

Bringing your product safely into production

RTX has many years of experiences in developing and manufacturing production test equipment for wireless products. We offer a wide range of different solutions to ensure a fast and cost efficient product launch. Being fully aware of the critical time-to-market aspects involved in the overall project, we have optimized our organization to deliver the support our customers require, no matter how critical or tight their schedules may be. All because our highest ambition is to become our customers' preferred supplier of production test equipment.



RTX has been involved in projects ranging from small "prototype" productions to +150k/day high volume productions, and solutions ranging from small stand-alone system to complete enterprise solutions integrated into the manufacturer's MRP system.

Wireless Technologies

RTX has accumulated vast expertise in various wireless technologies, even pioneering several standards ourselves.

- DECT EU/US
- 2.4GHz / 5.8GHz ISM
- Bluetooth
- CDMA
- TD-SCDMA
- GSM/GPRS
- GPS
- NMT 450

Product types

- Cordless phones
- Mobile phones
- Car alarms
- Headsets
- Music distribution systems
- Telephone line extender
- Repeaters
- Gaming console
- Home metering devices (M2M)
- Medical products

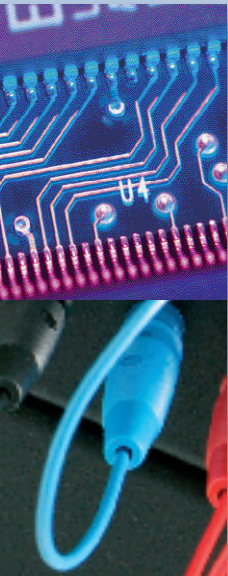
Solutions

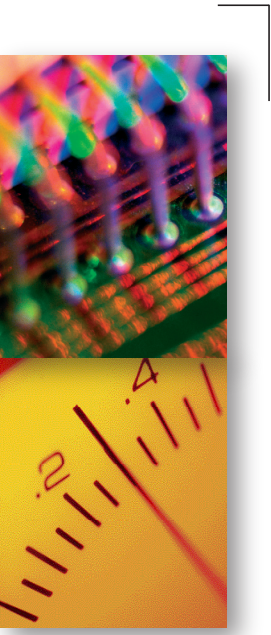
RTX can provide a range of standardized or customized production test equipment and software solutions.

- Software download
 - Separate or combined in functional test
- Functional test
 - PCBA, final or combined
- Fixtures with one, two or multiple slots
- Repair station
- Labelling online
- Packing stations
- Service GO/NO-GO set-up with SW update functionality

Measuring technical:

- DC
- Low frequency
- High frequency
- High voltage
- High power
- Audio
- Communication
- Telecom



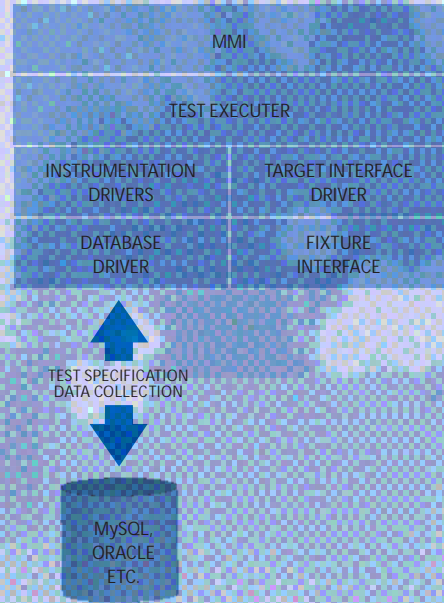


RTX Control Test Software Architecture

The control test software application is based on RTX's own design, and each test station can handle fixtures with one or more slots.

The control test software interacts with a data collection database, which stores all test results and allows for retrieval of the DUT test specification data to set the pass/fail limits for the production test.

The control test software is supplied with drivers for standard instruments from vendors such as Agilent Technologies, Rohde & Schwarz and Hameg, and the application is tuned for minimum execution time in order to reach a very high throughput.



RTX Test System Hardware Architecture

The test systems developed by RTX can be used as standalone test stations for smaller production setups, or as multiple test systems for high throughput with Ethernet connection and secure VPN remote control and monitoring facilities.

The test systems are generally based on generic off-the-shelf equipment that allows for quick manufacturing. The fixture is, on the other hand, tailored according to product specifications.

