Press information

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**Verotec chosen to supply KM6-HD-based systems for a major US land-based military project**

Verotec has been selected by a top ten global defence contractor to supply seven different variants of VMEbus system hardware, backplanes and PSU sub-systems for a land-based anti-tank system. The systems are based on the ruggedised 6U 84HP 160mm deep [KM6-HD subrack system](http://www.verotec.co.uk/subracks-c-1.html), fitted with one of seven different sizes of five to 16 Slot passive termination backplanes according to the requirements of the individual application. A custom front panel is standard across all variants, as is a 6U PSU cassette.

KM6-HD, the ruggedised variant of the popular KM6 family, has been independently tested to MIL-STD-167 and has met its requirements both as an empty chassis and when partly and fully loaded with PCBs and modules.MIL-STD-167 is the globally accepted specification for shock and vibration test criteria in rugged applications; conformance is an internationally recognised assurance that the tested equipment is suitable for use in hostile environments. The KM6-HD subrack’s design includes positive guide locking with optional screw-down retention. Heavy-duty two-screw tiebar fixings into the 3mm thick side plates to give precision location, good rigidity and resistance to bowing or twisting. To conform to the requirements of major backplane architectures such as VMEbus, VXI, VME64x, VPX, VXS, cPCI and PXI, an Iridite NCP conductive finish throughout and slide-in double swipe RFI continuity gaskets fitted to the 19” rack mounting angles and rear closing angles providing electrical continuity to adjacent panels in the front and rear apertures. Side plates are solid; solid top and bottom covers may be fitted to preserve EMC integrity; EMC vent pattern covers that facilitate cooling are also available as standard. Front and rear closing panels provide a fully screened EMC environment; inject/eject front panel handles, grounding clips, ESD clips and coding keys are available.

\*\*\* Ends: body copy 290 words \*\*\*

**Notes to editors.**

**Released 28 January 2019**

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