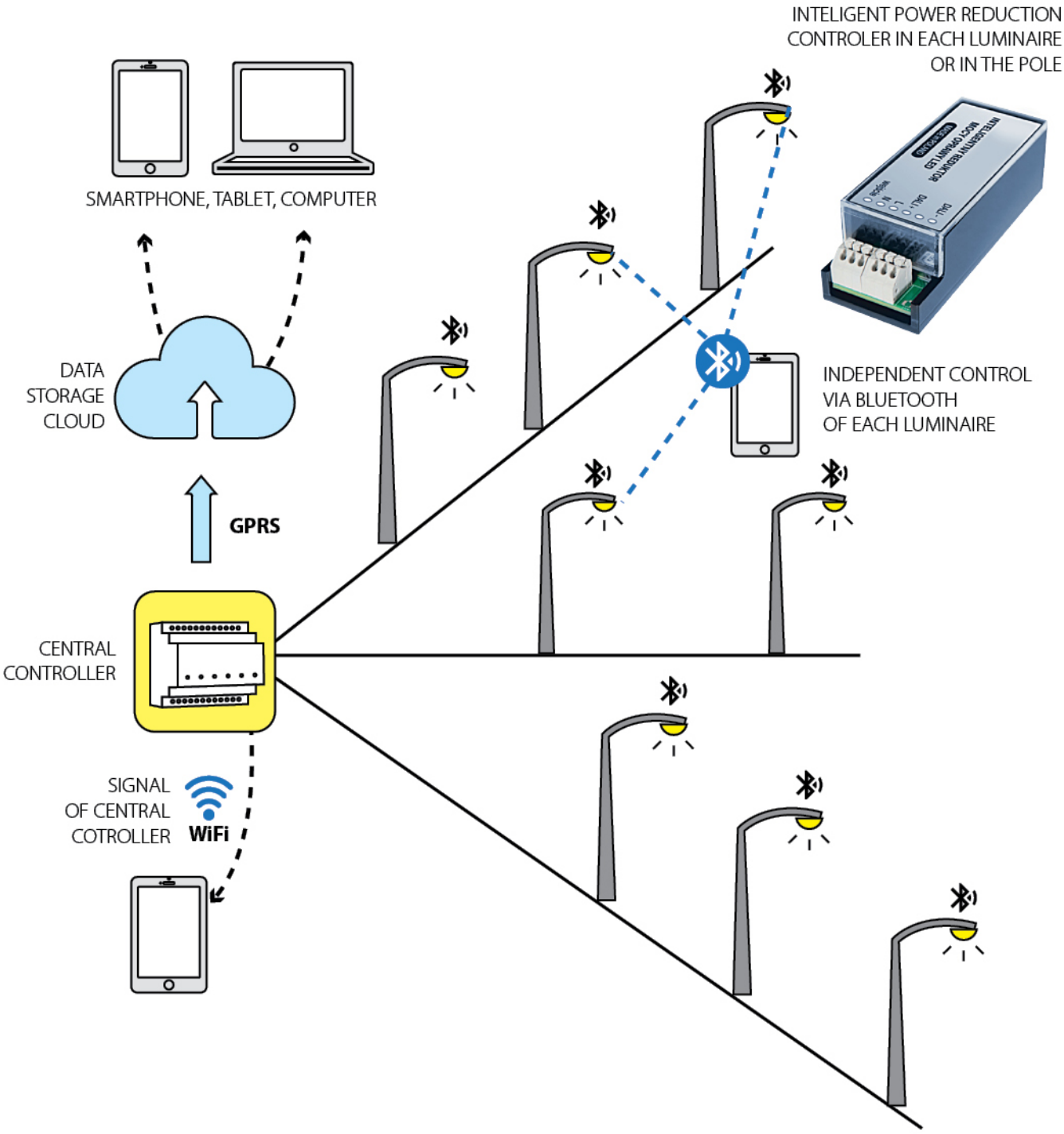
ASO COTROL SYSTEM

SPECIFICATION

- the lighting controller is mounted directly on a DIN rail and has outputs for three independently controlled lighting circuits
- each circuit can be controlled independently of the controller mounted in the cabinet
- each luminaire on a given circuit is equipped with a controller to receive a signal from the controller in cabinet and additionally can be individually controlled via bluetooth and an application on a smartphone or tablet
- the controller can be equipped with a GPS calculating and optimizing the control time of lighting
- additionally, it is equipped with a precise real time clock and the function of time synchronization with the phone's GPS, this solution guarantees switching on and off the lighting according to the daily and changing cycle seasons, which translates into significant savings in energy



ADVANTAGES

Cotroller configuration is done using a free applications for mobile devices.

System advantages:

- full control and management via smartphone or tablet using a free dedicated application
- modern and intuitive application interface facilitating configuration
- encrypted Bluetooth communication
- calculation of the setting correction for a lighting place
- automatic settings for summer and winter time
- independent programming of the output for lighting control
- additional identification of up to 20 unique behaviors related to holidays / celebrations
- three correction modes: summer / winter, quarter, months
- service activations for 1, 10, 30 minutes or permanently
- logs for the last 600 events (each activation / deactivation all outputs as well as switching on and off related to blackouts)
- cooperation with a photocell

TECHNICAL PARAMETERS

- power supply 230V/AC/50Hz
- power voltage range from -20% up to 10%
- each of the 2 or 3 outputs independently programmable and controlled with the possibility load of 5A/230V AC
- mechanical parameters of the connectors contact /elevator cable 2,5 mm²/AWG14
- comunication interface via Bluettoth
- bidirectional coded transmition
- ingress protection IP20
- working temperature from -30 °C to 80 °C

SENSOR PIR

SPECIFICATION

Traditional motion sensor PIR responsive to changes in infrared radiation in the space covered by the action, used for motion and presence control.

- the luminaire is switched on when motion is detected and shines with full luminous flux
- in standby mode the luminaire shines with a luminous flux limited to do 10% of the nominal value or to the value set during assembly the sensor in the luminaire. When motion is detected luminous flux is increasing to full 100%

MOTION DETECTION