

## **TIC-220 Telematic System Engineering**

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The TIC-220 Telematic System Engineering research group was created within the Jaén University Telecommunication Engineering department and currently comprises five doctors and two doctoral students.

The group's main research line is the design and integration of knowledge-based systems in devices with restricted resources and their application in the Internet of Things (IoT).

Various research projects have been carried out within the group, funded in competitive calls relating to internet monitoring of acoustic noise, control and monitoring of high-concentration photovoltaic energy systems and intelligent agriculture. As a consequence of these projects, we have various complete IoT applications.

The group has a broad spectrum of IoT-related technologies in place, such as: cloud platform, fog platforms, and various wireless technologies for IoT and different hardware devices for IoT.

### **Website for the group**

[Website for the Telematic System Engineering Research Group](#)

### **Research lines**

- Internet of Things (IoT)
- Integration of intelligent systems in devices for IoT
- Rule-based fuzzy systems
- Intelligent wireless sensor networks

### **Related services and products**

- [Expert controller of standalone photovoltaic systems](#)
- [Applications in the Internet of Things](#)
- [Applications for environmental parameter measurement](#)
- [Computer and internet networks](#)
- [Wireless sensor networks](#)
- [Projects on Common ICT Telecommunication Infrastructures](#)
- [Specialization courses in Telematic System Engineering](#)

**Spanish website:** <http://bit.ly/2QGomSj>