



Connecting the Construction industries

Construction Industry Focus

The construction and related industries often have to operate at remote, temporary, mobile or new locations. Providing a secure instant office environment, with full data connectivity is vital, particularly during the early stages of a job.

Very often the length of time needed for landlines to be installed is too long and expensive in remote, temporary or new locations such as construction or civil engineering sites. Additionally the latency issues associated with data satellite channels can mean real issues running your mission critical interactive applications.

Having the ability to bond multiple data channels to provide a secure, resilient data feed is something many organisations in the sector spend a lot of time and effort looking for.

The Solution—100% Internet Reliability

i-MO OptiBond™ Professional Bonding Routers address the issues of maximising available bandwidth and 100% resilience by aggregating and balancing your combined internet access, with additional low cost DSL services and/or mobile SIMS.

Our unique OptiBond™ software enables you to easily prioritise critical applications such as VPN, VoIP etc. through your strongest channels.

Our automatic failover/back feature means if one channel goes down, internet will always be available.

EMS, as the originator of commercially available Professional Bonding Routers which simultaneously bond different cellular networks plus ADSL / satellite have significant experience in this area.

Our Professional Bonding Routers, also act as an 'All-In-One' solution by enabling up to six WAN connections and up to five concurrent VPN connections and also operates as a local server to enable printing, file share etc.

As pioneers of cellular bonding technology, we have more experience than anybody else in the sector and have over 50% of the top 100 UK construction companies using our technology.



i-MO 200, 310 & 540 Series Bonding Routers

- ◆ More experience of the technology, the market and delivering this type of bonded service, than anyone else.
- ◆ High quality UK manufacture.
- ◆ This is truly an office in a box, to provide the same level of benefits would be considerably more expensive and complex with competitors.
- ◆ i-MO is the most cost effective, robust, and professional solution for enterprise mission critical applications.
- ◆ Direct access to manufacturer for instant support and knowledgeable staff.
- ◆ Enables existing IT infrastructure investments to be utilised if required making it the most cost-effective professional solution.
- ◆ Greater bandwidth for bonding and better resilience than competitors.





Case Study



Case Study of Caledonian Modular

Caledonian Modular, part of the Caledonian Group was established 20 years ago as a specialist manufacturer and supplier of “off-site” building systems.

Today Caledonian Modular is using it’s unique expertise in off-site construction systems to deliver projects from school buildings and offices through to medium and high-rise hotels, student halls and residential blocks, as well as accommodation for the Custodial and Military sectors.



Recently Caledonian has commenced work on a £121 million Ministry of Defence (MoD)/Defence Infrastructure Organisation (DIO) contract for Hercules, a joint venture between Kier Group and Balfour Beatty. The project at Lyneham, Wiltshire, will transform the former RAF airbase into the new Defence College of Technical Training. As part of Phase I of the overall project, the new facility will provide a total of 1139 bedrooms plus communal rooms and entrance foyers at a value to Caledonian Modular of £27.5m.

In common with many construction sites Caledonian found that it was not viable to install conventional fixed line connections (BT) at this location, so, in order to ensure the site based management and installation teams had full and efficient access to their Newark Head Office services, Caledonian decided to implement the i-MO (Intelligent Mobile Office).

Tristan Dixon, IT Manager for Caledonian Modular commented:-

“The i-MO unit was chosen to provide high bandwidth, redundant, wireless connectivity. The solution also provides a platform to enhance our site based activities with services such as video conferencing.”

OptiBond™



Advanced Bandwidth
Technologies



UK Head Office:
Electronic Media Services Ltd
Passfield Business Centre,
Lynchborough Road, Liphook,
Hampshire, GU30 7SB
Tel: +44 (0)1428 751655
Fax: +44 (0)1428 751654
e-mail: imo@ems-uk.com

