



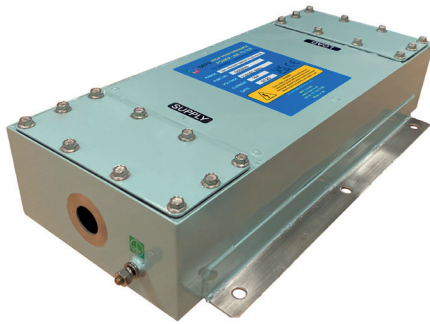
# Company Bulletin

for EMC, EMP, HEMP & TEMPEST Protection

## Issue 30



The Thales NS100 4D naval, air and surface surveillance radar



An MPE low-leakage TEMPEST power line filter for naval applications

### Low-leakage filters for Thales naval radars

Working closely with Accelonix BV, MPE's Gold level distribution partner for The Netherlands based at Eindhoven, MPE has been supplying quantities of its innovative low-leakage marine filters to Thales Netherlands, a major facility which specialises in radar systems for the naval field.

Accordingly, back in 2020 MPE and Accelonix jointly visited that Thales Group subsidiary in the city of Hengelo, Overijssel. On the visit they made product and technology presentations to ten or more members of the Thales engineering team. That process led to concentrated question-and-answer sessions, during which detailed requirements were recorded for the applications under discussion.

Consequently MPE proposed a number of its catalogue low-leakage marine filters to meet all operational conditions, whilst developing a series of new variant designs to fulfil more specialised niche requirements.

The first-off units were supplied by MPE in late 2020. Filters from MPE's extensive catalogue range included two-line 16A and 63A filters and three-line 16A and 32A filters, alongside various custom variants. In total more than 200 units were manufactured and supplied by MPE.

MPE's low-leakage TEMPEST power line filters are now duly incorporated into world-leading Thales radar solutions such as their Smart-L multi-mission radar and NS100 and NS200 naval, air and surface surveillance radars. These provide highly advanced 4D surveillance capabilities for naval platforms.

MPE was selected by Thales as their filter solution provider because of its exemplary product performance, its unparalleled track record of supply, and its expertise in customisation and the development of new solutions. The other key factor was Accelonix's deep and trusted relationship with the Thales Group in The Netherlands.

Established in 1985, Accelonix has been MPE's distribution partner for The Netherlands since 2014. Having started out as a distributor of test and measurement solutions for EMC and RF, Accelonix has grown to become a market leader in that field. Now in the 2020s, the Accelonix product range also covers everything required for pre-compliance or full compliance testing – as well as including comprehensive filter and antenna solutions.

For more detailed information on MPE's range of high-performance, low-leakage, TEMPEST power line filters, please check out [www.mpe.co.uk/products/low-leakage-tempest-power-filter-range](http://www.mpe.co.uk/products/low-leakage-tempest-power-filter-range)

Alternatively, call MPE's expert technical team on +44 [0]151 632 9100 or email [sales@mpe.co.uk](mailto:sales@mpe.co.uk)

Gold Partner

