



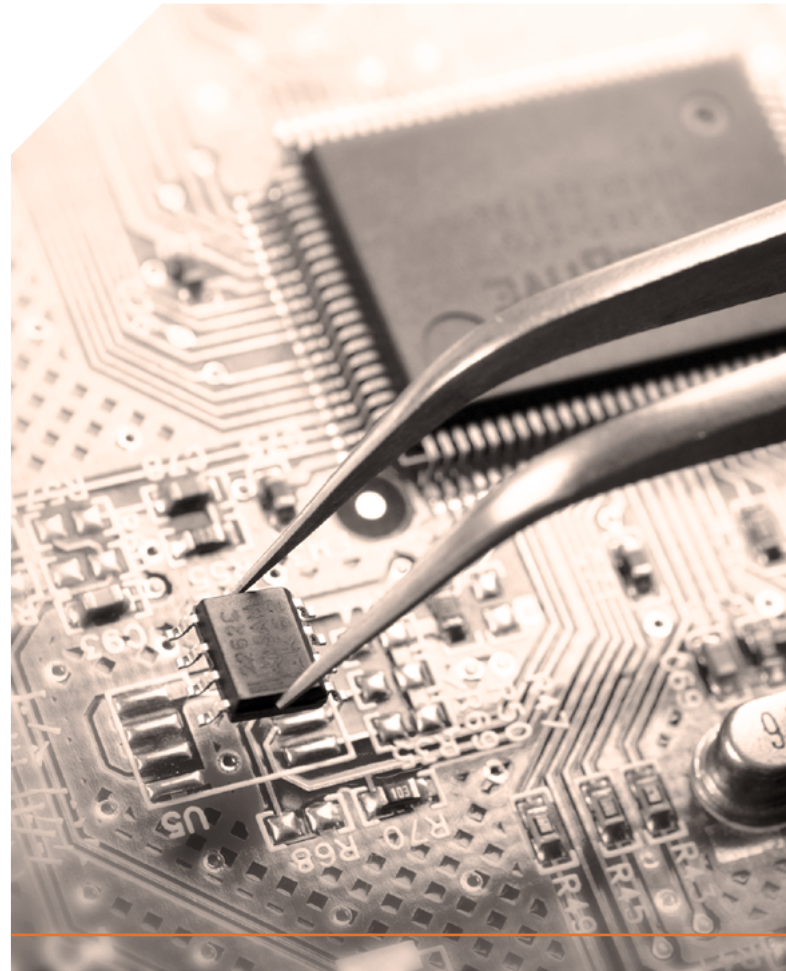
connecting
innovation
for intelligent
wireless

Innovation is an *important* step into the progress; and when an innovative idea *requires* a better business model, a *real* experimentation approach increases the *chances* of *market* success.

It's time to **change**
and it's the time to
adopt **innovation**.

STE - RF since 1965

Philosophy STE is a new way of thinking how to convert customer requirements into an innovative concept, needs and wishes. STE believes in creative skills that are typically part of Italian design, acknowledgments and achievements; STE generates a way of thinking innovative production and new design.





Technological progress for Internet of Everything.

Micro.sp[®] technology

Micro.sp[®] innovation brings today a new concept of efficient “always-on” smart connected devices for the Internet of Things.

Micro.sp[®] enables efficient and intelligent IoT solutions for a broad range of form factors including wearable sensors, sport apps, industrial sensors, Precision Agriculture field and vehicle's sensors and an endless list of mobile application for smartphone cloud oriented applications.

It comes with it's built-in innovative software and hub Cuby[®] gateway with the embedded Sp.net software and protocol.

At its core is STE's first purpose built Energy Efficient new concept of wireless sensor, that can run for years from a 12mm coin-sized battery and featuring a new radio concept.

Powered by Micro.sp[®]

Innovation in Tire Pressure Monitoring System.

STE TPMS, Micro.sp® technology inside

Low power Micro.sp® chip embedded in vehicle's objects enable a true standard in Big Data capturing and cloud based applications for the emerging market of the Internet of Things.

STE has developed the RF technology embedded in the Bridgestone fleet management street hub for data collection in truck vehicle's tires.

Powered by Micro.sp®



**SENSING
A WORLD
OF THINGS**





The new multi-technology sensors network for V2I.

Sp.net V2I network

The innovative Sp.net offers a new approach to wireless infrastructure enabling, in few step, engineering of scalable solutions.

The Sp.net street hubs is a multi-tech platform adopting the innovative Micro.sp[®] highly efficient radio protocol that can manage the new class of Ultra Energy Efficient Micro.sp[®] Wireless sensors device. The highly efficient architecture of the Sp.net street hub integrates a blend of latest technologies such as ZigBee, Bluetooth LE, Wi-Fi and LTE for the highest level of interconnectivity with Big Data collection center and allow the control of any type of wireless sensors device connected to the physical world of Things.

Powered by Micro.sp[®]

Improves **life quality**
of people in the
connected **world**.

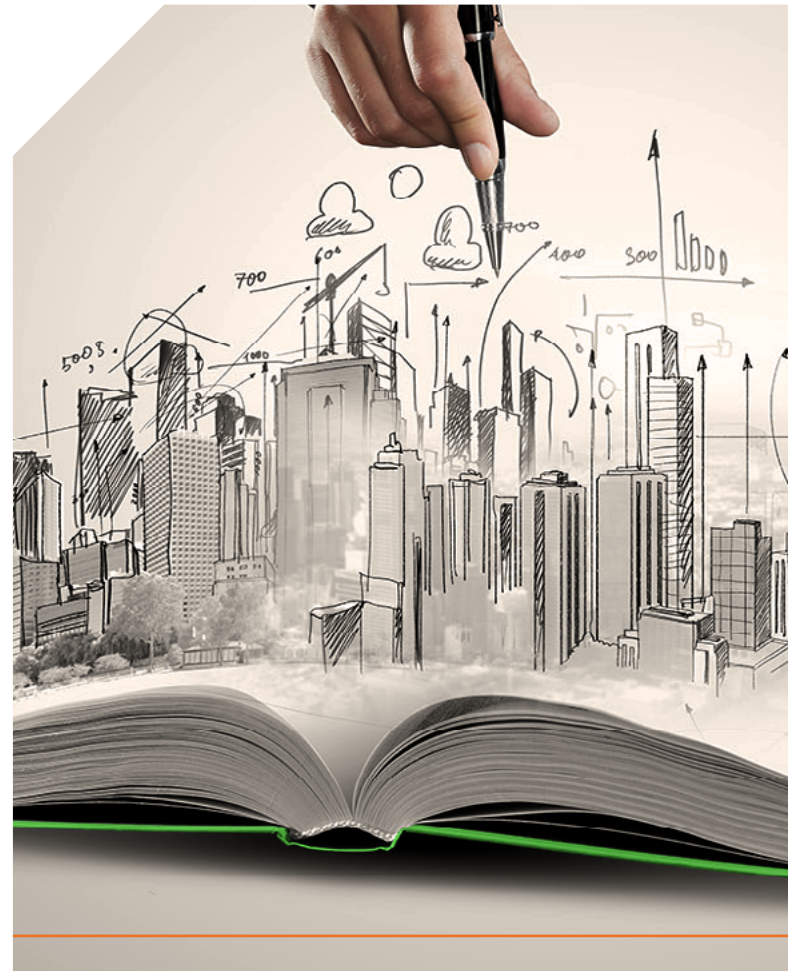
Smart City

Within a future city it is essential to organize daily traffic for best efficiency and optimize parking management.

By implementing the STE Sensors solution it is possible to manage quickly and easily parking systems, vehicle transit, automatic traffic lights control and supervise emergency situations such as accidents, roadworks or traffic jams.

The use of all of the above solutions improves significantly traffic flow and, in general, enhance living standards in urban environment.

Powered by Micro.sp®





Solutions to
enhance living
standards in urban
environment.

Smart Parking & Building Automation

Thanks to extremely performing sensors it becomes possible to put in place a network to wisely manage and control parking lots and traffic flows. The sensor can be installed either underground, hidden underneath the pavement, or glued to the pavement at street level.

With the highly efficient and ultra low consumption Micro.sp® technology it's possible to create a flexible solutions.

The final user can quickly realize a huge amount of home automation applications.

Powered by Micro.sp®



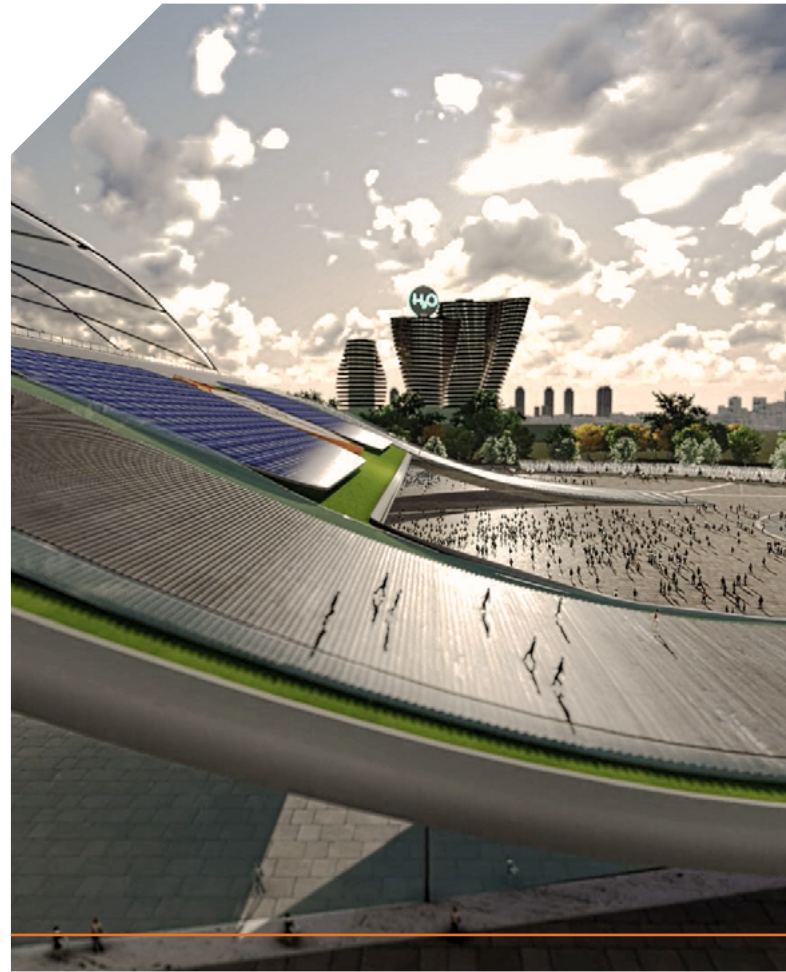
Smart Village in Las Vegas

Internet of Things and Big Data collection are the new frontier in the connected world.

Everything will be managed by a simple click from a remote access or smartphone devices.

The keyword is connectivity at low cost and Micro.sp[®] today is the right answer to the new needs of a connected world: new opportunities are offered through the use of the innovative and highly integrated Micro.sp[®] powerful data collector.

Powered by Micro.sp[®]





Precision Agriculture seeks to use high-tech *systems* in pursuit of this *goal*.

Smart Farm & Smart Agriculture

Precision Agriculture management practices can significantly:

- » Reduce the amount of nutrient.
- » Improve Crop inputs methods (seed planting, soil treatment, groundwater management).
- » Boost crops yield.
- » Increase ROI by saving on phytosanitary (pesticides) and fertilizer costs.
- » Contribute to environmental impact reduction.

Sustainable agriculture seeks to assure a continued supply of food within the ecological, economic and social limits.

Powered by Micro.sp®

STE Industries

Via Leonardo Bistolfi, 49
20134, Milano (MI) - Italy
P.Iva 01368720155
<http://www.ste-industries.com>
info@ste-industries.com
+39 02.26.41.17.65

