



SERVICE

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.

CAPABILITIES

- With 110 staff including 30 engineers / designers and 60 production technicians, IntelliDesign has all the required disciplines for the development of a successful product, including: electronic hardware, 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.

DISCRIMINATORS

- End to end solution provider including electronic hardware, software and industrial design coupled with full scale manufacturing all located on the one site.
- Totally paperless production facility providing real-time full traceability of every process that is carried out and components that are used in projects from cradle to grave. Minimising design and manufacturing errors.
- AS9100D certified for both design and manufacture.

KEY CUSTOMERS

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

- Rheinmetall – manufacturing of printed circuit assemblies
- Northrop 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

QUALITY ACCREDITATIONS AND AWARDS

- 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.

CONTACT DETAILS

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