

Welcome:

This is the 22nd edition of TecNews, the newsletter from Verotec. This month's latest news concerns our welding approval to ISO 4872. We feature our Commsrak and Labrak 360 products and discuss a custom VME chassis for the US Navy

Latest News:

In order to meet the requirements of Network Rail, Verotec is now able to weld to meet BS 4872 standards. This allows Verotec to supply products which call for "non safety critical" welds that are supplied for the rail network though are not part of the actual train or track.



Currently Verotec is able to supply aluminium assemblies and enclosures up to 6mm in gauge and hopes in the near future to be able to supply a similar service for sheet steel components and enclosures up to 3mm in thickness.

Importantly this is not "coded" welding but a more general standard where the welder is approved to perform a specific type or types of weld. Adopting this standard allows Verotec to provide a wider range of services to the rail and other transport industry customers.

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

Headlines

- **Welcome / Latest News: Verotec welds to BS 4872**
- **Product Feature: Commsrak & Labrak 360**
- **Recent Projects: Custom V9 VME Chassis**

Product Feature: Commsrak & Labrak 360

Commsrak and Labrak360 are two products based around a common 19" open cabling frame, designed for applications where all round access is required. Both types are available in heights of 12, 37 and 42U with a static load rating of 150kg for all sizes. They are finished in RAL 7035 grey. The verticals feature standard 19" panel mountings with a regular repeating pattern of cable management cut-outs to allow front to rear cabling. The units are supplied in flat pack form with only one type of fixing used throughout.

Commsrak is a wall mounting version suited to the IT industry and particularly useful for cable patching. The frame is secured to the wall by four heavy duty brackets that provide a 400mm stand-off between wall and 19" panel mount.

Labrak360 is a floor-standing variant aimed at the laboratory / test environment. The minimal design of a frame with a floor standing kit provides unrestricted all-round access to the 19-inch frame, making setup, configuration and testing of the installed equipment a very easy process. The floor standing kit fits within the industry standard 600x600mm footprint and is fitted with castors (braked and un-braked) to make locating it in the required position a simple task.



Recent Projects: Custom V9 VME Chassis

SPAWAR is one of three major US Department of Navy acquisition commands. It delivers higher-end Navy information technology products and services to the fleet and other Defence Department stakeholders. Verotec has recently successfully designed, manufactured and supplied a number of custom VME chassis to SPAWAR for further system integration and deployment. Based around our standard V9 chassis, the 19" rack mounting 9U systems incorporate a 21 slot 6U recessed card-cage fitted with 3 x VME backplanes. The units are powered with a 1KW AC-DC converter and integrate an optimized cooling scheme where cold air is drawn through a vented & filtered front panel and up through the card area via a removable DC fan tray. Warm air is then exhausted out the rear via a ducting system. The front panel also houses fan & voltage status indicators, DC enable & system reset switches and an ESD point.

