



## 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 Lafarge Tarmac

- ◆ Lafarge Tarmac is a leading UK construction materials and services joint venture company made up of Lafarge UK Holdings Limited and Tarmac Limited.
- ◆ It comprises cement & lime, aggregates, ready mixed concrete, asphalt & road surfacing, maintenance services, and recycling.
- ◆ Needed a solution to provide secure VPN access at over 20 remote sites.



According to Lee Beech, IT Infrastructure Manager, Tarmac selected i-MO in preference to alternative 3G router and satellite based solutions for a number of reasons:-

*"We liked the fact that EMS had a clear focus on construction industry requirements which was reflected in both the i-MO product and in the support and logistics available from EMS. Technically the resilience and performance available from i-MO was superior to other router solutions as i-MO offers the ability to bond two data channels together. Our i-MO units can additionally be configured to support a secure VPN link and provide added value functionality including print server and traffic shaping / optimisation capabilities."*

# OptiBond™

Advanced Bandwidth  
Technologies



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