OCPP to Modbus TPC&RTU Gateway

Integrate Electric Vehicles Charging points based on OCPP 1.6 with any Modbus RTU or TCP controller. The aim of this integration is to make accessible basic operations of the Charging points from a Modbus PLC, making the BMS the Central System of the EV charging operation.
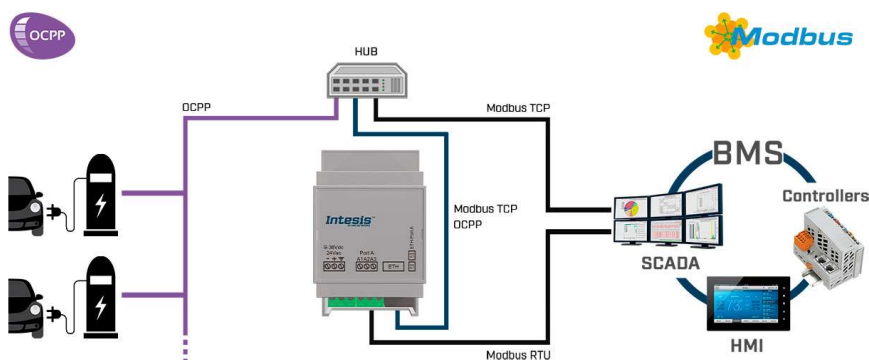
FEATURES

Support for OCPP 1.6 JSON
Support for Modbus RTU and TCP
Flexible Modbus configuration (Baudrate, Data type)
OCPP Scan to search Chargers in the network
Fix Modbus register map
OCPP operations supported:
Authorize, RemoteStart/Stop Transaction, Start/StopTransaction, Local list management,
HeartBeat and MeterValues
Reduced dimensions, compact housing
UL certified

Use Case
Integration of OCPP EV Charging points into a Modbus installation.

Description

This bidirectional gateway provides a straightforward and fast integration thanks to its unique onboard features.

Thanks to its support for the OCPP 1.6 standard and its basic operations, it guarantees a seamless integration with any standard Modbus PLC or controller.

The configuration is carried out using the Intesis MAPS software. Which allows you to define your own settings for the device. Also, it will be able to download all the available project templates or to import any created/exported project template on your computer.

Technical Documentation

User Manual	General information about this product	Download

Installation Manual	Learn how to install the device in your project	Download
Datasheet	Find all the specifications around this product	Download
Configuration Manual	Step by step configuration for easy integration into any Modbus controller	Download
EC Declaration of Conformity	Check the product certification	Download
KC Certification	Check the product certification KC Certification	Download

Programming Tools

Intesis MAPS	Configuration software tool	Download
User Manual for Modbus	General information about Intesis MAPS for Modbus projects	Download

Commercial Documentation

Intesis Brochure	Know more about the Intesis current available products	Download

ORDER CODE:

INMBSOCP0010100	Gateway to connect OCPP1.6 devices in Modbus RTU&TCP networks - 1 charger with 7 connectors
INMBSOCP0200100	Gateway to connect OCPP1.6 devices in Modbus RTU&TCP networks - Up to 20 charger with 7 connectors each

INCLUDED COMPONENTS:
Intesis Gateway.
Installation Manual.
(Power supply not included).

Warranty: 36 months.