

## Company Policy

It is the policy and overall business objective of ecoswitchgear to provide services of the highest quality and in compliance with the clients specified requirements.

It is also the objective of ecoswitchgear to enhance its reputation and capabilities in order to gain wider recognition in its field of expertise. Ecoswitchgear recognises that genuine commitment to understanding the present and future needs of its clients is essential to the achievement of these objectives and thus continually strives to ensure that the needs and reasonable expectations of the clients are realised in the quality of the services it provides.

Within the above policy objectives is the fundamental requirement to improve the planet, this we try to achieve by have a light touch, a determination not to pollute or over degrade our environment. To this end we comply implicitly with the requirements detailed in ISO 14001. Many of our products have been designed from scratch to be as ecologically friendly as possible.



# MERTECH

## COMPANY PROFILE



### Quality - ISO 9001 - 2000

We have been ISO 9001 approved for over 10 years. It is the policy and overall business objective of ecoswitchgear to provide services of the highest quality and in compliance with the clients specified requirements.



### Environment - ISO 14001 - 2010

We are beginning the task of becoming ISO 14001 approved. By an overall policy of renewable energy use and a philosophy of reduce, reuse and recycle we expect to receive approval this year.



### Equipment - IEC 61439 - 2

Our switchgear is not only environmentally acceptable it is designed to the highest engineering standards. With the new IEC 61439 now out all our switchboards comply the relevant parts of the standard.



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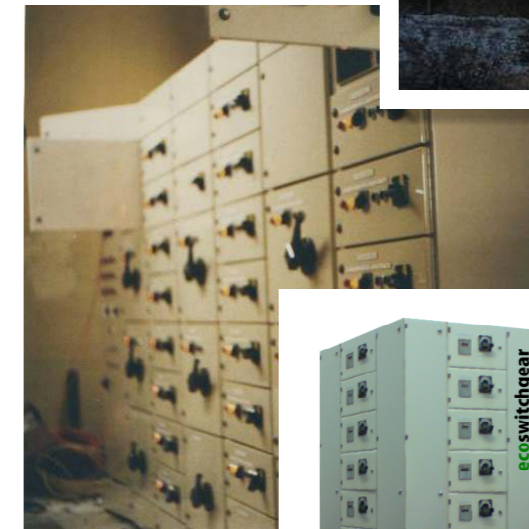


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# MERTECH SWITCHBOARDS





**Jim Robb**  
Managing Director



**Chris Murphy**  
Engineering Manager



**Lloyd Blakey**  
Production Manager

## Company Profile

Mertech Switchboards is a Control Panel and Switchboard manufacturer with an extensive range of equipment. The company is based in Luton Bedfordshire and has been in business for more than 30 Years.

The company's principle products are low voltage power distribution switchboards and electrical control panels. Specialists in the design of generator synchronising panels and power factor correction equipment, PLC and intelligent power distribution (ipdu) systems. Mertech boast worldwide applications in the petrochemical and related industries, public utilities, office buildings and industry in general.

In addition to our own established range of high quality equipment we are authorised switchboard builders for Schneider / Merlin Gerin switchgear including the modular Prisma range.

### Registration:

Mertech has been working in this industry since the early 1960's, Mertech Switchboards Ltd was registered as a company in 1979.

### Accreditations:

ASTA Certified busbar systems  
ISO 9001:2008  
Members of Chamber of Commerce for Bedfordshire  
ISO 61439-2



### Quality Assurance:

Mertech operate a fully comprehensive quality assurance system covering all aspects of the business, including engineering standards, health & safety and the detailed recording of technical data.

### The future:

Mertech are planning to undergo completion ISO 14001 Environmental Management System to compliment the new range of environmentally friendly switchgear we are currently developing

## Some of our customers

**Barclays Bank - Brown & Root - BP - Nat West Bank**  
**Shell UK - RCL - Vauxhall Motors - Unatrac International**  
**Mitsubishi - Briggs & Forrester - J.P Kenny**  
**Khalda Petroleum - Hall & Kay - SPP Ltd - Encon Ltd**

## Projects



**Encon Special Contracts Ltd**  
Heathrow Expeditors Site  
2011



**J.P Kenny Ltd**  
QASR Gas development project  
2008



**Mitsubishi Vietnam Ltd**  
Generator Control Panels  
1000 per year



**Mitsubishi Singapore Ltd**  
Generator Synchronising Panels  
Standard Product



**Silverline Constructions**  
4000 Amp Canalis Busbar  
2013

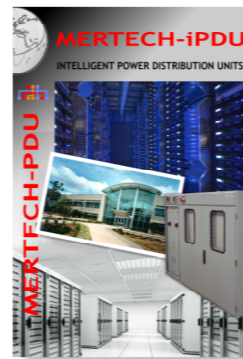


**Abu Dhabi Water & Elec Dept**  
Instrumentation Panels  
2000

## Innovation

Mertech are always inovating and bring new products to market. Two of our latest products are:  
The Intelligent Power Distribution Unit (iPDU) and the MerTower.

### Mertech iPDU

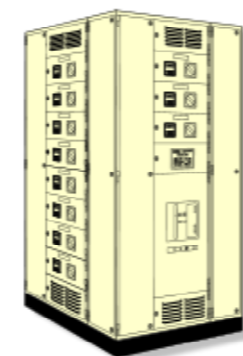


Increased server power consumption has made the management of rack critical power supplies and their energy consumption an essential objective of the data centre manager.

The Mertech intelligent Power Distribution Units incorporate advanced technology configured to provide final circuit current, power and energy monitoring down to individual server rack level. Alarms, status diagnostics, and essential measurements are also integrated to ensure effective critical power management.

The PDU facilitates continuous control of critical power systems, and with 'at a glance' PDU diagnostics you can establish the nature and cause of problems before they arise. Since its launch the Mertech - PDU has set the industry standard and, due to its ease of integration, is now monitoring thousands of circuits in UK data centres.

### MerTower



The MerTower is a revolutionary new switchboard product. The concept and design are registered trade marks. The use of a three dimensional space allows up to 50% reduction in raw materials and up to 75% reduction in copper busbars.

By utilising a four sided tower system we have been able to reduce the requirement for the fault rated busbar system to the very minimum. But we are still able to ensure a fully certified fault rated Form 4 switchboard that complies with all the latest IEC requirement as laid out in the new IEC 61439-2.

The design, although being the most ecologically friendly method of manufacture, increases busbar current rating and chamber size which helps with temperature reduction. It also allows increased cabling access with each cable chamber having front and side doors which assist greatly when installing feeder cables.