

## Welcome:

to the November issue of Verotec's newsletter, TecNews. We hope that you will find the information useful.

This month we have included articles on Verotec's range of VeroPower power supplies and a recent special project, where Verotec designed and supplied customised VME Chassis for a military application. Look out for more product information and features in future issues.

## Latest News:

### **Verotec - invests in latest version of Pro-Engineer**

In fact it is now called "Wildfire 5" and it is the latest version of PTC's 3D Modelling software. Wildfire gives Verotec the capability to design both electronic and mechanical systems. Over the coming months Verotec's design team will be adding all of the company's products to the database file. One really useful feature is the ability to supply 3D pdf files which can be viewed using Acrobat v9. This gives Verotec the ability to review designs with customers before manufacture.

## Handbook 2010/11

To receive your complimentary copy of the 2010/2011 Verotec Product Handbook, simply register your details by clicking on the link below. As well as being a catalogue of our products, the handbook also acts as a technical reference for some of the industry standards in electronics packaging



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## Headlines

- **Welcome / Latest News**
- **Product Feature: VeroPower - Power Supplies**
- **Recent Projects: VME64x Systems**

## Product Feature: VeroPower— Power Supplies

The PK, VP, EC and GK family of 3U and 6U pluggable power supplies provide AC-DC or DC-DC power conversion in a wide choice of outputs. All units feature the DIN41612 H15 connector with industry standard pinning in the standard 19" Eurocard form factor. Three ranges of AC-DC units are available. The PK range has 115/230VAC switchable or wide input voltage and single, double or triple outputs with power ratings from 30 to 240 Watts. The units are convection cooled, improving system reliability, and feature remote on/off and powerfail, outputs are adjustable and have automatic short circuit protection. The 80 and 150 Watt VP range features autoranging AC input, active power factor correction,

power sharing between different voltage outputs, N+1 redundancy capability and are available with or without a front panel. The EC low cost alternative to the PK and VP range are housed in steel cassettes and are not fitted with a front panel. The GK range of 30 to 120 Watt DC-DC converters is produced in 3U and 6U versions with either 12, 24 or 48VDC input and single, double or triple voltage outputs.

**VERO/power**



## Recent Projects: VME64x Systems

VME64 Extensions (ANSI/VITA 1.1-1997) is an open, industrial computing architecture used in embedded systems and often adopted in military applications. Verotec manufacture and supply a range of compliant backplanes, power supplies, associated mechanics and add extra value by providing system design and integration services. We've recently completed a project to design and build a number of customized VME64x chassis for a leading defence contractor. Working closely with the customer



during the design phase and using modelling technology ensured that a number of specific environmental and regulatory standards were successfully met.