

5G IS THE NEXT BIG THING

HELPING OUR CUSTOMERS DESIGN, MANUFACTURE, AND TEST 5G SOLUTIONS

5G is a next-generation cellular network providing mobile internet connectivity with substantially faster speeds and more reliable connections. This advanced network will feed the accelerated rise of the Internet of Things allowing for a smarter and more connected world.

Jabil is already working with 5G providers today. Our company identified 5G technology as a strategic priority and is already designing, manufacturing, and testing, both 4G and 5G solutions.

Jabil's expertise is founded in the long-term design and manufacturing partnerships we have with the leading infrastructure providers in the world today. By collaborating with Jabil's experts', customers are saving time and getting to market faster with more advanced connected solutions.

Although 5G is the next big thing in communications, it is highly complex and has limited adoption because of an immature infrastructure and testing. Customers are also struggling to decide which network or protocol to use for their solution because 4G LTE-M and other existing protocols are continuing to rapidly grow as adoption for these expand globally.

JABIL IS THE IDEAL PARTNER FOR BOTH 5G AND 4G INFRASTRUCTURE AND DEVICES SOLUTIONS:

OUR SOLUTIONS INCLUDE:

5G Infrastructure – designing and building for providers today.

- **Design Services**
 - Value Analysis / Value Engineering for cost reduction, design improvements, compliance
 - RF Design - Frequency Variant Radio Reference Designs
 - Component Design – Power Amplifier, Power Supply, Filters
 - Full Product Design – 4x4 Base Station Radio
- **Software Design and Maintenance**
 - Agile Software Test (Continuous development and test)
 - Open Source Integration
 - Hardware and Software Integration

- Manufacturing Services

- 5G Radios, Antennas, Back Haul
- Manufacturing Test
 - Massive MIMO (Multiple In and Multiple Out)
 - Beam Forming

4G/5G Devices

- **4/G Design and Manufacturing Services**
- **5G Devices – we are moving at the pace of our customers. We have 5G Engineering Design and Manufacturing Teams, a 5G reference platform, and testing protocols ready and waiting**

Today, Jabil designs and manufactures 4G device solutions in these industries. We expect these device types will migrate to 5G as the infrastructure continues to grow. Let Jabil help you transition from 4G to 5G device solutions at your pace.



ENTERPRISE, CLOUD & COMMUNICATIONS

- 4G & 5G Telecommunications Infrastructure
- IoT Devices



HEALTHCARE

- Pharma delivery device
- Medical devices: Patch Pumps, Pacemaker, Hubs...
- Diagnostic Equipment



AUTOMOTIVE & TRANSPORTATION

- Vehicle System Comms
- Car dongle
- Agriculture Seed Tracker OTDOA tracker
- Fleet management



INDUSTRIAL & CAPITAL EQUIPMENT

- Smart Building
- IoT Devices



CONSUMER

- Mobile Devices
- Wearables
- Connected Toys



SMART HOME & APPLIANCES

- Smart Home devices
- Smart Appliances



ENERGY

- Smart Meters
- Energy Management

ADDITIONAL JABIL RESOURCES

- [5G Technology Trends Survey Report](#)
- [The Biggest Challenges Looking Over 5G](#)
- [5G Is Set to Impact These Three Industries](#)
- [The Revolutionary Evolution of Wireless 5G Technology](#)
- [How 5G Will Empower A New Era of Manufacturing](#)
- [5G Networks And The Future of Living and Working](#)