



Connecting the Transport industries

Transport Industry Focus

Transport companies routinely have to provide secure, reliable internet connectivity wherever customers access their services.

Whether for ticketing and CCTV over watch at remote locations, resilience at major hubs or connectivity during facility rebuilds, i-MO OptiBond™ offers the ability to manage and bond multiple data channels to provide a secure, resilient data feed almost anywhere and any time.

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

Go Ahead

Delivering Railway Station Platform security

EMS Ltd have been working with South East and Southern Railways to meet the regulatory requirement for train operating companies to provide video footage of platform activity in the event that a panic button is activated by a member of the public.

Addressing this issue at remote stations without fixed line access to broadband services led Southern Railways to contact EMS who have long experience meeting similar requirements in the Construction/Civil Engineering sector for connecting remote construction sites to Head Office systems.

The product Southern now use is the EMS i-MO (Intelligent Mobile Office) system which bonds dual 3G mobile network connections to provide a resilient internet connection with bandwidth appropriate for the application. We understand that the only alternative course of action is to install a satellite system which is significantly more expensive, so i-MO can provide a solution at those locations where there is 3G coverage (the unit is equipped with aerials and in some cases amplifiers that can maximise the signal strength in marginal areas).



According to Mark Bickmore, IT Networking Manager, Southern:-

“i-MO has greatly assisted us in meeting an important regulatory requirement.”

OptiBond™

Advanced Bandwidth
Technologies



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