

# mBeacon BLE System :

precision and reliability in M2M and IoT

# SPECIFICATIONS

- Family of BLE Sensors for any Application
  - Retail
  - Logistics
  - Airports
  - Hospitals
  - Events & Trade Shows
  - Tourism
  - Automation
  - Fashion
  - Asset Management
  - Smart Energy
  - Smart City
- Real-Time State Activity
- Supervision & Reporting
- Remote Management

### BENEFITS

- Better Organization
- Increased Productivity
- Quicker Installation
- Costs Optimization
- Fast R.o.I.



Copyright MG S.r.l. All Rights Reserved



- Family of "mBeacon" Sensors and Transmitters by MG
- Very Low consumption, great flexibility and autonomy
- "mBeacon" Management and API Kit

Detecting, Measuring, Transmitting, Collecting and ... Activating, Analyzing with Precision and Sharing Data and Information on the **Cloud** in **Mobility**.

Thanks to **BLE Solutions** by **MG**, Flexible, Modular and, if desired, tailored made, nowadays the limit is only your fantasy and creativity to deliver IoT Solutions and automation in every field of application.

**MG Engineering**, bolstered by a team of young and skilled professionals, has designed developed and produced "**mBeacon**" **Family**, as a result of careful analysis of real needs from expert designers of complex systems.

The Efficiency and Savings arising from the rapid deployment of "**mBeacon**" **Family** by **MG** are rapidly demonstrable and verifiable in every situation also critical.

**MG Engineering** completes the System by Assistance Services and ad hoc integration.

BLE Solutions by MG Engineering, are available in standard environments market, with Apple's "iBeacon" and Google's "Eddystone" protocols.

BLE Solutions by MG are part of an echo-system for the industry, reliable and accurate, comprehensive and easy to be integrated into existing IT systems.

Each "**mBeacon**" is easily programmed and personalized with parameters suited to the specific application, through the use of suitable **PC Kit** in the **Windows** environment, which includes a **BLE USB** dongle and a set of **APIs**.



For any Solution Proximity Marketing Electronic Coupon Handling Trackability Alarms Security Intelligent Traffic Localized Services Indoor Localization

## **MG Consulting**

#### MG Consultancy Services:

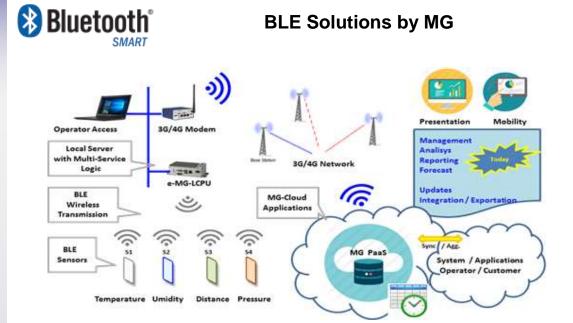
- Feasibility Analysis
- Electronics Design
- Prototyping
- Product Engineering
- Firmware Development
- Series Production
- Software App Development
- ICT Integration
- Secure-ICT Infrastructures







Copyright MG S.r.l. All Rights Reserved



Adherence to industry standards and a provision of a Development Kit with API, allow Project Managers of Enterprises to rely on "highly technological bricks" and on a steady and modular architecture suited to every Application.

#### MG Beacon



MG S.r.l. P.IVA 02784780120

Web: <u>http://www.mg-eng.com</u> Via Monte Bianco n. 1

21058 SOLBIATE OLONA (VA) – ITALY

Tel: +39 0331.376568 Fax.: +39 0331.379549

Email Info.: <u>mg@mg-eng.com</u> Assistenza: <u>service@mg-eng.com</u>

# **BLE Solutions by MG** include the Family of Sensors and the System for Management and Programming

#### Basic mBeacon ( "buttons" format)

- BLE 4.x Standard
- Dimensions, colors and form factor are customizable on demand
- Long battery life
- Configurable trasmission power
- Support for iBeacon (Apple) end Eddystone (Google) protocols

#### Sensor mBeacon

- Industrial use
- Can be interfaced with sensors: Temperature, Humidity, Pressure, Acceleration
- Integrable in IoT projects
- Various industrial packages

#### mBeacon Management – API Kit

- BLE USB Dongle
- Driver and API for custom Applications
- mBeacon programming software
- mBeacon data management software



Authorized Reseller: