Mooxvice Solutions, S.L.

Turnover [1]

★☆☆☆

Employees [2]

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Sales information

Auxiliary value chain

Company description

Mooxvice Solutions, founded in 2020, is an engineering company specialized in the implementation and deployment of IoT monitoring solutions in professional environments. It has advanced communications network technology solutions and a commitment to excellence to address the critical challenges of real-time monitoring, driving efficiency and decision making in the industry.

Products and services

Auxiliary services

Diverse

Engineering

Mooxvice Solutions brings its IoT monitoring approach, which offers flexible and highly efficient solutions to meet these needs. Through an innovative combination of wireless mesh topology networks coupled with distributed processing, it transforms the way companies optimize their industrial operations. Its key features are:
– Mesh Networking: AD-HOC routing; Self-organizing; Reliability and Fault Tolerance; Robust Security.
– Distributed processing: each network node performs distributed processing of the collected information. This means that each device has the ability to process data locally, reducing the network load and enabling faster and more accurate analysis.

Processes and technologies

Other technologies

Mooxvice has a variety of devices and systems that allow us to offer advanced technological solutions.
– Devices: equipped with ARMCortex processors, ranging from A7 to A53 models, with operating frequencies ranging from 800 MHz to 1.8 GHz. These processors provide robust performance for running a variety of applications. The RAM available on the devices ranges from 1 GB to 8 GB of LPDDR3 or LPDDR4, ensuring smooth performance and efficient multitasking for the most demanding applications. In terms of storage, the devices are equipped with options ranging from 4 GB to 32 GB of eMMC storage, allowing large amounts of data to be stored locally. All devices run the Yocto Real-Time Linux operating system, which is optimized for real-time applications and supports Docker containers, facilitating application development and deployment.
– Connectivity: The devices offer a wide range of connectivity options, including Ethernet, RS232, RS485, SDI12, PPI, Profibus, Profinet, ModBus TCP/RTU, EtherCAT, Wi-Fi, Bluetooth, 5G/LTE, NarrowBand IoT, ZigBee, DigiMesh and Lora. This ensures versatile and robust connectivity in a variety of environments and applications.
– Technical specifications: The devices are powered with a voltage of 7-36VDC, with a maximum power consumption of 7W, making them suitable for a variety of industrial applications. In addition, the devices are designed to operate over a wide temperature range, from -40°C to 85°C, making them ideal for demanding environments and harsh environmental conditions.

Main customers

Companies in the automotive industry.

Contact

Address and phone

Rúa Iglesia 2, bajo
36300 Baiona
Phone: 622021441

Web / Email

https://www.mooxvice.com/

admin@mooxvice.com