

Nominee: Excel Networking Solutions

Nomination title: Excel Networking Solutions

Excel is a world-class premium performing end-to-end infrastructure solution – designed, manufactured, supported and delivered – without compromise.

Excel is driven by a team of industry experts, ensuring the latest innovation and manufacturing capabilities are implemented to surpass industry standards for quality and performance, technical compliance and ease of installation and use. With an emphasis on compatibility and standards compliance ‘from cable to rack’, reliability and product availability, Excel is the complete trusted solution

The Environ range of racks and open frames from Excel are designed to make installation and ongoing use quick, easy, and efficient. The breadth of designs and products available make them ideal for a wide range of applications in the data centre, enterprise, security and professional audio visual market.

Excel: by design

The Environ range of racks and open frames provide:

Simplicity by design

Logical part numbering scheme to make specification and ordering quick and easy

- Online configurator to make enquiring and ordering quick and easy
- Quick release front and rear door hinge system
- Baying kit, jacking feet and load bearing castors included with all CR, ER and SR racks
- 19” profiles can be moved quickly and easily without being removed

Performance by design

- Multipoint locking system standard on ER and SR range
- Rack loading capacity of up to 1300kg

- **Mesh doors provide in excess of 70% ventilation**
- **Manage in excess of 1500 Category 6 cables in high density vertical management**
- **Managed rack mount power distribution units**

Flexibility by design

- **Choose from 5 different ranges of rack and frame**
- **Choose from multiple heights, widths and depths**
- **Purchase assembled or flat pack**
- **Bay CR and ER racks together where necessary**
- **Modular power distribution units enable socket mix and density of your choice**

Specification by design

- **High capacity vertical management as standard in all 800mm wide CR, ER and SR racks**
- **Improved features and range of high capacity cable management across OR range**
- **Bay racks together with and without side panels**
- **Multiple cable access points within top and bottom plates**
- **Horizontally split 'top and bottom' side panels on SR range**

Services by design

- **360° online photography to help you choose the ideal product for your installation**
- **Large stock holding across most EMEA markets**
- **Free next day delivery to UK Mainland**
- **EMEA wide sales and technical support teams**
- **Supported by the 25 Year Excel Warranty Programme**

Impact on Market and Customers

The Environ SR and OR racks and open frames have given customers access to an affordable high quality product.

Excel Environ offers an unprecedented supply and variation of racks, which can be delivered quickly to site.

Environ vertical management is deeper than its predecessors making it far better and easier for cross connect patching.

Environ racks fitted with Excel 0.5U patch panels offer extremely high density patching fields by not using up U space with horizontal cable management at total of 2016 ports are available (48 ports per 1U for the 42U rack).

Environ SR Racks

Key Features and USP's

The SR racks are versatile racks fitted with a wave vented front door and double vented rear doors and have a whole host of features that make them suitable for a wide range of applications in the data centre and communications arenas:

- **SR600 (mm) and SR800 (mm) width**
- **Anti-tilt kit can be fitted – giving greater stability**
- **29U, 42U and 47U heights**
- **Grey White or Black colour – RAL 9002 and RAL 9004**
- **1300Kg load capacity**
- **Removable and sliding base panels for cable entry**
- **Wave design mess style front door – provides extra rigidity**
- **Swing handle two point lock front door**
- **Full height front and rear adjustable 19" profiles**
- **Galvanised steel 19" mounting profiles**
- **Supplied assemble or flat pack**
- **19" profiles marked with U height position**
- **70% ventilation front and rear doors**
- **Secure quick release hinged doors**
- **Doors open 235 degrees and 180 degrees**
- **Removable side panels – horizontally split on 42U and 47U, with locking latch mechanism no pins, making it manageable for one person to remove and replace**

- **Standard compliant: ANSI/WIA-310-E, IED 60297-2, DIN 41494 Part 1 & 7**

Environ OR Racks

The OR Open Rack is an ideal solution where there is a secure environment for the installation of high density copper and fibre optical cabling.

- **2 post rigid aluminium construction**
- **42U, 48U and 52U heights**
- **19" profiles marked with U height positions**
- **1500Kg static load bearing**
- **Simple M6 threaded 19" profiles**
- **Available with adjustable depth profiles**
- **Simple bolt together assembly**
- **Compatible high density cable management**
- **Supplied flat packed**
- **DIN41494 compliant**
- **Heavy duty top and base cross members**
- **25 year system warranty available**

Why nominee should win

- **Racks can be built to customers exact specifications and delivered direct to installation site**
- **Racks can be delivered via Placement Plus service which includes delivery of the product to a specific location within a building, and includes the removal of packing once the cabinet is in position.**
- **Removal of all packaging from site – ISO 14001**
- **Standard M6 screws on both SR and OR ranges**
- **A vast range of cable management options are available allowing the installer to mix and match to obtain several configurations**