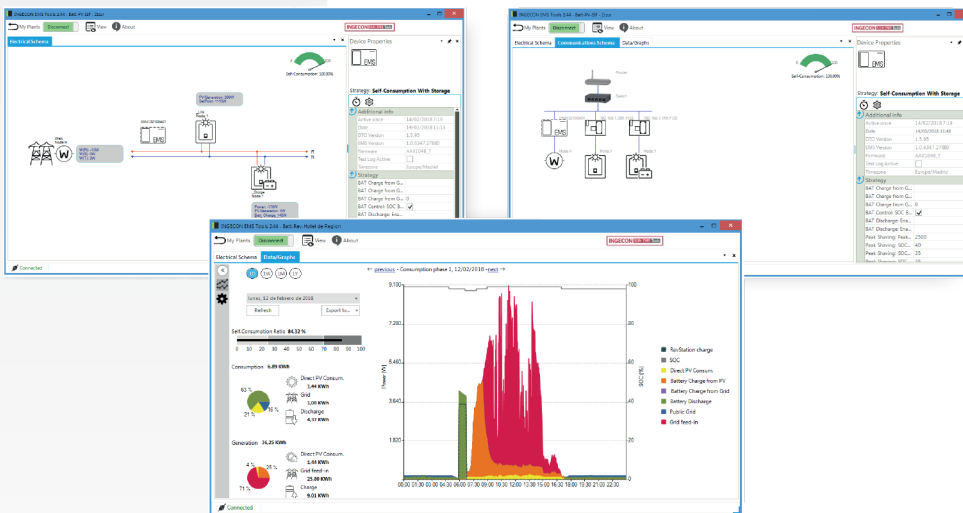

THE SOFTWARE ALLOWS USERS TO

- Configure the INGECON® SUN EMS Board
- Individually configure each PV plant inverter and other devices.
- View the plant wiring diagrams and communications network.
- View the production data.
- Start-up and manage the various PV plants from a PC.
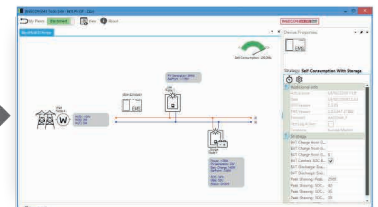- Data capture, save a file to the disc and get a graphic display of the historical data.

Configuration of the system in 3 simple steps
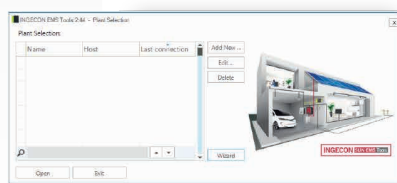
Step 1
Installation of the software
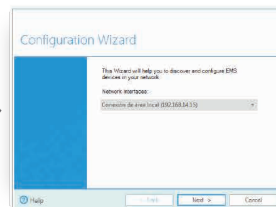
Step 2
Configuration of the INGECON® SUN EMS Board

Step 3
Plant configuration and start-up

The fast and easy-to-use monitoring solution

Smartphone application to monitor every self-consumption system

The EMS Tools application is already available to monitor self-consumption systems for iOS and Android smartphone users.

Real time information
Thanks to this application, users can have immediate access to all the data regarding energy generation and consumption. For instance, the user can see real-time graphics showing the percentage of energy consumed from the grid and from the solar modules.

Accessible data
The application stores all the data and allows for accessing this information related to any day from the past.

Maximise your savings
The app also provides with information about the accumulated money savings on the electricity bill. The user can know how much he/she is saving and calculate the estimated return on investment for his/her self-consumption system.