Modular Test Platform (MTP)
A new approach to product testing
The Belcan Operating System

The operating system has been designed to work with a range of hardware modules. Offering independent functions and drivers that provide both reduced development times and minimised risk when compared to completely bespoke system.

Key Features

- Cost Reduction – The MTP system can offer up to 50% cost savings in comparison to an equivalent specific to ‘Type Test’ equipment solution
- Improved lead times
- Configurable design process
- Reduced engineering time
- Off the shelf hardware modules
- Existing library of software modules
- Minimised risk – through proven designs
- Flexibility – standard modules can be used in isolation or as part of a system

The MTP is a configurable PC controlled Automated Test System, using standard modules built into a 19" rack. Each module is based upon reliable and proven technology.

The modules have been designed to function in isolation or as a complete system enabling a flexible approach to testing.

MTP Modules

- Power Distribution and E-Stop
- Safety Interlock
- High Voltage Relay Module
- Power Supply Units
- Digital Multimeters
- Insulation Testers
- Low Power Multiplexer (MUX) Modules
- Leak Decay Units
- Motor Drivers
- Motor Torque Transducers
- Oscilloscope
- Laser Marker
- Vision Systems
- Bar Code reader
- RF ID readers
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By standardising modules it reduces engineering design costs to deliver a cost effective test solution compared to Specific to Test Type Equipment (STTE) without compromise on quality.

Global Delivery Network

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- 60+ Locations worldwide