



Paris, 28 of September 2010

## **SELEX Galileo's microelectronics expertise to be at the centre of European Microwave Week 2010**

From the 28<sup>th</sup> until the 30<sup>th</sup> September, SELEX Galileo, a Finmeccanica Company, will be exhibiting its latest microelectronics and vacuum technology at the European Microwave Week 2010 exhibition in Paris.

The Company, a leader in defence electronics, has delivered Travelling Wave Tube (TWT) and microelectronic technology for aerial and naval platforms, as well as radar and missile systems, to customers all over the world. Such platforms include the F-35 Joint Strike Fighter (JSF), Eurofighter Typhoon, Tornado, AMX, Orizzonte frigate and Aster and MAR missiles.

In the new Defence and Security scenario where surveillance systems have multi-role, multi-mission profiles, microwave microelectronics can provide a critical success factor. The technology can grant agile reconfigurable systems, multi-channel devices, reduced weight and volume, and the technology independence for European System EOM.

At the show, SELEX Galileo will be exhibiting its state-of-the-art Microwave Power Modules (MPM), High Power Amplifiers (HPA), solid state microelectronics components, TWTs and mini-TWTs.

These systems and components are products of the Company's centre of excellence in TWT and microelectronics in Palermo (Sicily), which lays claim to more than 50 years of design and production experience and counts more than 100 specialised engineers on site. The high level of expertise allows SELEX Galileo to respond with agility to customer requirements.

### Notes to editors

SELEX Galileo expertise in microwave technology includes configuration management and the provision of build-to-print manufacturing and test services. A dedicated design centre features a broad range of CAD/CAE software for the design of RF and microwave tubes, components and systems.

Microelectronic technology includes:

- Advanced thin and thick film
- Chip and wire and automated assembly methods for low cost, high volume hybrid production
- Precision microwave/RF module and sub-system assembly and test

The technology available for TWT production includes:

- High vacuum including high temperature brazing
- Cathodes and electron gun
- Automated high-power CW and pulsed testing
- Electronic microscope

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