

Welcome to the January issue of Verotec's newsletter, TecNews. This month we take a look at our LBX case – an attractive desktop enclosure designed to house eurocards, and also feature a special VME project for a leading tactical systems company. We'd like to take this opportunity to wish all our customers a prosperous 2011 and look forward to working with you.

## Latest News:

Phase 1 of our new website will be launched on February 7<sup>th</sup> which will provide a better insight as to the products and services offered by Verotec. Phase 2 will include a powerful part number search facility for all our products along with a landing page for each item, allowing quick access to technical and commercial data for our customers. This is planned to go live in March. Verotec has enjoyed steady growth in 2010 and are forecasting the same in 2011. In response to this, we're strengthening our team with the addition of a technical application specialist to better support our commercial bus-based systems 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](mailto:sales@verotec.co.uk)

## 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 the standards we work with.



[Handbook Request Click here](#)

## Headlines

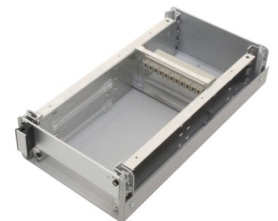
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## Product Feature: LBX Eurocard Case

The LBX Eurocard Case provides a unique solution to horizontally mount eurocards rather than using a conventional subrack. By using mouldings and threaded flanges at the corners of the enclosure the LBX is able to accept 3U or 6U eurocards which are mounted on KM6 front panels in a range of widths up to 24hp. The benefit of the LBX case is that it offers a "stand alone" solution to systems designers for a limited number of PCB's. If the system grows then either more LBX cases can be added or the PCB's can be fitted into a subrack based architecture, which means that the original units do not have to be replaced or discarded.

The LBX case range has a number of accessories which include, a connector carrier which means that 2 part DIN 41612 connectors can be used, a chassis plate which can be fitted directly to the enclosure base using "stick on" stand-off's and packs of guides which clip into the side plates. Behind the optional connector carrier, there is sufficient space to add a power supply or interconnecting cables. The rear panel that is supplied with the LBX case is captured by the rear mouldings and the top and bottom covers, its finish is anodized aluminium which, can easily be punched or drilled to allow interconnection and power for the equipment.

The enclosure provides a stylish appearance and has sufficient room for interconnection and cabling. The LBX lid and base are manufactured from steel which is coated in pale grey powder paint. The corner mouldings offer the option, by rotating them, to either fix the front panel using the standard front panel fixings or optionally the panel can be captured in the mouldings without front panel fixings.



## Recent Projects: VME Test Chassis

A leading military tactical-systems company in the US has taken delivery of the first VME test unit from Verotec; based on the VME64 Extensions embedding computing standard. Designed as one of a suite of products the 6U chassis provides 10 x VME64x conventional slots with 1KW of power and an impressive cooling scheme for high power boards. The customer specification included a rear transition area with plug-in test points, ESD point, serviceable fan tray, voltage & fan monitoring and IEEE1101.10/11 functionality. Other versions in the range include a full width (21 slot) and open-frame type allowing side access to interrogate / test PCBs in circuit.

