

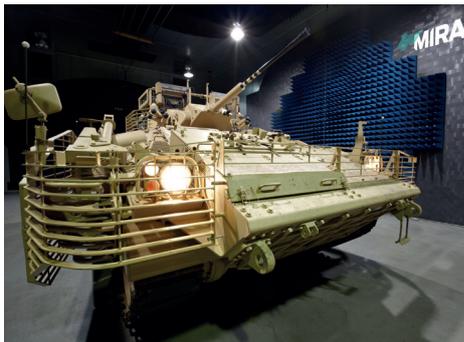


**MPE**  
Quality, Reliability, Performance

# Company Bulletin

for EMC, EMP & TEMPEST Protection

Issue 6



## MPE's powerline filters prevent EMI from affecting test chambers

For more than 15 years MPE has been supplying high-performance CleanPower™ and powerline filters to the long-established shielded room and test chamber manufacturer Rainford EMC Systems Ltd, which became MVG-EMC following its acquisition in 2012 by the Microwave Vision Group ([www.microwavevision.com](http://www.microwavevision.com)).

The images above show a Eurofighter Typhoon and British Army Warrior armoured infantry fighting vehicle (AIFV) under EMC test in anechoic chambers manufactured and installed by the Microwave Vision Group (MVG). MPE powerline filters are fitted at the power inlets of these test chambers to shield them against EMI and RFI interference.

MVG-EMC ([www.mvg-emc.com](http://www.mvg-emc.com)), comprising Rainford EMC Systems (REMC) and Advanced Electromagnetics Inc (AEMI), is now regarded as being the most reliable single source and among the market leaders in anechoic chambers and absorbing materials for antenna and EMC testing.

In September 2014 MVG-EMC moved a short distance to a bigger and better location at Haydock, St Helens, Merseyside. At 34,000 ft<sup>2</sup>, this new, energy-efficient site is better equipped to serve the needs of clients and supports the Microwave Vision Group's growth strategy in seeking to provide the very best in RF-shielded anechoic chambers and absorber materials in the global antenna and EMC testing market.

MPE has been providing single-phase and three-phase CleanPower™ and powerline filters, mainly in current ratings from 6A to 100A. They are fitted at the power inlets of MVG-EMC's shielded rooms and test chambers, which are sold all over the world. These facilities may be either large, fixed installations



MPE powerline filters mechanically fitted and awaiting electrical connection on the outside of an MVG test chamber



**MPE**  
Quality, Reliability, Performance

## Company Bulletin

for EMC, EMP & TEMPEST Protection

### Issue 6



MPE powerline filters mechanically fitted and electrically connected to the doors of an MVG shielded room

typically for defence, aerospace, automotive, satellite, telecomms and university research applications – or indeed smaller, mobile systems such as MRI scanners for hospitals and clinics.

John Noonan, Managing Director of MVG-EMC, commented: “Our international reputation means everything to us. We deliver top manufacturing quality, reliability and performance in our shielded rooms and test chambers and set the bar very high indeed for all our equipment suppliers. That is exactly why MPE has been a trusted and preferred supplier of our EMC filters for so long and will continue to be so. The compact size and weight, low heat dissipation and reliability of MPE filters make them ideal for integrating into MVG-EMC’s anechoic chambers.”

Paul Currie, Sales and Marketing Director of MPE, responded: “We are justifiably proud of such recognition that our EMC filters maintain the ultimate in high performance over years of service.”