

Case Study Compliance for radio modules

Kiwa Electrical Compliance (KEC) Brentwood laboratories (formerly RN Electronics) are often approached by manufacturers, startup companies and university research teams alike, wanting to get innovative products with radio modules into the global marketplace.

The Challenge

The market appetite for smart connected products is growing rapidly. It's relatively straightforward to install pre-approved radio modules into everyday products to give them Wireless / Wi-Fi and Bluetooth connectivity.

However, achieving certification for end products utilising pre-approved radio modules comes with a complex range of compliance needs, particularly if they are used in host products whose environments were not previously considered in the original certification. Installing multiple modules into the same host adds even further compliance considerations. Compliance requirements can also differ between countries/regions, so different authorisation routes and product test reports are needed for different countries.

The Solution

The KEC team specialises in radio compliance. We perform radio testing and offer certification services for a range of products and technologies. Our knowledge of the legislative requirements for each country means that we can support our clients with market access right across the globe.

Having the right documentation and certification evidence for your radio product is essential. If your product is held at customs without a robust technical file you can be charged a daily fee or your product refused entry until the documentation issues are resolved.

Recent UK legislation mandates that internet-connected smart devices meet minimum-security standards by law to protect consumers against hacking and cyber-attacks. With further EU requirements on cyber security coming into force next year, and global cyber security gathering pace, KEC can support clients with cybersecurity compliance.

The Outcome

With support from KEC, manufacturers can add connectivity to their products and achieve compliance for target markets in the UK, Europe North America and across the globe.

Contracting Client:
Various

Location:
Essex, UK

Sector:
Manufacturing, Electronics, Wireless

Key Elements:

- ✓ Thorough technical knowledge
- ✓ Knowledge of global compliance
- ✓ Truly independent



“

“The team at KEC were really helpful, keeping me up to date as my product underwent a regime of tests”