



**MPE**  
Quality, Reliability, Performance

# Company Bulletin

for EMC, EMP & TEMPEST Protection

## Issue 2



Dave Rimmer

### Spotlight on Dave Rimmer

Design Engineer Dave Rimmer graduated in the summer of 2001 from the University of Central Lancashire (UCLan) at Preston with a BEng Honours degree in Electrical and Electronic Engineering. Then he became an engineer at an environmental monitoring consultancy north of Liverpool, where he helped to develop monitoring instrumentation for oxygen concentration, to warn of volatile atmospheres within large experimental areas.

In March 2003 he joined the MPE engineering team in his current pivotal role of Design Engineer. Accordingly, over the past 11 years Dave has acquired valuable experience and expertise designing high-performance EMC filters and capacitors of all types, for a host of defence applications in military vehicles, tactical shelters, building installations, surface vessels and submarines.

In particular he is a leading engineer in the field of HEMP filter design, applying his research and development skills with PSpice circuit simulation software to predict let-through pulse and optimise electrical circuitry to protect customer equipment from the High-altitude ElectroMagnetic Pulse threat.

Taking a leaf out of *The Motorcycle Diaries*, Dave Rimmer is a keen adventure motorcyclist, touring the UK and Isle of Man. He is also a proud supporter of Everton Football Club, watching many games with friends and family. What is more, he currently enjoys keeping fit by road cycling around the area where he lives in the Lancashire seaside town of Southport.