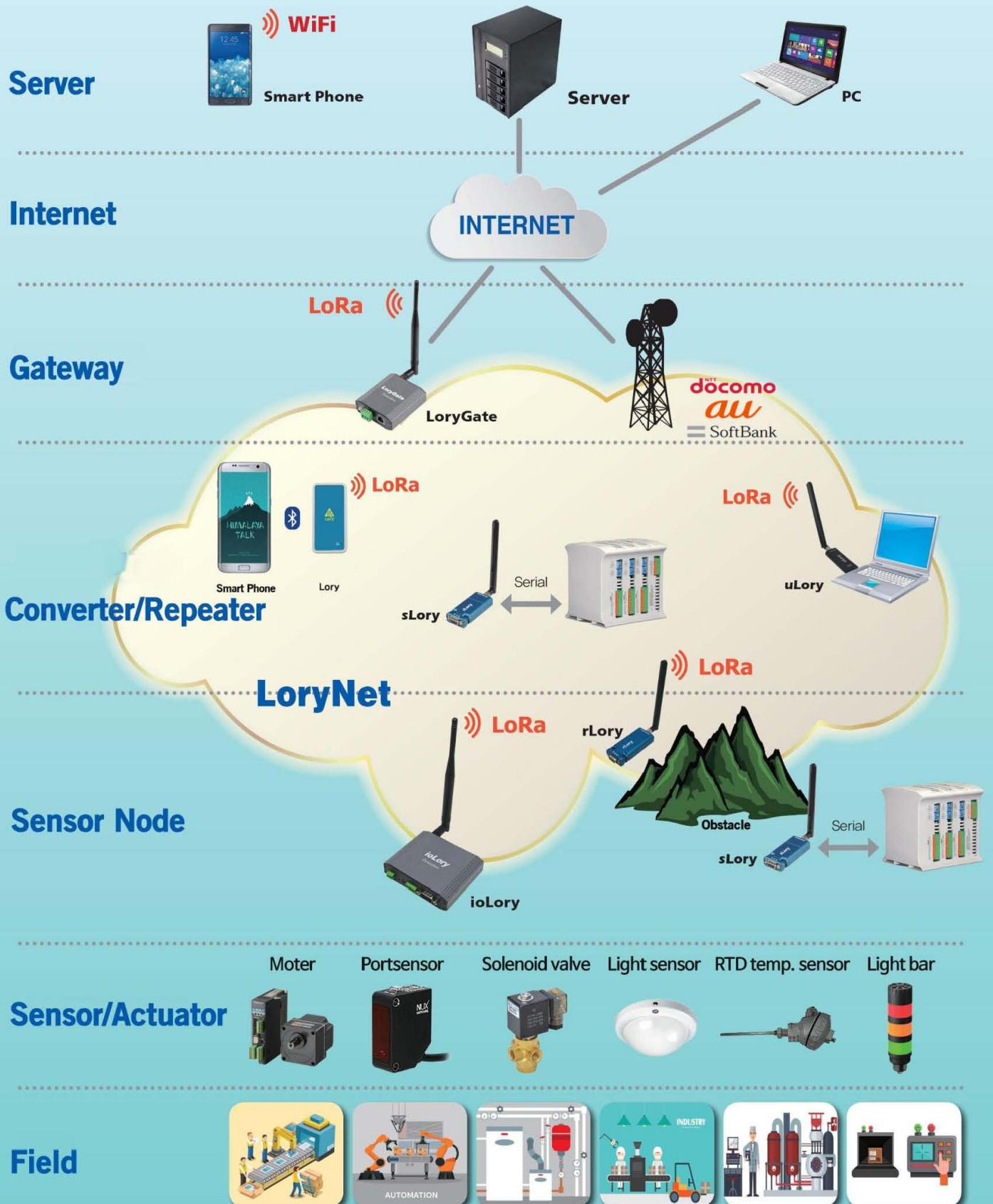


Smart Factory - LoryNet[®]

Make your factory smart with LoRa !



Make your factory smart with LoRa!

Smart Factory LoryNet[®]

ioLory

LoRa to I/O sensor node



- RS232, RS485, DI, DO, Relay, ADC2ch interface
- provide Easy-to-Configure Serial over IP (COM Port Redirector)
- able to communicate 10km distance in open area

LoryGate

LoRa to WAN Gateway



- 10/100Mbps RJ45 Ethernet Port
- RS232/422/485 interface
- Modbus/TCP, MQTT protocol
- Serial over IP ComRedirector
- able to communicate 10km distance in open area

uLory

LoRa to USB Converter



- connect LoRa communication to PC
- USB 2.0 interface
- able to communicate 10km distance in open area

sLory

LoRa to Serial Converter



- Serial communication to LoRa communication
- RS232/422/485 interface
- max. communication speed 115.2Kbps
- able to communicate 10km distance in open area

rLory

LoRa Repeater



- LoRa to LoRa repeater
- obstructions bypass feature
- provide RS232 setup port
- retransmission etc. various setting
- able to communicate 10km distance in open area

Lory

LoRa to BLE Converter



- Bluetooth(BLE) to LoRa[®] Converter
- Li-polymer battery
- send messages and locations where no mobile services
- send emergency signal, GPS location and text to Lory[®] via HimalayaTalk[®]
- able to communicate 10km distance in open area

Lory2

LoRa to BLE Converter



- Bluetooth(BLE) to LoRa[®] Converter
- Li-polymer battery with Solar Panel
- send messages and locations where no mobile services
- Voice to Text Converter

LPWA比較	LoRa	ZigBee	WISUN	HaLow	Sigfox
距離	100~10km	100m	1km	1km	3~10km 30~50km
速度	980~110kbps	20k~250kbps	50k~400kbps	~150kbps	~100bps
電力	0.001mA 20mA 通信中				
団体	LoRa alliance	ZigBee alliance	WISUN alliance	WiFi alliance	
特徴			日本のみ	規格策定中	仕様開示無し