

Welcome: to the February edition of TecNews.

This month we have features on KM6 Heavy Duty Subrack, which has recently been tooled by Verotec and a feature on a special Diplomat case, which has been integrated with a power supply for a leading biophysical sciences company.

Latest News:

Verotec are pleased to announce that the company's quality systems have now been approved to ISO 9001. This standard includes both manufacturing and design and is a strong statement to the commitment that Verotec's senior managers have made to further developing the company.



Verotec is enjoying unprecedented growth, despite the ongoing talk of recession. In February Verotec will have a record month for sales of enclosures, systems and accessories. Tim Armstrong, Commercial Director, said "Our core values of quality, service and technical strength coupled with growth in the manufacturing sector have resulted in our increased level of business."

If you would like to know more then please contact Verotec's sales team on 02380 246900 or e-mail: sales@verotec.co.uk

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Headlines

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- **Product Feature: KM6 Heavy Duty Subrack**
- **Recent Projects: Customized Diplomat Case**

Product Feature: KM6 Heavy Duty Subrack

Designed for use in rail, military, aerospace and other harsh environments where electronic equipment will be subject to shock and vibration during use, the ruggedized KM6-HD subrack system from Verotec is designed to meet MIL-STD 167, the US Department of Defence Test Method Standard. Manufactured as standard in 3U, 6U and 9U heights, depths of 160mm, 220mm and 400mm and in 42HP half and 84HP full widths, the IEEE 1101.10/11 compliant KM6-HD 19" subrack features positive guide locking and retention, heavy-duty front and rear tie bar extrusions with two screw fixing, 3mm thick side plates and rack mounting angles and a conductive finish throughout. KM6-HD meets the requirements of VME64X, OpenVPX, cPCI and similar open architecture specifications.

The 160mm plastic guides are suitable for 1.6mm PCBs and are retained front and rear with a screw fixing. The moulded guides incorporate required features for IEEE 1101.10 systems including front panel coding, handle pre-location and ESD functionality for both front panel and PCB. 80mm guides are also available for rear transition applications.

KM6-HD is fully compatible with all other KM6 subracks, enabling a single design to migrate from a standard subrack into the heavy duty version when required for different applications.



Recent Projects: Customized Diplomat Case

The *DIPLOMAT* case is our flagship 19" desktop enclosure and is used in many applications by many customers around the world. Whilst Verotec offer an extensive standard (off the shelf) product offering, the scope of our supply does not end there. To complement our catalogue items, we offer a full design, manufacturing and integration service that allows customers to customize our products to their specification.

This Diplomat case was recently supplied to one of our scientific instrumentation customers and involved specially machined front and rear panels plus full integration and test.

