

## Products and solutions dedicated to Parking areas



Still talking about Electric Charging Points is an understatement today, it would be like talking about fuel dispensers instead of talking about Service Stations, a station, the service station for the fossil fuel supply that we all know where the poor "dispenser" has a marginal function.

In the same way we have to see today the Electric Supply, a Charging Station, rich in functions and services, from the multimedia identification and management of payments up to the Power Management of the entire station. A complete Service Station for Electricity Refueling, connected to various business and / or supervision software applications, possibly connected to an IOT (InternetOf Things) network.



## PRODUCTS

Cover Box is a fully configurable vehicle charging point made up of a set of 3 elements: Base, Front plate and installation support. It can be used as a Wallbox with a simple installation a

wall but also as a column if installed on the special support fixed to the ground.

The base, containing all the power and control electronics of Cover Box, is available with standard sockets (Type2 or Type 3A) and in power cuts from 3.5 to 22 Kwh. This makes the device suitable for both home and business settings. From the small charging point to the public and private car park, cover box is always the ideal solution.

The front plate and the column installation support can be customized with colors and prints at the customer's request. With all these graphic solutions it is possible to insert Cover Boxes in your catalog as if it were a proprietary product.

## COVER BOX

*Easy to install and fully configurable*



## PRODUCTS

## COVER BOX

*WallBox and all in one column*

### COMPOSITION

#### Base



*3A type socket  
MAX 16A - 3.5KW*



*Type 2 socket  
MAX 32A - 22KW*

#### Front plate



*Customizable colors, graphics and finish*

#### Supports



*Brackets for mounting to column  
graphics and customizable colors*

### Features:

- Available power cuts from 3.5KWh to 22KWh
- Available with 3A and Type2 sockets
- Wired version with 3mt cable available
- Customizable front plate material
- Customizable media graphics
- Compatible with the Master Charge device
- Compliant with EN 61851-1 standard
- Quick and easy installation

## PRODUCTS

# MASTER CHARGE

Full Adaptive solution for EV Charge Station in Parking Areas

This will be the future in the design of Charging Stations, the Charging Points will therefore be increasingly cheaper, sufficiently intelligent and totally controlled by a "Station Intelligence", a configuration similar to that of the petrol stations that we all know. .



A Master Charge unit therefore, a Station intelligence, capable of controlling each Charging Point (Columns and WallBoxes installed) according to the requested service. An effective response to the functional needs for which the station was designed. The widespread distribution of the recharging points in fact offers ever-changing installation scenarios: from domestic to corporate workstations, from workstations in parking areas (public and private) to hotels or parking areas generally present near places of public interest.

## Software Plug-in



Power Management Software



Park Cash Interface

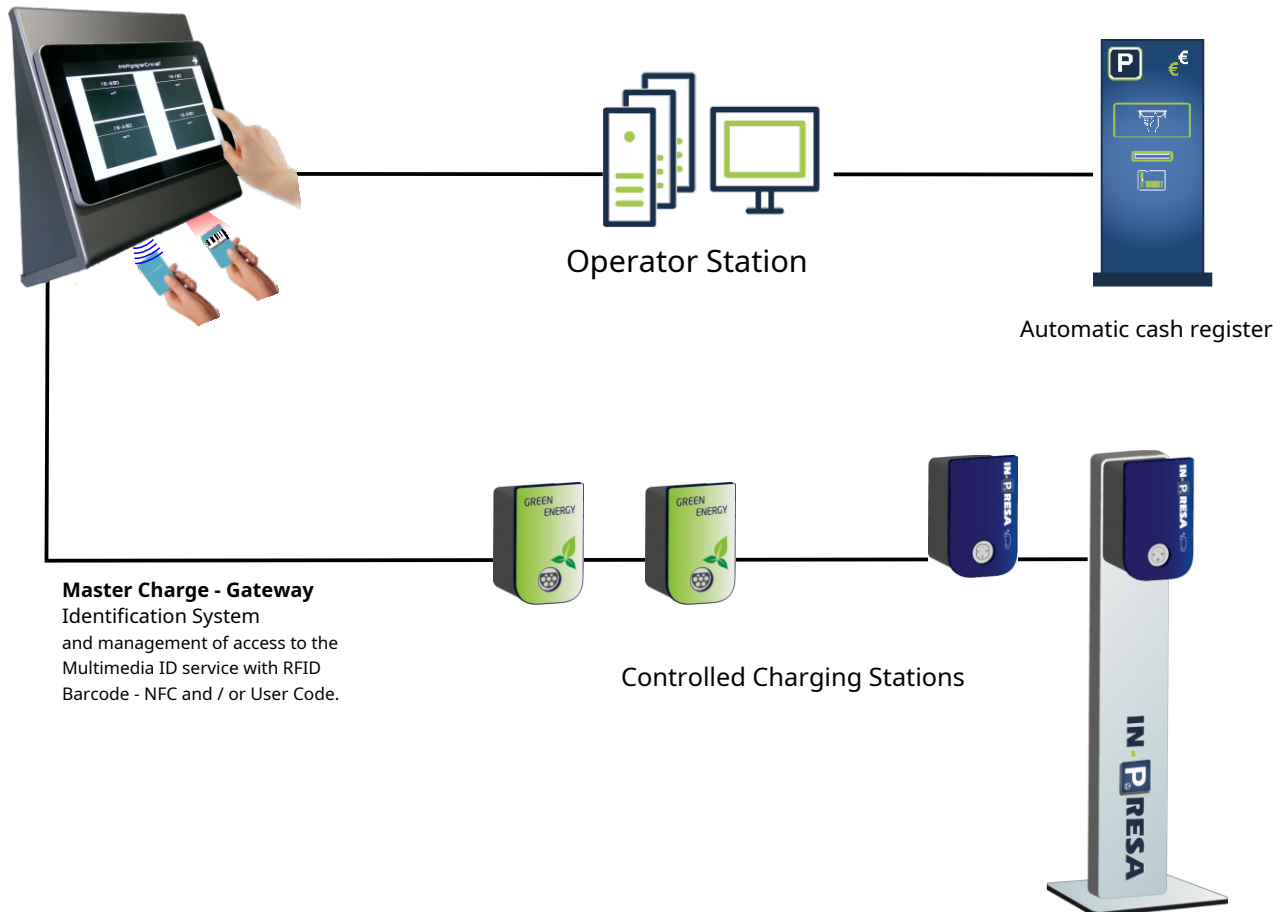


Car to Grid Communication



## SOLUTIONS

## GATEWAY MODE



It is a solution developed for the control and management of a large number of charging points (PDR) in the station. On the one hand, the Master Charge is able to manage the user requesting access to the recharge by verifying the credentials by reading the authorization code (fidelity card, RFID or Bar Code, NFC on SmartPhone, User Code ... and other) on the other hand it deals with the management of the Charging Points connected with a timely check of times and consumption and, thanks to PowerManagement, it carries out a dynamic management of the distribution of the energy supplied to each single charging point.

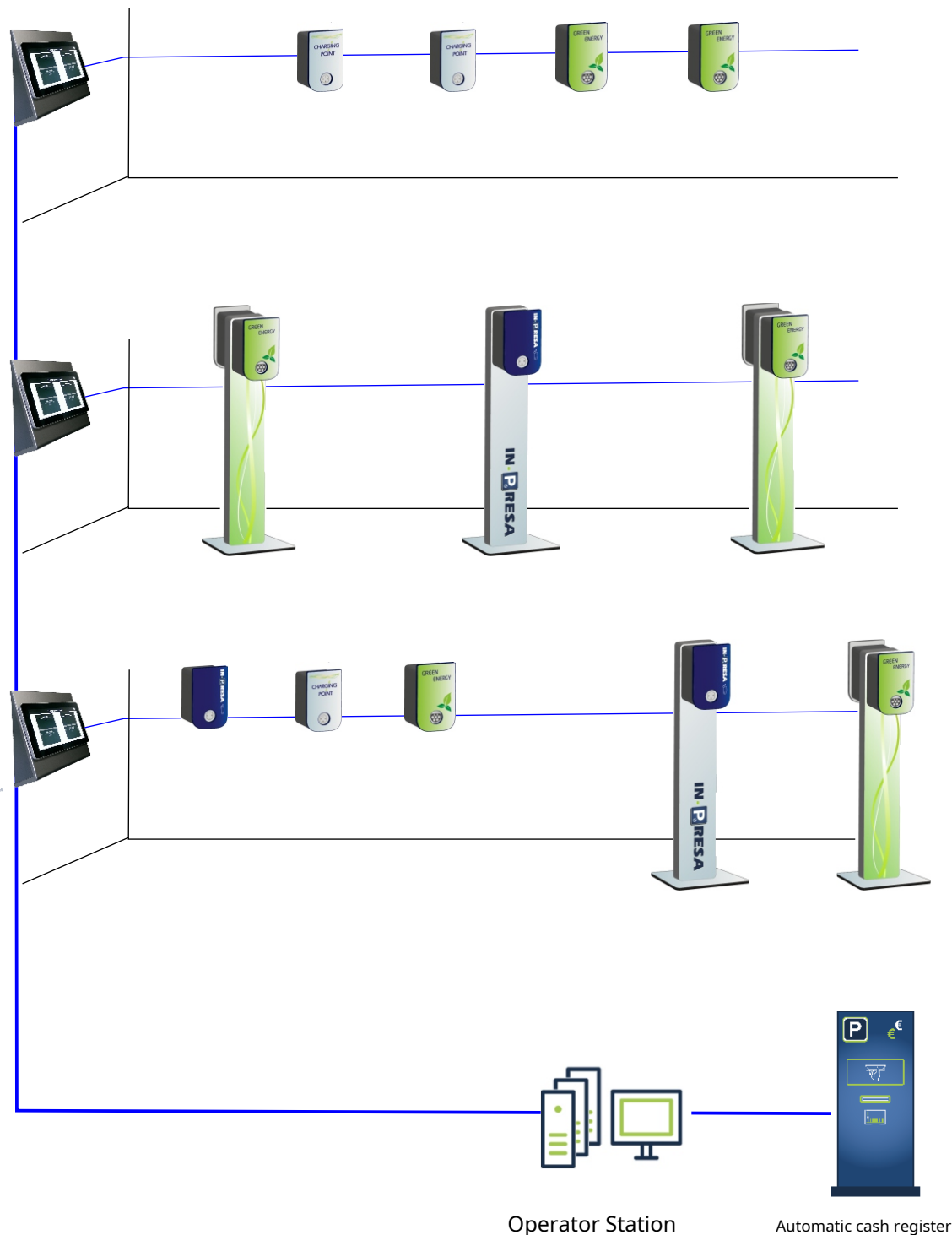
Each of these can control up to 20 connected sockets (on WallBox or Columns of various manufacturers) and is equipped with an Ethernet interface for connection to an Operator Station or to Automatic Cashiers for the payment of the service, provided for final payment methods or scaled on prepaid amount.

The Station configured with Master Charge will therefore be easily adaptable to any mode or management system of the charging service, a practically infinite variety of identification methods combined with the various management functions, which can be activated through the simple installation of specific Plug-in Software.

## SOLUTIONS

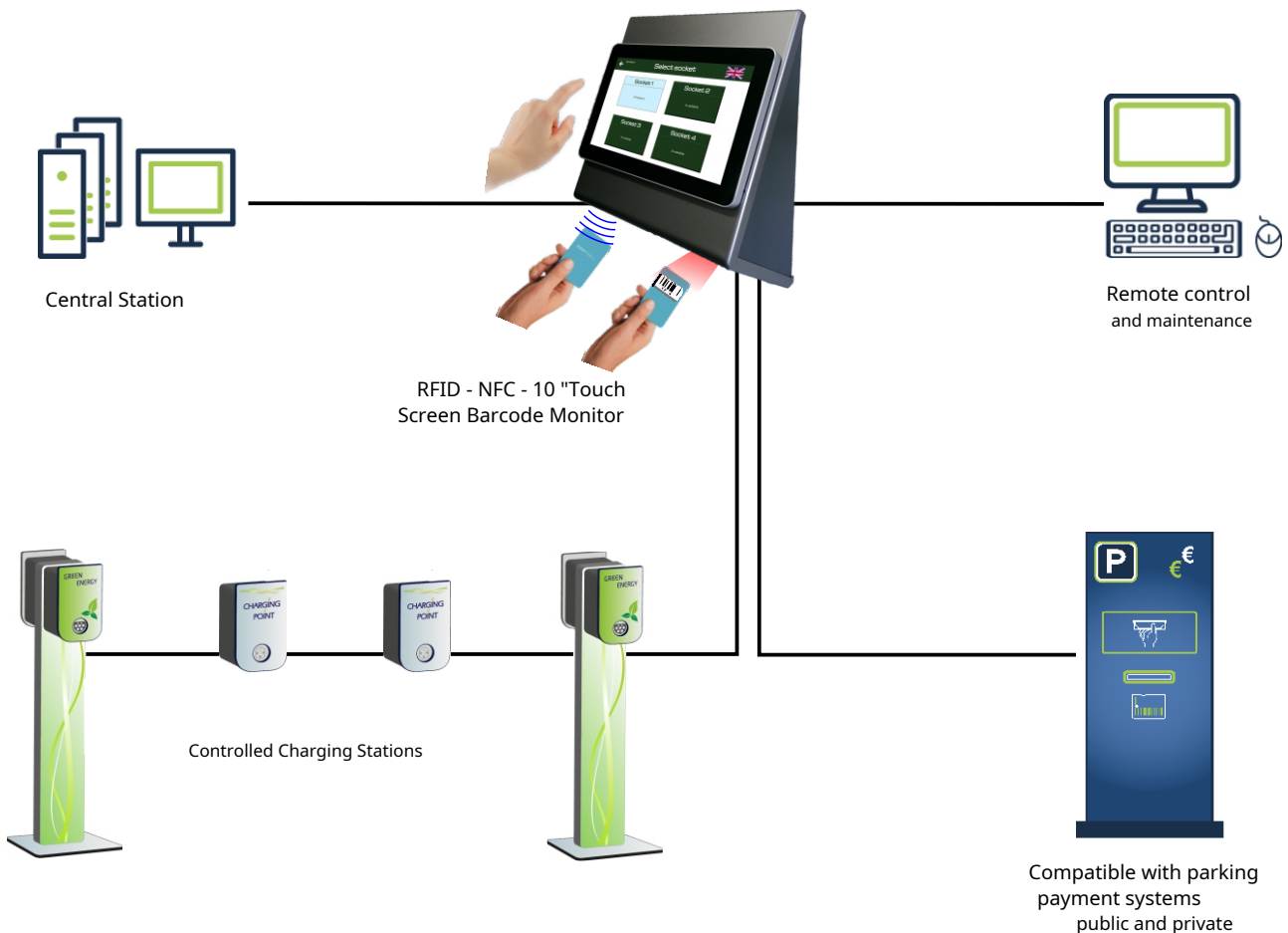
## MULTIFLOOR PARK

The Station configured with Master Charge can manage the charging points even in a multi-storey car park where all the PDRs of a single floor are managed by a Master Charge device. Each of these via the TCP / IP network is connected to the parking payment system and to an operator station for monitoring the entire system.



## SOLUTIONS

## MULTIPOINT MASTER



Master Charge, certified OCPP (Open Charge Point Protocol, a world standard for the network connection of electric vehicle charging stations), is able to manage charging stations from different manufacturers while maintaining the same connectivity, control and service management functions. inside the parking lot. In addition to the Cover Box, all manufacturers that adopt In-Presa logic are already certified for operation with Material Charge:

- **SCAME** entire range (Columns and WallBoxes)
- **ABB** entire range (Columns and WallBoxes)
- **REPOWER** entire range (Columns and WallBoxes)

The Master Charge platform is open to the connection of PDRs from other manufacturers, as long as standard communication protocols are available on the market. It is also possible to connect PDRs equipped with different or proprietary protocols after adequate feasibility check.