



ACCELERATOR KIT

for Internet-of-Things applications



Test new IoT applications with unlimited scale, coverage, and density

Objectives

- Rapid prototyping of new IoT applications
- Define the best mix of sensors
- Define control & monitoring strategies
- Test wireless network connectivity
- Prove scalability
- Measure performance
- Determine power budget
- Identify installation challenges

Features

A kit to get answers, fast



A large variety of sensors



Out-of-box experience: Pre-configured sensors, gateway and dashboards



Battery powered mesh connectivity for unlimited scale, coverage & density



Seamless connection to RedBoard dashboards or to your cloud



Asset tracking built in

Applications

- Warehousing
 - Asset monitoring & tracking
 - Consignment management
 - Rack impact detection
 - Forklift tracking
 - Pick notification
- Transport & Supply Chains
 - Container & IBC tracking
 - Asset monitoring & tracking
 - Cold chain monitoring
- Manufacturing
 - Machine monitoring
 - Predictive maintenance
 - Spare parts management
- Building automation
 - HVAC
 - Environmental monitoring
- Infrastructure
 - Integrity monitoring
 - Control & Automation



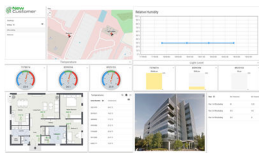
What's Included?



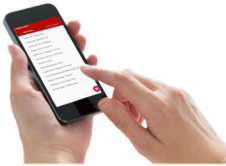
- 20 wireless sensor devices
 - 4 x RL.03.A "Full": accelerometer, gyroscope, temperature, relative humidity, air pressure, sound, ambient light and magnetic (proximity), RGB LED
 - 16 x RL.03.E "Temperature": temperature, RGB LED
- Built-in NFC "tap"-interface for device monitoring and configuration
- Indoor positioning: Any device can be configured as a fixed position device, to assist in tracking the location, or as an asset tag, whose location is tracked



- 1 Pre-configured Gateway connects wireless sensors to the dashboard via WIFI and Ethernet
- Sensor network connectivity using low-power Wirepas Mesh



- RedBoard cloud dashboard platform: Configurable and expandable dashboard platform
- Ready-made example dashboards, configurable and extendable to fit your applications and use cases



- NFC smartphone app for direct Wireless Sensor Node monitoring & configuration

- 3 months of data and dashboard hosting included (extendable)
- 3 months of support (not including custom development)
- Optional
 - Online or on-site training
 - Test & validation services
 - Sensor development or customization

Contact

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