

# JABIL

## Wireless Connectivity

### Comprehensive Expertise with Connectivity Design, Architecture, and Software Integration

Connectivity rules the Internet of things — from wearable medical sensors to home security cameras. And successfully integrating RFID, GPS, WiFi, Bluetooth, and other capabilities in small, high-performance devices requires a deep understanding of the full, end-to-end ecosystem of wireless technology. Jabil is the only partner that can offer comprehensive design experience, wireless system architecture capabilities, and software integration to tie it all together.

**To speed time-to-market, increase adoption rates and customer satisfaction, and build market share, wireless connectivity features must be optimized for:**

- Interoperability in different environments
- Appropriate technologies and chipsets
- Materials and packaging considerations
- Future technology trends



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### Capabilities

Comprehensive Jabil expertise includes engineering, certification, and test development.

#### **Wireless Engineering**

- Antenna design
- RF and wireless architecture
- Medical data communications
- RFID tag, WiFi, GPS, NFC and RFID reader, cellular, broadband, and Bluetooth integration
- Signal processing
- MESH networks (ZigBee and thread integration)

#### **Wireless Certification**

- WiFi
- ZigBee
- Bluetooth

#### **RF and Wireless Test Development**

- RF, IP, and cellular network
- RFID performance
- Antenna performance, qualification, and tuning
- Microwave and millimeter wave antenna performance: ultra-wide band (UWB), cellular and digital cellular, GPS, Bluetooth, GPS/GLONASS, and WiFi



Learn about all Jabil design, engineering, manufacturing, packaging, and supply chain capabilities at [www.Jabil.com](http://www.Jabil.com).