

## Your intelligent sensor networks partner

### The company

Ifara is an engineering company based in Madrid (Spain). We offer software technology, appliances and **middleware** as tools and components for building **sensor networks**.

### Ifara as a trusted technology partner

Since 2002 Ifara has focused in the development of an innovative middleware technology called Nexus. With Ifara as a responsive solution partner, System Integrators, Product Manufacturers, Government Agencies and Commercial End Users can focus on their core business activities and quickly respond to changing market conditions. Using Nexus these can offer, in applications such as avionics or security and surveillance, competitive turn-key solutions that are based in an open, modular and flexible architecture.

### Areas of activity

Ifara offers products with application in the following areas of activity:

- **Sensor Networks**  
Sensor Manufacturers, Security Forces, Coastal and Maritime Surveillance, Military, Traffic Monitoring, Utilities, Transportation, Oil & Gas, Fire Detection.
- **Robotics & Microcontrollers**  
Universities, Automotive, Industrial and Automation.
- **Aerospace**  
Unmanned Aerial Vehicle (UAV) Control Systems, Glass Cockpit Applications (EFIS, EIS, AP), Satellite Image Processing & Cartography.
- **IT/Networking**  
Mail & Directory Systems, Networking, Databases, Web Front Ends.

### Projects & customers

Ifara delivers components and services for mission critical applications to companies around the World. We have built stable relationships with commercial and technological partners and work close together with the engineering teams of many system integrators and product manufacturers.



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### Skills and technologies

Ifara's expertise covers areas from hardware/software devices integration to robotics, real time systems, TCP/IP networks, sensors, video streaming, image processing... Our products are based in the following base technologies:

- Software development in Win32 and Linux environments.
- Embedded systems.
- Networking and IP services (web, mail, ...).
- Graphics, video and image processing.



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