Peripheral Vision:
A fresh look at connectivity

The way we deploy LAN's is changing: *it has to*. Our clients now require connectivity for peripheral devices to allow for intelligent, economical and flexible workspaces. Devices such as LED lights, security and access devices, AV systems, sensors, nurse call, all require connectivity away from the traditional work area. In addition, the demand for wireless connectivity increases daily and will continue to do so, with performance requirements now reaching 10Gbs. All of these edge devices require connectivity, and as a Designer one must provision for that in the most flexible and future ready manner possible.

Industrial deployments
Data Centre system links
Office Cabling CP links
Audio Visual 4K
definition
Wireless Access Points
Security Cameras
Access Control

Wireless cannot be used for everything and the requirement for copper twisted pair connectivity remains strong due to its reliability and familiarity. In fact, in the face of the wireless age, *category cabling is treading new ground* in the security and AV disciplines, the last bastille of coax it could be said.

Despite new requirements in the workspace, *the design of the physical network remains largely unchanged*, often using outdated design methods to achieve connectivity. The practice of allowing for one Telecommunications Outlet at any location where an Ethernet device may reside could be viewed as inflexible and wasteful, when the actual need of that device or area is viewed objectively.

To allow for the rapid and cost efficient implementation of edge devices, R&M has the solution.

The FM45 is a field installable plug *which is terminated directly onto the horizontal cable in place of the TO and work area cord and subsequently connects straight into the device*. The intent of such a component is to remove the need of other points of failure and labour, so that connectivity can be achieved faster and easier. Using the FM45, the Designer and Installer can afford to be more flexible with the implementation, all while conforming to performance standards with the reassurance that the system is covered under the *R&M Freenet 25 years/Lifetime warranty program.*

In a discipline that has remained largely unchanged for over a decade, the FM45 breathes new life into data connectivity

The **R&M** FM45: More freedom with cabling

More details can be found here.

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