



Spark s.r.l. Company Profile

We are Spark

We provide smart solutions using **flexible tools, custom software and advanced IoT technology**

We help companies of all sizes optimize their operations, increase efficiency and gain a competitive advantage through the use of cutting-edge technologies.

We believe technology should be used to solve business challenges and should be accessible to all.

Spark® is an innovative start-up founded in 2021 by four aerospace engineers with more than 10 years of experience in providing high quality engineering consultancy services in the fields of space and industry.

Using extensive experience in IoT, software development, and engineering, we create custom solutions tailored to meet the unique needs of our customers across various industries, including manufacturing, healthcare, logistics, and more.



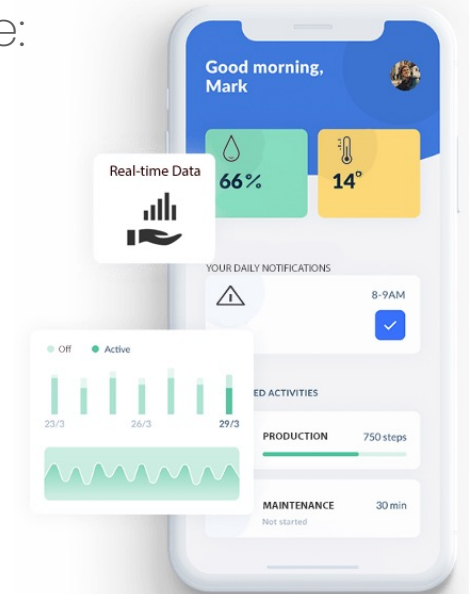


Solutions designed to improve

Spark® offers a range of intelligent solutions designed to improve productivity, efficiency and safety.

Our solutions are designed to streamline business operations and drive growth by providing real-time insights and actionable data. Some of the smart solutions we offer include:

- **IoT-enabled sensors and devices**
that collect data and transmit it to a cloud-based platform for analysis
- **Predictive maintenance solutions**
that help our clients identify potential equipment failures before they occur, reducing downtime and costs.
- **Real-time monitoring and analytics solutions**
that help our clients make informed decisions based on the data generated by their IoT devices.
- **Customized software solutions**
(mobile, web, cloud) that can help you automate various business processes, such as inventory management, scheduling, and workflow management.

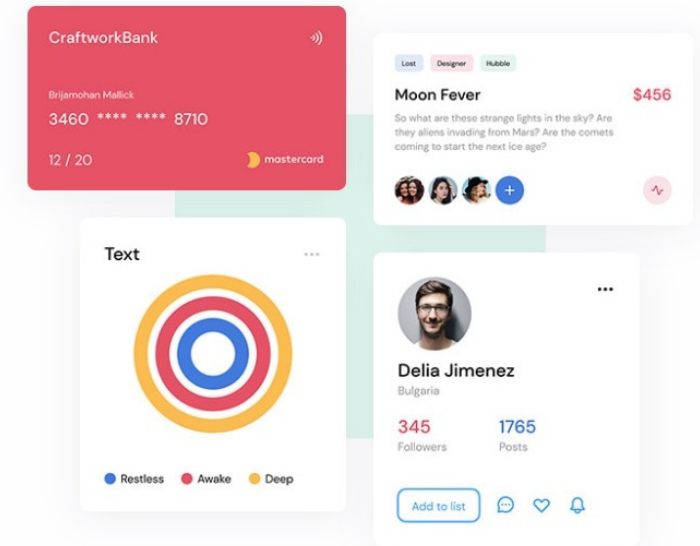




What we do our skills

Our team of experts has extensive experience in various software development and IoT technologies, and we use our expertise to create custom solutions that meet the unique needs of our clients.

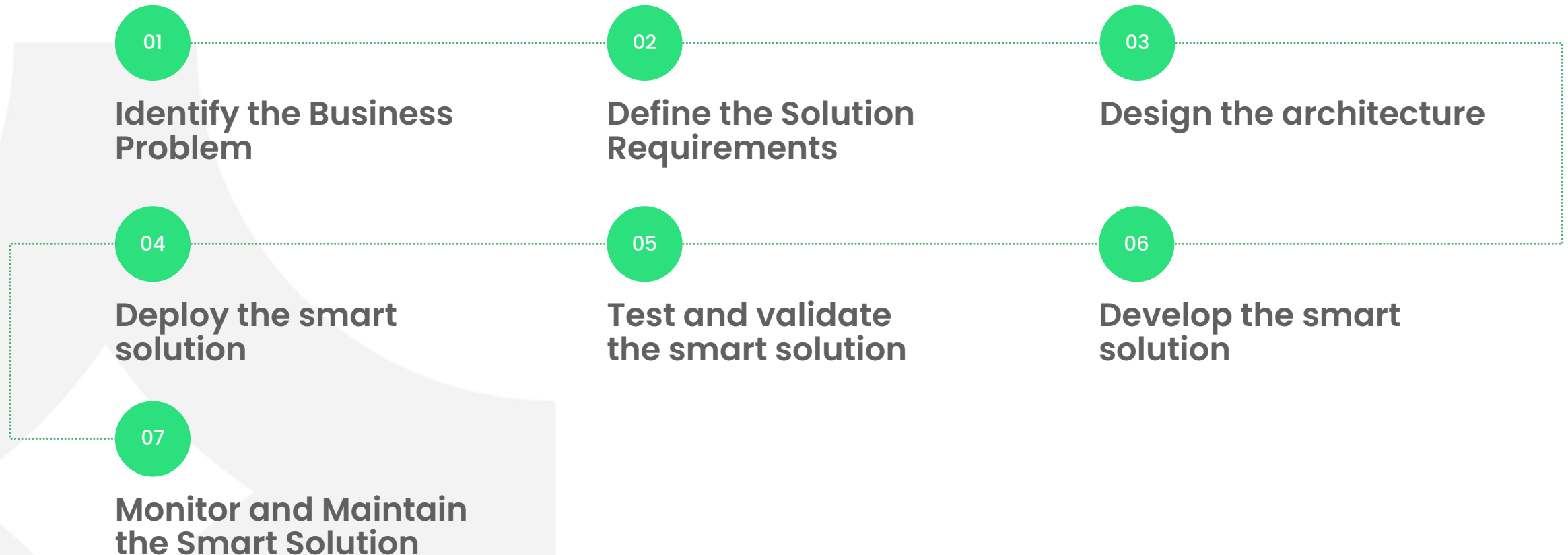
- ✓ **Programming languages.** Our team is skilled in writing clean, efficient and scalable code, adapted to the needs of our customers.
- ✓ **Web development.** We specialize in building responsive and user-friendly websites that are optimized for speed and performance.
- ✓ **Mobile App Development.** We have extensive experience building mobile applications for Android and iOS devices.
- ✓ **Cloud-based development** we have experience building secure, reliable, and scalable cloud-based applications.
- ✓ **IoT development** we specialize in building IoT solutions that help companies streamline their operations and gain insights into their processes.





How we do it workflow

We make your spending stress-free for you to have the perfect control.





Product Showcase

ssense



ssense is a Wireless Sensor Network system for the creation of a smart metering solution. It is thought for companies that want to manage medium and large monitoring networks, thanks to automated and reliable measurements, reports and analyses.

It provides:



process improvement. the deep knowledge of the data enables the analysis and the enhancement of the production process.



systems integration. the system can merge measurements from all the plant elements to provide a deep and predictive analysis.



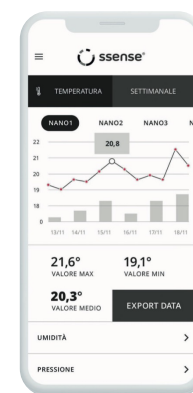
industry transformation. ssense helps bring companies into the 4th generation industry.



ssense can be equipped with multiple sensor types



and data accessed through Web and Mobile Applications





Product Showcase

Autonomous Rover

Spark started a first project, co-funded by BIC Lazio, focused on the design and the development of an autonomous rover for civil application. This product has already found a potential customer in the archeological sector and more to explore in the rescue operations.

Spark has also applied, in a joint venture with Sapienza and a private company (Next), to an ASI tender entailing the development of a autonomous rover: LEARNER, the development of a Long-range Autonomous Rover for planetary Exploration. Spark is responsible for the development of the mechanics and the AI algorithm for the navigation.



Get in touch

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