

# LoRaWAN communication

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# COMBOX

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- Simplified installation
- Battery powered or external power
- Long Range / Very low energy consumption
- Long battery life
- Standard LoRaWAN communication
- Pulse sensor, State sensor, Temperature sensor, Analog gateway, Modbus gateway, Activation gateway
- Over the air (OTA) configuration

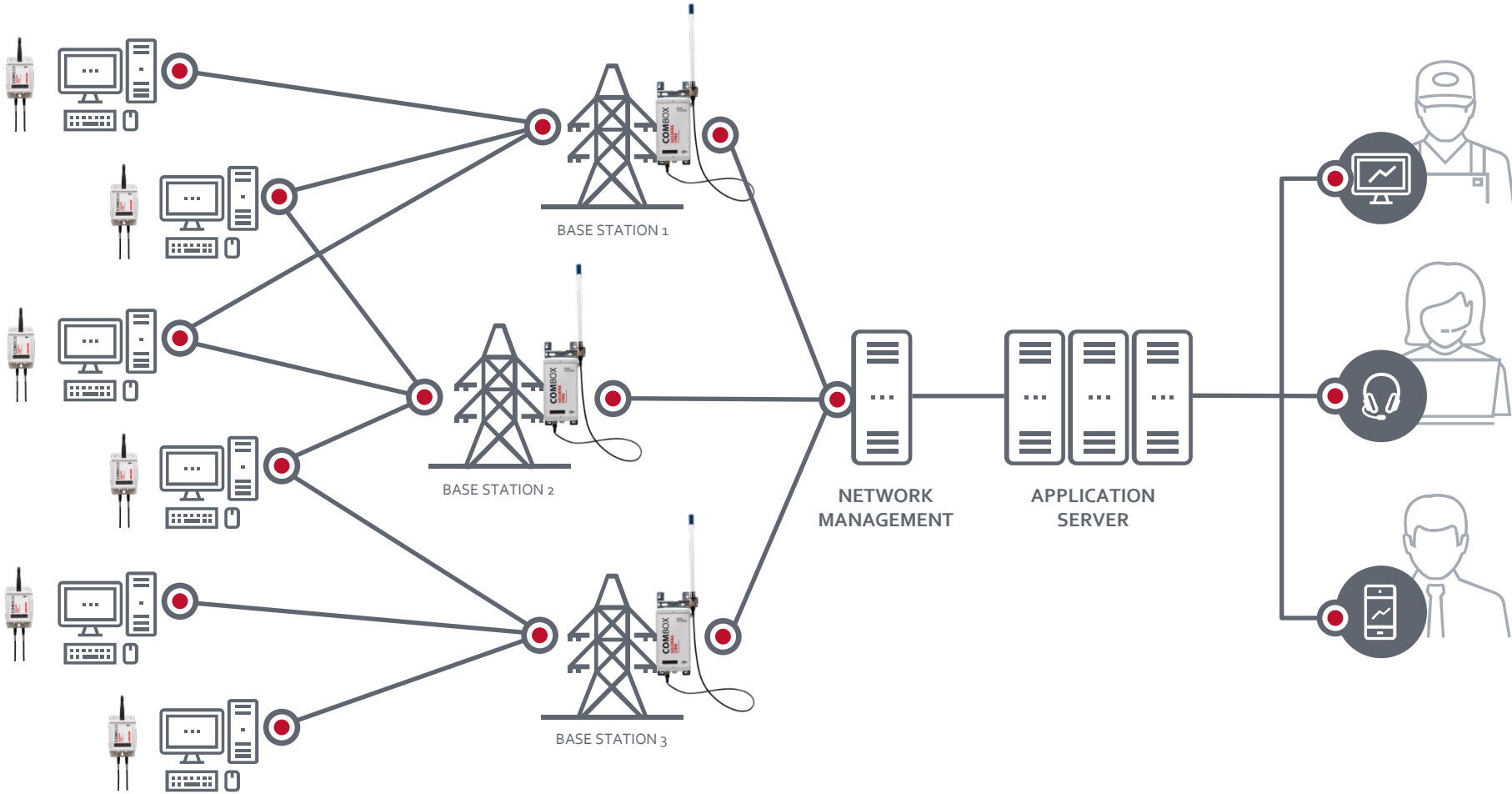


# LoRaWAN – What is it ?

LoRaWAN - Low Power Wide Area Network (LPWAN) is a low power, wide area network with safe two-way data communication.

Range	2-5 km in urban and 15 km sub-urban/rural areas
Frequency range	ISM range 868 MHz, 915 MHz, 920 MHz
Standard	IEEE 802.15.4g
Modulation	Spread spectrum modulation
Capacity	One node for thousands of end nodes.
Battery	Long battery life > 10 years

# LoRaWAN – Osnovna arhitektura



More about LoRaWAN : [www.lora-alliance.org](http://www.lora-alliance.org)

# Thank you!

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