

WiFi & ZIGBEE

COMMUNICATIONS GATEWAYS

JABIL

WiFi and ZigBee are technologies at the heart of device communication and the Internet of Things. Everything from home automation to embedded sensing and industrial controls depend upon these technologies. Jabil's advanced expertise in designing, developing and manufacturing WiFi and ZigBee enabled devices provides a trusted and reliable business partner for our customers, saving them both time and money.

Jabil brings together various technologies, materials and manufacturing techniques from our divergent experience and product base. We provide a strong springboard for our customers to create and manufacture their desired products with expertise and efficiency.

SOLVING COMPLEXITY.
ENABLING INNOVATION.



The Jabil Difference

Jabil's diversified customer and technology base bring the materials and knowledge from various industries to our customers so they can leverage these technologies without additional investment.

Customers reduce development time and cost by taking advantage of Jabil's experience in engineering, supply chain management, manufacturing technology and on-going support.

Lean manufacturing principles and Six Sigma methodologies are an integral part of Jabil's design and manufacturing process, decreasing waste and defects while optimizing total landed cost.

Commitment to Ingenuity & Innovation

Jabil's proven processes and investments in technologies, materials and global footprint promote scale and efficiency for product deployment.

Our top talent engineering teams and strong experience working with advanced technologies gives our customers the ability to differentiate themselves from their competition and lead, not follow, in product innovation.

Communication Gateways

Many factors must be considered when designing a WiFi or ZigBee enabled device. Typically, these devices need to interface with multiple protocols, security access points and network data. Protocol management and translation may be required if a communication infrastructure in one part of the network is not compatible with the communication infrastructure in a separate part of the network.

When designing these devices, Jabil's expert design engineers take the following into consideration:

- Types of protocol the device will interface with
- Security
- Data rates
- Number of nodes in the network
- Ability to configure the device for scalable or flexible deployment
- Ease of deployment
- Cost

About Jabil

Jabil's unique combination of global expertise, ingenuity, analytics and financial performance has contributed to the success of the world's most well-known brands. We help companies design, build and take their products to market quickly, affordably and efficiently. But more than that, Jabil helps customers intelligently design their supply chains to be agile, economical and effective even in uncertain times.

We provide supply chain services to some of the world's most respected and trusted brands in a broad range of industries, including defense, aerospace, automotive, clean technology, computing, consumer, industrial, instrumentation, healthcare, networking, peripherals, storage and telecommunications.

www.jabil.com

Applications

Jabil has expertise in designing WiFi and ZigBee enabled devices for:

- Home Area Networking/Home Automation
- Utility Infrastructure
- Protocol Translators
- Industrial Machine to Machine (M2M)
- Communications
- Connected Appliances
- Smart Energy

Products include:

- Networking Equipment
- Smart Plugs
- Data Concentrators