



GATEWAY ON-LINE connectivity

The **OMNITEC** Gateway converts Bluetooth electronic locks and Bluetooth access controls into online devices.

operation

The online **OMNITEC** system operates by double connectivity: Bluetooth and **WiFi / PoE / 4G**.

Devices → Administrator

Electronic locks and access controls send the information via Bluetooth to the Gateway. The Gateway, through a network with internet connection, sends all the information received to the server to make it available for the administrator.

Administrator → Devices

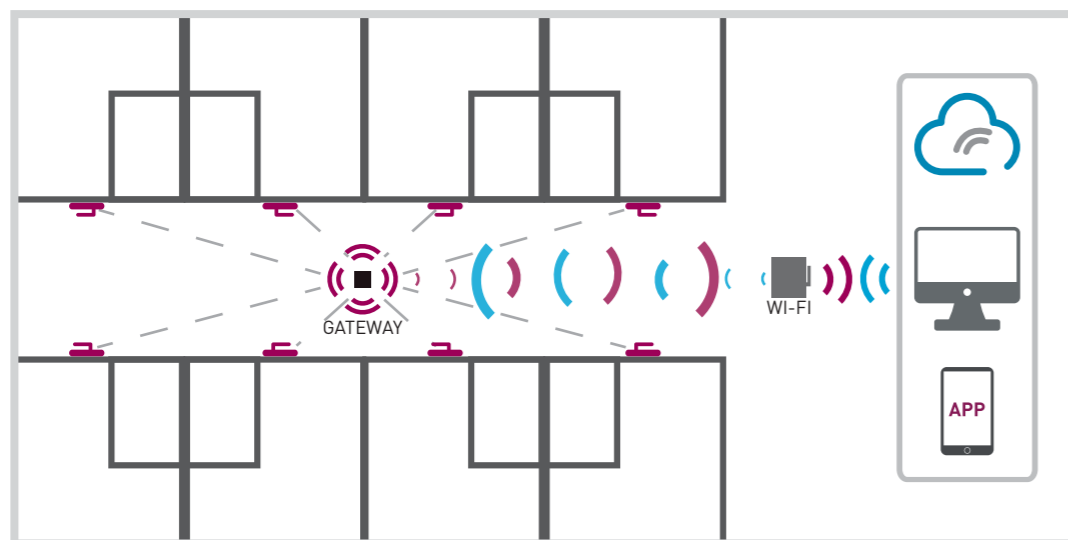
The online functions the administrator executes remotely from their PC or Smartphone are transmitted from the server to the Gateway via Wi-Fi, and channelled via Bluetooth to the locks, access controls and safes.

When the administrator Smartphone and the lock or access control to be managed are within the Bluetooth range, they communicate directly via Bluetooth and transmit the information without using the Gateway or Wi-Fi.


To implement an online system, a Wi-Fi network, locks, access controls and/or safes with Bluetooth connectivity from **OMNITEC** are essential.

on-line functions

- Audit trail
- Remote opening from Front-Desk or via administrator smartphone
- Battery level control
- Access credential management
- Date / Time update



GATEWAY WiFi




With an online connection via Wi-Fi, the locks and access controls transfer the recorded events to the Cloud, through the Gateway, and devices can be managed remotely.

features

- Bluetooth range: up to 10m
- Network: 2.4G Wi-Fi
- IEEE standard: 802.11 b/g/n
- Connection: USB Type C
- Power: 5V/500mA DC
- Dimensions: 70 x 104 x 18 mm

GATEWAY PoE



The Gateway PoE shares all the functions and operational ability of the Gateway WiFi. In this model there is a different method of connection with the router, which connects via a RJ45 cable.


The cable provides network connection and electric power to the gateway, allowing simpler and stabler installations.

Requires the router/server to be PoE in order to supply power to the gateway.

features

- Bluetooth range: up to 10m
- Network: Ethernet-RJ45
- Connection: USB Type C
- Power: 5V/500mA DC
- Dimensions: 70 x 70 x 26 mm

GATEWAY 4G



Designed for premises in remote areas without a router/server connection. The 4G Gateway uses a SIM card to communicate with a server via 4G connection to send all the information from locks in real time.

features

- Bluetooth range: up to 10m
- Network: 4G
- Connection: Micro USB
- Power: 5V/500mA DC
- Dimensions: 110 x 110 x 36 mm