



MANUFACTURING CAPABILITIES



FROM CONCEPT TO RELEASE

Our in-house manufacturing and turnkey capabilities include design, development, sourcing, manufacturing, and testing.

rell.com



Who We Are

For over 75 years, Richardson Electronics, Ltd. (NASDAQ: RELL) has been a leading global provider of engineered solutions, power grid and microwave tubes and related consumables; power conversion and RF and microwave components; replacement parts, tubes, and service training for diagnostic imaging equipment; and customized display solutions.

We have locations around the world and a 250,000 sq. ft. manufacturing facility located in LaFox, IL (50 miles outside of Chicago). We manufacture a wide variety of RF and microwave components, as well as electron tubes and vacuum devices and other engineered solutions such as energy storage modules and power management devices. Our capabilities extend from concept to final release, including design, development, sourcing, manufacturing, and testing.

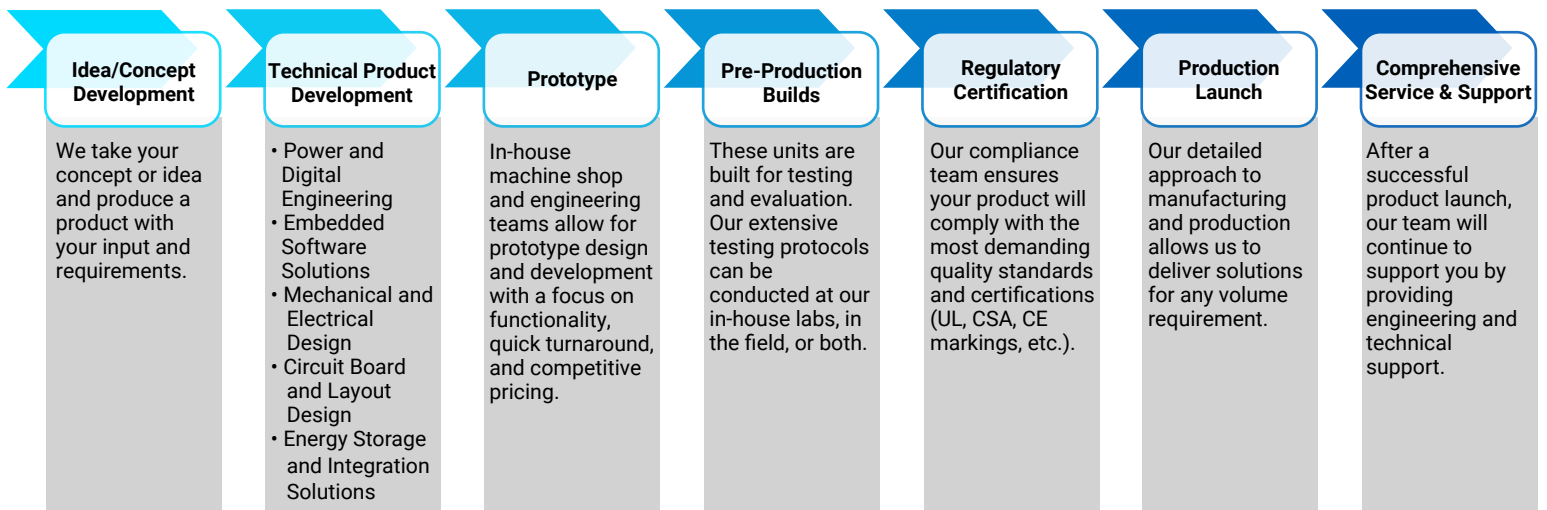
DID YOU KNOW?

We are proud to say that we are 1 of 7 companies worldwide that produce CT tubes out of our state-of-the-art CT manufacturing facility.

What We Do Best

Product Development Cycle

Richardson's engineered solutions approach puts your needs first while leveraging our expertise in both design and manufacturing. With our passion for product quality, we have built a reputation for unmatched reliability. We stand behind every product we deliver – with our exclusive testing protocols, expert engineering team, and state-of-the-art manufacturing facility, you can be confident that Richardson Electronics is the better choice for your engineered solutions.





Production Line Implementation

Scalable Production Lines - Quantities from 10 to 100,000+

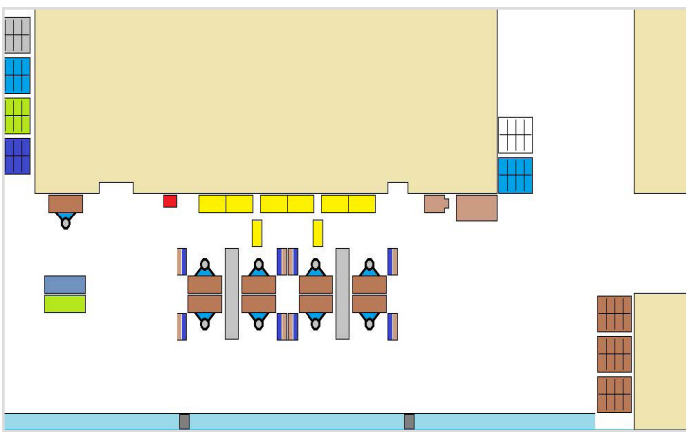


Illustration of production line



Live production line example

We are more than just another manufacturer. With over 75 years of expertise, our team is dedicated to providing exceptional service and support as we develop your production line to meet your needs. Due to our vertical integration, our capabilities include but are not limited to:

- Handling Return Merchandise Authorization (RMAs) with ease, creating refurbishment programs, and providing failure analysis upon request
- Creating product stocking plans with warehouses all over the world
- Manufacturing your product with a global network of certified partners
- Offering a highly adaptive workforce to quickly produce high quality products
- Delivering solutions for all types of order sizes
- We are a UL-DQS registered firm, certified to ISO9001 and ISO13485. We provide our customers with the assurance that our engineered solutions are held to the highest standards while being produced in a timely manner.

**DID YOU
KNOW?**

We support a variety of industries such as Healthcare, Green Energy, Avionics, Marine, Wireless, and more.

In-House Manufacturing Capabilities



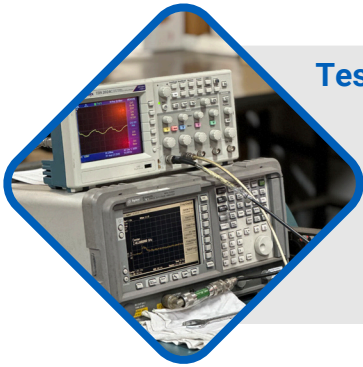
Cable Manufacturing

- Power
- Data and Communication
- RF
- IPC/WHMA-A-620 certified



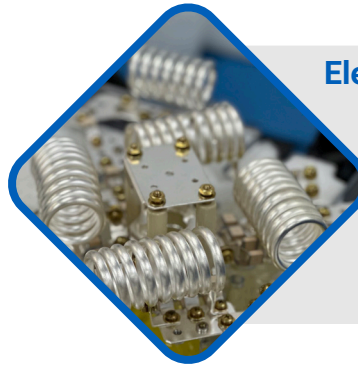
Vacuum Tube Production

- Magnetron Conversion
- CW Magnetron Manufacturing
- CT Replacement Tube Manufacturing



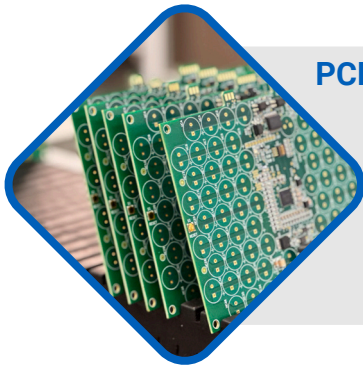
Testing and Validation

- Custom Test Sets
- RF, Digital, and Power Testing
- SPC Tracking Available



Electromechanical Assembly

- Industrial Equipment
- Microwave Components and Sources
- Power Conversion Equipment and Systems



PCB Assembly Capabilities

- Pick and Place Lines
- Wave Soldering
- AOI on every board
- Automated conformal coating
- X-Ray Inspection



Machine Shop Capabilities

- CNC Machining
- Sheet Metal Fabrication
- In-house Plating
- Welding
- Brazing

To learn more about how we can help you design and build a custom solution to meet your specific requirements, contact sales@rell.com.