

**HellermannTyton's RapidNet supports
PEER 1's state-of-the-art Data Centre**

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PEER 1 Hosting is one of the world's leading web hosting providers, operating 20 data centres

servicing 12,000 customers worldwide. The latest data centre in PEER 1's global portfolio uses HellermannTyton's RapidNet pre-terminated cabling system to provide the copper and fibre infrastructure over which PEER 1's Cloud and other managed service offerings are delivered. The design and performance of the cabling network is critical to the ability of PEER 1 Hosting to deliver the high level of service required by its customers and as such, the selection of the cabling partner was a key decision in the development of the data centre.

PEER 1 Hosting offers its state-of-the-art 60,000 sqft data centre in Portsmouth, UK to the business communities Globally. The data centre, open since October 2011, provides customers with the opportunity to co-locate equipment and provide fully managed services at the most energy efficient data centre in the UK, as well as providing access to fast 10Gb backbone connectivity through PEER 1's FastFiber network.

PEER 1's Portsmouth data centre offers customers access to 11MVA of available power; space for 20,000 servers; and a predicted Power Usage Effectiveness (PUE) rating of 1.1, the lowest in the country. The site is likely to appeal to companies looking to store their data away from large metropolitan centres for the purpose of disaster recovery; customers seeking to minimise their carbon footprint; and for businesses looking for fast connectivity to the London Internet Exchange (LINX) via PEER 1's FastFiber network. (LINX) via PEER 1's FastFiber network.



When considering the cabling network within the new data centre, performance, speed of install and space were key requirements as well as the need to have a high level of service and support from the manufacturer.

Mike Duncan, DC Manager, selected HellermannTyton's RapidNet pre-terminated system to meet his needs. He explains, "RapidNet was the ideal solution. To meet the completion dates of the project, and with customers waiting, I had to get the cabling completed as quickly and efficiently as possible. A pre-terminated system



enabled me to significantly reduce the installation time as well as ensuring that there were no subsequent performance issues which might have delayed the DC opening. I also needed to save rack space in key areas which we achieved with the RapidNet MTP VHD product."

Mike Duncan goes on to explain: "an important requirement was to provide fibre links from the Meet Me room to the client spaces. With limited rack space in the Meet Me room and restricted fibre pathways, I needed to reduce the patch panel footprint and keep the fibre backbone and trunk physical cable sizes to a minimum. RapidNet MTP VHD reduces the U space I need for connectivity by over 80% as well as providing a high fibre count in a small diameter cable."

Commenting on HellermannTyton's selection as a vendor partner Mike Duncan said, "for me, working within a genuine partnership means quick response times; quality cabling advice and assistance with the right product selection; and a proven track record in the DC market.

HellermannTyton have worked in partnership with us from the beginning and continue to support our needs as the DC expands."

HellermannTyton's Business Development Manager, Ronan McGarry, summed up the project by saying, "working closely with Mike helped HellermannTyton to meet the specific requirements of PEER 1's latest DC. We were able to use our experience to match our products to the real life conditions and demands of a leading edge Data Centre, where the need for flexibility to meet the clients' needs is paramount. This is only made possible by getting the background cabling infrastructure right from the outset. HellermannTyton's RapidNet range proved the ideal solution."

Case Study Classification	
System	RapidNet MTP VHD
Performance Standard	MTP Fibre
Segment	Data Centres

About HellermannTyton

Founded in 1988, HellermannTyton Data Ltd is an established leader in the design, development and manufacture of innovative network infrastructure solutions for both LAN and WAN environments. The company offers a broad range of quality, high performance structured cabling products including Deca¹⁰, the category 6A solution to support 10G; the unique pre-terminated, 'plug & play' RapidNet™ system; iD intelligent infrastructure management; and a full range of market leading closures for Broadband applications incorporating the patented Cablelok™ mechanical seal. Based in Northampton, UK, the company is part of the global HellermannTyton group with operations in 34 countries worldwide. For more information visit www.htdata.co.uk

About PEER 1

Established in 1999, PEER 1 Hosting supplies a broad range of Internet infrastructure solutions to businesses all over the world. All delivered over the rock-solid and reliable FastFiber Network™. From startups to established businesses, PEER 1 Hosting provides highly scalable solutions that respond at Internet speed. From Co-location and Managed Hosting to Dedicated Servers and Cloud, PEER 1 Hosting has experience and expertise in providing an extensive range of solutions.

