

intellidesign

Experts in Electronic Design and Manufacturing

IntelliDesign works with innovative companies who need robust electronic solutions for challenging industry applications. Combining 27 years of experience with your industry expertise we will design customised electronic solutions that allow you to be more effective in your industry.



As your complete product development and manufacturing partner, we will immerse ourselves in your challenges and accompany you on the entire journey, from concept to manufacture and beyond. We are with you for the long-haul to make sure that your Smart Solution stays market-leading.

Technology Leading Capability

- With 95 staff including 30 engineers / designers and 55 experienced production technicians, IntelliDesign has all the required disciplines for the development of a successful product, including: electronic hardware design, firmware and software design, industrial design, project management, quality management, PCA assembly and final product assembly and testing.
- We have a well-equipped assembly facility, including three automatic PCA assembly lines, Automatic Optical Inspection, X-ray, Automatic Conformal Coating, Flying Probe Tester, Thermal Chambers and Vibration Table all housed in a modern purpose-built 1800 square metre building.
- Our continually improving robust management system tracks your Smart Solution as it passes through our 'concept + design + manufacture' phases, ensuring that you get what you want in a timely manner.
- Our unique enterprise resource planning software allows every stage of our manufacturing process to be tracked in real-time, providing live data on how it is progressing.

Broad Global Experience

IntelliDesign has experience across a wide range of industries – Medical, Mining, Defence, Transportation, Rail, Chemical Control, Civil Engineering and IoT.

Some of our international clients include:

- **Rheinmetall** – manufacturing of printed circuit assemblies
- **Northrup Grumman** - Secure Communication Platform
- **Boeing**- Power Supply for battlespace communication system
- **Curtiss Wright** – Build to print of turret drive system for BOXER vehicle
- **GE Mining** - Collision Avoidance System
- **Cook Medical** – High precision vacuum pump for IVF
- **Siemens Rail** - Automatic Train Protection Modules (SIL rated)
- **Topcon Positioning** - High Accuracy 3-axis Tilt Sensor
- **Centre for Advanced Imaging** – Portable MRI machine

Certifications and Achievements

- AS9100D Design and Manufacturing
- ISO 9001:2015
- Multiple International Design Awards.
- Staff trained to meet IPC-A-610, IPC-7711/7721 and J-Std-001 standards.

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