

# Utilize AT&T experience in the IoT device certification process



**AT&T offers a complete end-to-end certification service that utilizes our experience in over 150 countries.**

There are thousands of devices available on the market for IoT use. Different communications modules, radio types, battery life, networks, and hybrid solutions all combine to make for a daunting decision. AT&T has tested and certified over 2,600 devices.

Let AT&T use that expertise to create and execute some

great recommendations. AT&T Professional Services for IoT: Global Device Certification is a full-service solution from device lab and field performance testing to in-country certification. AT&T can help you streamline the compliance process and meet country and regulatory requirements within telecom standards.

## Potential Benefits

- Simplify a complex process
- Facilitate market entry and reduce costs
- Improve efficiency for device launch on global cellular networks
- Meet in country and regulatory requirements

## Features

- Lab antenna and field performance testing for IoT devices
- Agreements with industry leaders world-wide
- Extensive knowledge base of most of world certification requirements

**Improve your device approval rate, streamline the processes, reduce your costs, execution risks and time for product launch.**



Lab-based Antenna testing helps find performance issues prior to more expensive field testing. The lab testing **verifies the device antenna performance** in all applicable frequency bands and radio technologies to support optimal antenna design.

## Device certification

Improve your device approval rate, streamline the processes, reduce your costs, execution risks and time for product launch through our: device performance testing and device certification.

- **Starts with a roadmap** for your device launch
- Ensures **up-to-date** information on the steps and timelines for country and regulatory certification and renewal requirements
- **Turn-key** service managing the complex approval process for countries, regulatory bodies and telecom providers
- Significantly **improves time and costs** for device launch on any cellular network

## Device testing

### Device application and antenna testing

- **Lab test IoT embedded application and antenna** performance to identify potential problems prior to certification
- **Field testing** can include pre-determined challenging countries and operators across a variety of cellular technologies

### Customized device testing

- To ensure your device launch meets all your criteria, additional **customization** can be provided to the testing process
- **Customization can include:** more countries, operators and non-cellular technologies such as Satellite, Wi-Fi and other sensor technologies

IoT embedded application testing **identifies communication issues early in design and launch.** It tests the behavior of the embedded interoperability functions, records the service performance of the application layer under different radio conditions, and identifies potential device behaviors which cause network related problems.

**AT&T's experience with certification organizations allows you to move your IoT innovation to market.**

**Canada** – Innovation, Science and Economic Development Canada (ISED)

**Mexico** – Instituto Federal de Telecomunicaciones (IFETEL)

**Colombia** – Ministerio de Tecnologías de la Información y las Comunicaciones (MinTIC)

**Brazil** – Agencia Nacional de Telecomunicacoes (Anatel)

**European Union Countries** – Radio Equipment Directive (RED)

**Hong Kong** – Office of Communications Authority (OFCA)

**Israel** – Ministry of Communications (MOC)

**Malaysia** – Malaysian Communications and Multimedia Commission (MCMC)

**China** – Ministry of Information Industry (MII)



**Australia** – Australian Communications and Media Authority (ACMA)

**United Arab Emirates** – Telecommunications Regulatory Authority (TRA)

**Singapore** – Info-communications Media Development Authority of Singapore (IMDA)



We have experience with more than  
**150 COUNTRIES**

To learn more about Global Device Certification Services from AT&T, visit [www.business.att.com/solutions/Family/internet-of-things/iot-development/](http://www.business.att.com/solutions/Family/internet-of-things/iot-development/).