QiO2®

INDUSTRIAL
IOT PLATFORM

QiO2
Industrial
IoT Platform

Controlar
innovating industry

QiO2® NODE

Embedded circuits with sensors/end devices located at the sensing points, being compatible with commercial solutions for LoRaWAN®, Wi-Fi and Ethernet compliant modules. Custom designed nodes with LoRaWAN®, Wi-Fi and Ethernet communication are available (e.g. energy metering, smart composting and industry 4.0 IoT cases).

QiO2® GATEWAY

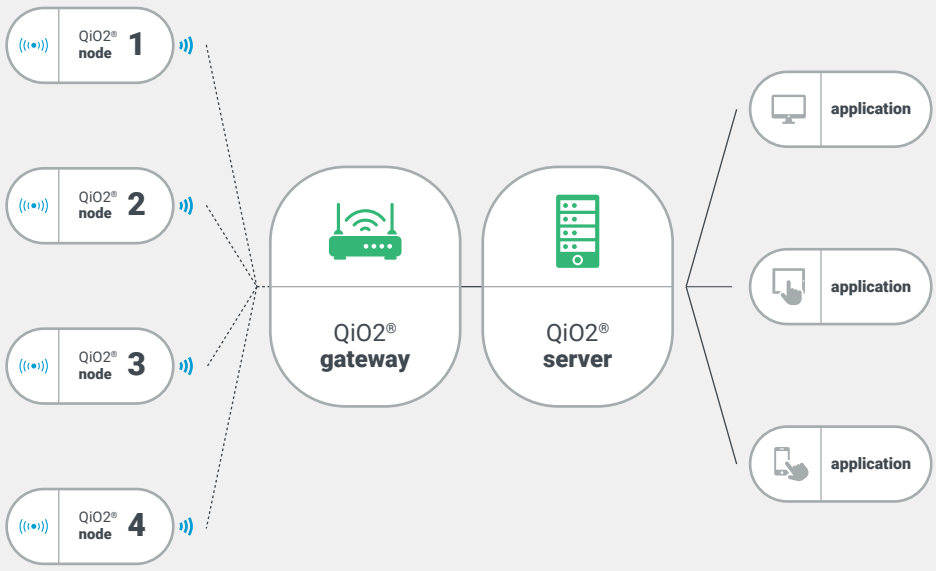
Multi-protocol LoRaWAN®/Wi-Fi gateway, which gathers the data from the nodes and forwards it to the QiO2® SERVER via a secure TCP/IP MQTT protocol. The gateway can be managed in a web user interface (UI) easily accessed from any browser.

QiO2® SERVER

Cloud-based hosted or applied on premises and supported on open-source solutions. Manipulates the uplink data from the gateways (both QiO2® GATEWAY or other commercial solution) and schedules the downlink data intended for node actuation. Supports all the main functions of a server (user management, data visualization, etc.) and can be managed remotely in a web user interface (UI).

QiO2® MONITOR (UGUI)

Universal Graphical User Interface with a modern design ideal for standardizing the interfaces of industrial machines. It grants ease of use and distributed access from any equipment, either on the machine itself, or mobile devices, separating the display layer from the functional operating layer of the machine.



Innovation, Quality and **Passion for Engineering.**

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