

A faded, high-angle photograph of a printed circuit board (PCB) with various components, serving as a background for the text.

# Zolertia, a quick overview

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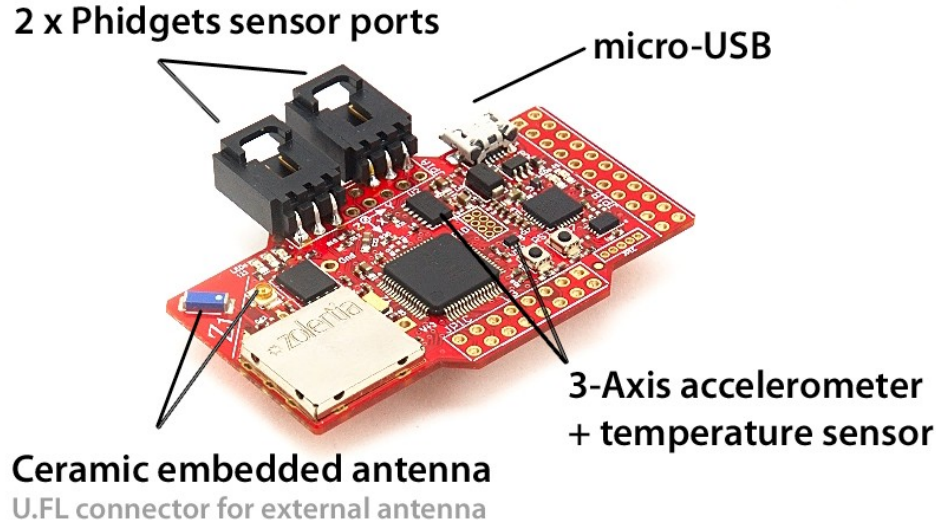
## Who are we?

Zolertia is a company focused on bringing to you the most advanced Wireless Sensor Networks Platforms to help you develop products and applications in a faster, easier and more flexible way.

With an strong background in the electronics, embedded and software industry our team is committed to bring innovation to the European WSN industry.

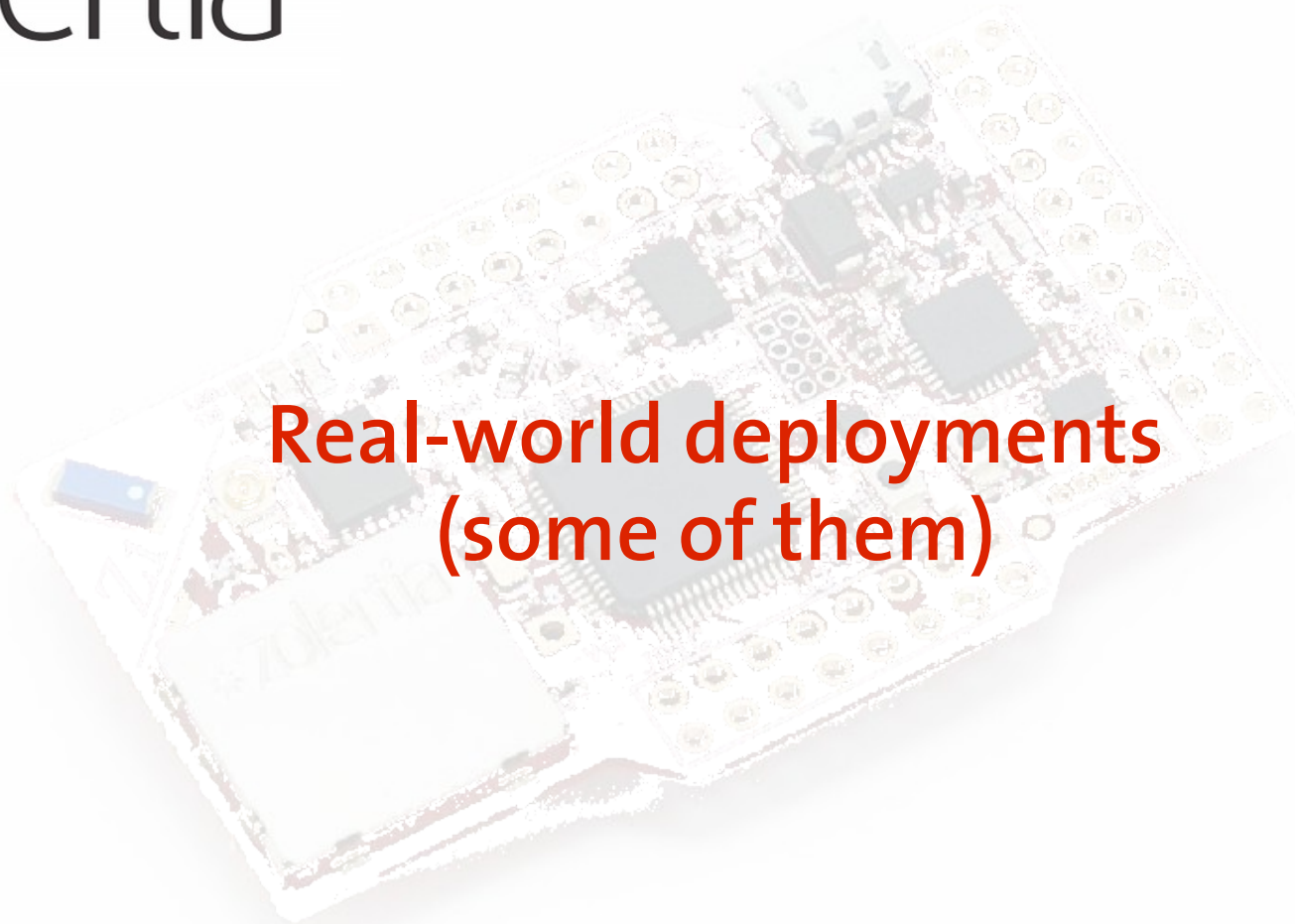


# Our flagship product: Z1 mote

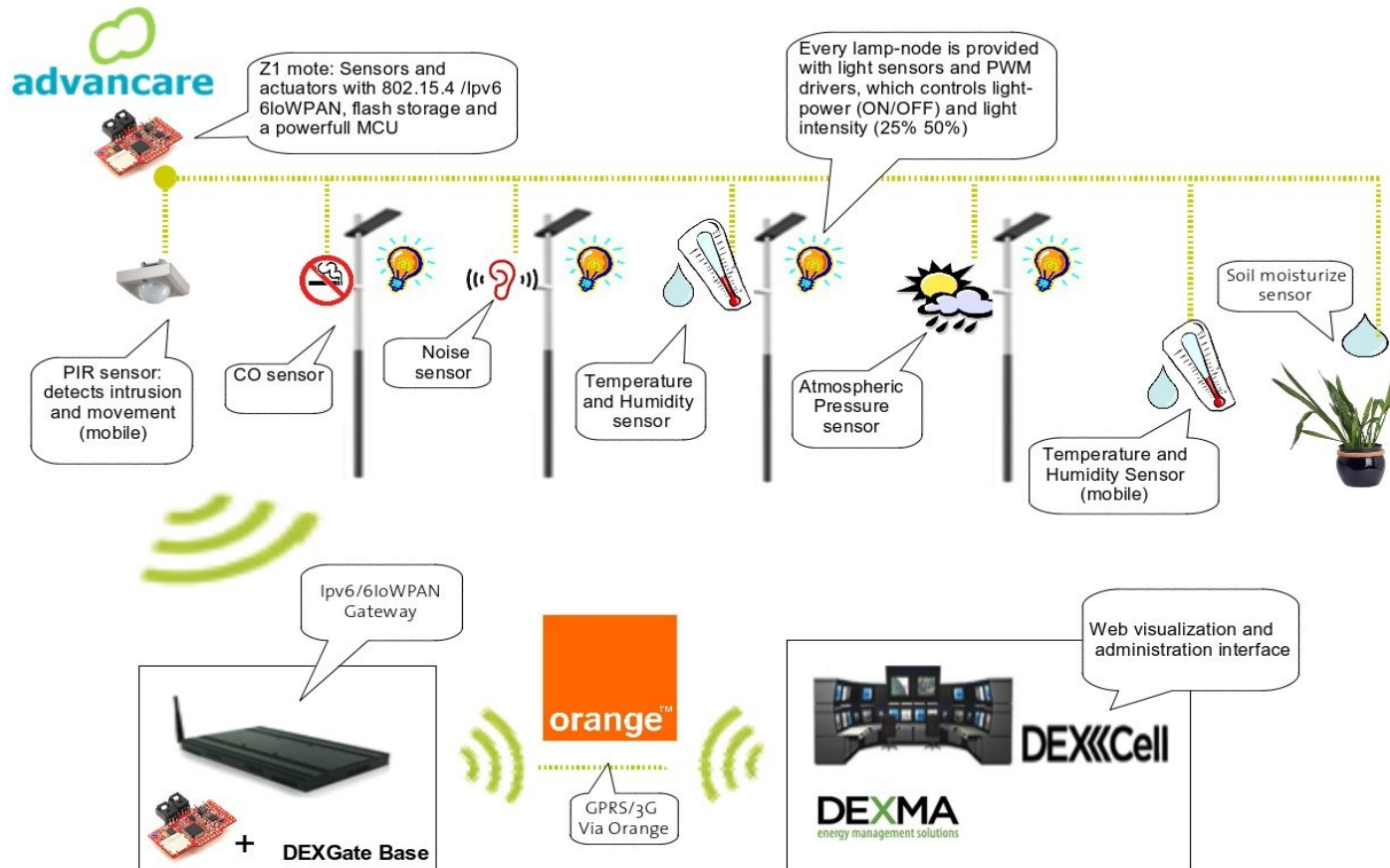


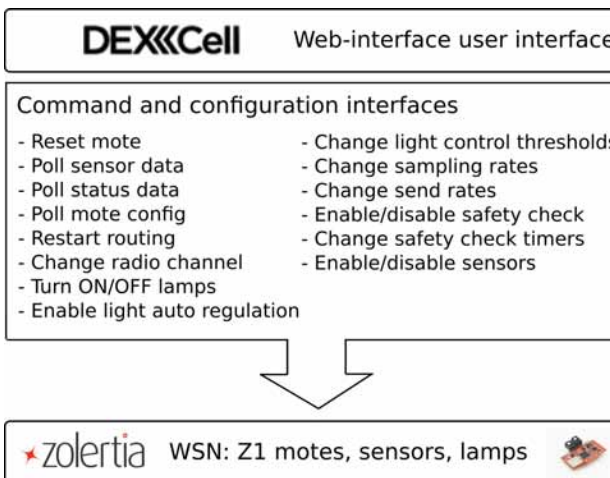
16-bit Ultra-Low-Power MCU	92KB flash, 8KB RAM
2.4 GHz RF Transceiver	IEEE 802.15.4 & 6LowPAN ready
3-Axis Digital Accelerometer	Configurable to $\pm 2/4/8/16$ g, events interrupts
Low Power Digital Temp. Sensor	$\pm 0.5^\circ\text{C}$ accuracy
Serial Flash Memory for Storage	16Mbit, 100k cycles
Multiple Power Options	USB powered, 2xAA/AAA, coin cell
52-pin Expansion Connector	ADCs, DACs, SPI, I2C, UARTs, interrupts, USB
2 Antenna Options	Embedded ceramic or U.FL external adapter
Expandable with up to 4 Phidgets™	2x3V + 2x5V Phidgets™





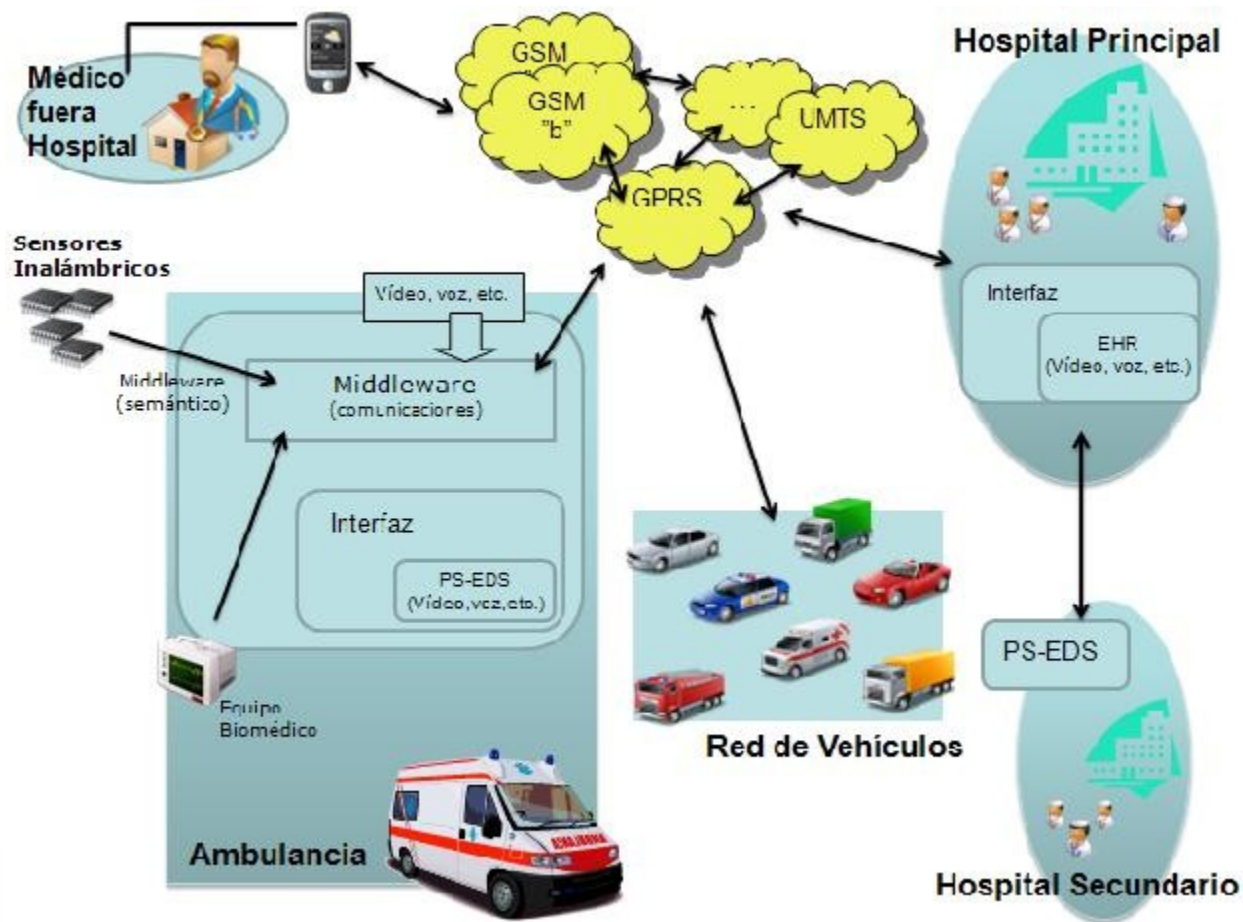
**Real-world deployments  
(some of them)**





No.	Time	Source	Destination	Protocol	Info
17	189.191037	fec0::64	fec0::1	ICMPv6	Echo (ping) request id=0xc20b, seq=1
18	190.139445	fec0::1	fec0::64	ICMPv6	Echo (ping) reply id=0xc20b, seq=1
19	190.190648	fec0::64	fec0::1	ICMPv6	Echo (ping) request id=0xc20b, seq=2
20	190.783443	fec0::1	fec0::64	ICMPv6	Echo (ping) reply id=0xc20b, seq=2
21	191.190975	fec0::64	fec0::1	ICMPv6	Echo (ping) request id=0xc20b, seq=3
22	191.935448	fec0::1	fec0::64	ICMPv6	Echo (ping) reply id=0xc20b, seq=3

Orange Ipv6 Smart City (online) [ipv6day.orangelabs.es](http://ipv6day.orangelabs.es)





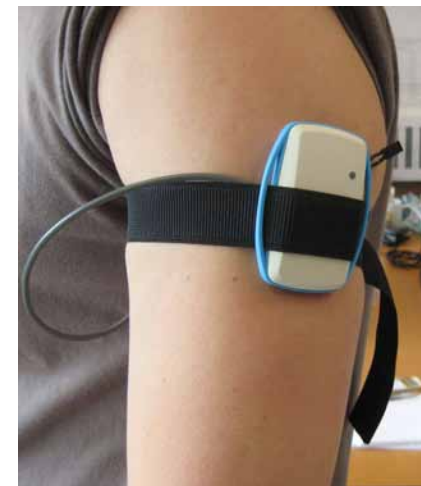
ECG Monitor



SPO2 Monitor



NIBP monitor



Body Temperature Monitor



## Contact Us

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