



LoRaWAN™ for Sontex devices



The Internet of Things (IoT) has long been a reality for Sontex customers. Today, the promising LoRaWAN™ technology is also available for our devices.

LoRaWAN™ is an IoT communication protocol that allows long range, bidirectional communication at low cost and low power consumption. The consumption data are thus always available and can be transmitted securely thanks to end-to-end encryption.

Sontex not only offers LoRaWAN™ enabled devices but also supports its customers during commissioning and in the choice of the right partner for setting up the network.



Cost-effective
Fewer gateways, lower costs.



Available
Data is available everywhere and at any time.



Long range
Stable radio link over several kilometres.



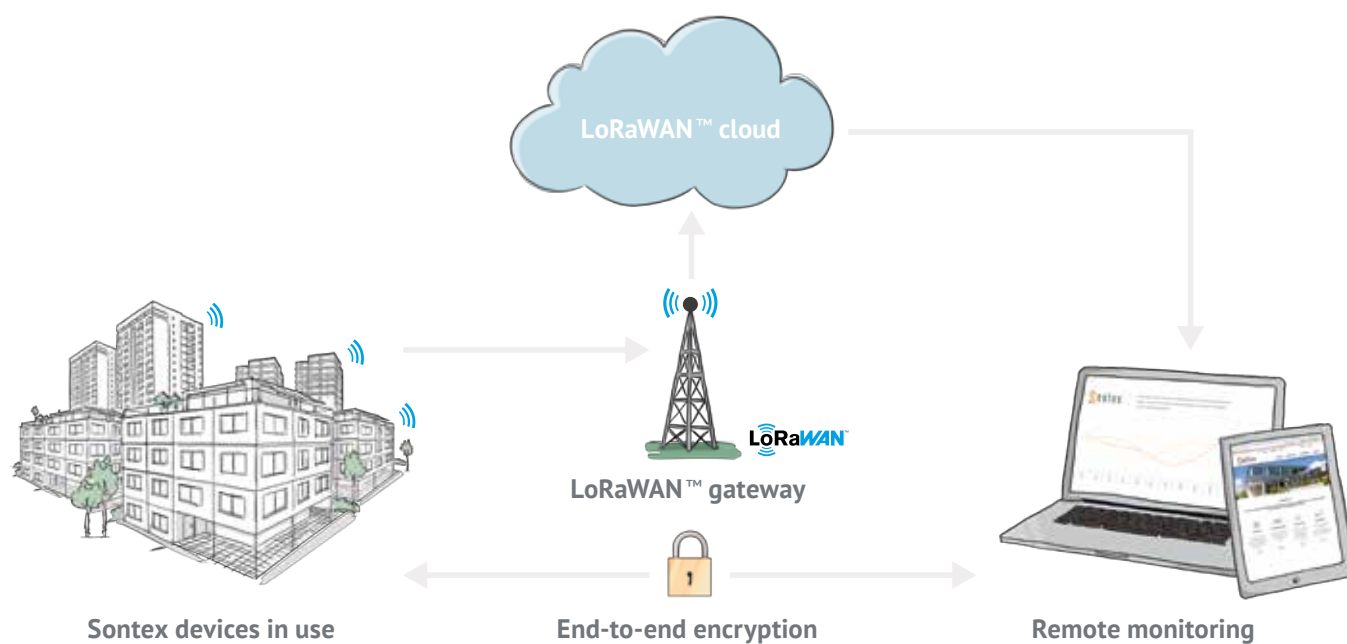
Secure
Offers secure end-to-end encryption.



Versatile
Supports supplementary services such as monitoring.



The LoRaWAN™ solution



Specifications

LoRaWAN	Region	EU 868
	Specification	1.0.3
	Operating class	A
	Activation	OTAA (Over The Air Activation) or ABP (Activation By Personalization)
LoRa	Modulation	LoRa
	Bandwidth	125 kHz
	Data rate	DR0 to DR5
	Bit rate	0.3 to 5 kbps
	Operating cycle	< 1%
	Tx power	14 dBm
	Range	Over several kilometres