

BTESA is a leading technology group with extensive experience in the **design and manufacture of radio frequency equipment**. The company's R&D team combines deep knowledge in RF product design with the flexibility to adapt to projects of any scale or complexity. This capability has allowed BTESA to successfully **expand into diverse technological markets**, including **industrial, scientific, and medical (ISM) applications**, as well as the design and deployment of **turnkey telecommunications systems**.

## VISIÓN

At BTESA, we aim to be recognized as a leading technology company in the design and manufacture of advanced radio frequency solutions. Through a strong focus on R&D+i, we plan and develop innovative products and services that anticipate market needs, deliver unique solutions, and reinforce our presence in national and international markets.

To achieve this:

- We maintain a strong commitment to innovation, driving a **robust portfolio of in-house R&D+i projects** that incorporate the latest technologies and trends across our main business areas (Broadcast, ISM applications, BTESA Networks), and ensuring continuous technological monitoring in all fields of knowledge.
- Providing teams with the tools, resources, and infrastructure needed to develop high-value projects, independently or with **partners**.
- Promoting the growth of highly skilled, **innovative personnel** in an environment that encourages creativity, experimentation, and technical excellence.
- At an institutional level, we build **strategic alliances** with industry organizations, government bodies, universities, and technology partners to generate synergies, access new projects, and strengthen our leadership in international markets.

The following areas of knowledge are actively promoted

- **Broadcast:** BTESA designs and manufactures TV and DAB transmitters. In addition, it acts as a systems integrator, capable of managing turnkey projects comprehensively with guaranteed success in implementation and maintenance.
- **ISM Applications:** Design and manufacture of solid-state amplifiers (high-power or drivers) and complete turnkey projects, as well as fulfilling any custom manufacturing and testing requests.
- **Software:** For communications and control systems, both for our own equipment and for entire networks, managed locally or remotely.
- **Electrical:** Design of proprietary power supplies, with special attention to surge protection.
- **Mechanical:** Properly dimensioned cooling systems that extend equipment lifespan.
- **Communication Networks:** Design, planning, deployment, and full management of data networks. The integration of various technologies (WiMAX, ZigBee, RFID, Wi-Fi, fiber, etc.) allows us to deliver everything from broadband wireless access networks to complex Smart City networks.
- **IoT Devices:** Design and manufacture of equipment and communication systems for devices connected to low-bitrate networks (LTE-M, NB-IoT, LEO satellites).
- **Other Areas:** Exploration of projects for the deployment of new IP-based technologies (IPTV and OTT).



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