



MPE
Quality, Reliability, Performance

Company Bulletin

for EMC, EMP & TEMPEST Protection

Issue 2



At the Power Day hosted by IMCA in Ankara, MPE Account Manager John Parsons describes MPE's filter solutions to a new and fascinated audience of defence industry engineers

Power Day attracts defence industry engineers from across Turkey

IMCA Elektronik, whom MPE appointed last year as its new distributor for Turkey (www.imca.com.tr), hosted a Power Day seminar in January at the Bilkent Hotel and Conference Center in the west of the city of Ankara. The event was attended by over 50 engineers and senior technical representatives from various high-profile organisations operating in the Turkish defence industry.

Three of IMCA's principals – MPE, SynQor of Massachusetts and Exelsys of London – took part, each company delivering a lively and absorbing 90-minute presentation.

Sales and Marketing Director Paul Currie and Account Manager John Parsons travelled from Liverpool to participate on behalf of MPE, with John providing two highly detailed technical presentations covering the following subjects:

The principles of EMC and feedthrough capacitors

- The issues of capacitors of traditional construction
- Solving the issues with metallised plastic film capacitors
- Capacitor construction
- Capacitor insertion loss characteristics
- Capacitors in practice
- The capacitor within filter design
- Specifying power filters
- MPE's portfolio of products.

HEMP filters

- The HEMP threat
- HEMP filter solutions (shielding and filtering)
- Practical examples of HEMP filter installations
- HEMP filter design and its challenges
- The MPE range of HEMP filters.

The presentations were particularly well received by the engineering audience familiar with defence electronics, since they included a high degree of technical content. At the close of the seminar, MPE fielded a large number of questions on an individual basis, as well as several new business enquiries, some of which are now being addressed with the supply of prototype product.

Cemal Alpay, Managing Director of IMCA Elektronik, reviewed the Power Day event as follows: "The objective was to bring together key design engineers from our customers and our manufacturing principals. Rather than running a general seminar, for the first time IMCA decided to hold a focused seminar on Power Electronics.



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On the day, IMCA was very pleased with the quality and seniority of those people attending.

“The level of questions put to each supplier on a one-to-one basis also confirmed that the subject matter was relevant, and there has been a good level of feedback in the weeks following the presentations. The outcome of the Power Day has convinced IMCA to repeat this event in the future and to organise similar ones on other selected focus topics.”