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MBDA FRANCE AND OKTAL-SE SIGN PARTNERSHIP AGREEMENT ON MULTISPECTRAL IMAGE SIMULATION

MBDA France, part of the MBDA Group which is Europe's leading missile manufacturer, and Oktal-SE, a major force in the worldwide multispectral simulation software sector, are pleased to announce that they are putting into practice the results of their collaborative work on synthetic image simulation which started with the SCALP cruise missile programme back in 1991.

Oktal-SE software solution (SE-Workbench) is being used by MBDA to develop infrared synthetic image generation systems for use in several kinds of simulations (study, performance, man in the loop, hardware in the loop) during the development of missile infrared sensor systems.

The signed partnership agreement formalises more than 20 years of mutual complementary interest shared by both companies in developing and improving real-time and non real-time simulation solutions covering various aspects of the electromagnetic spectrum (infrared, visible, laser, radar) and associated modeling techniques and tools (such as those used for atmospheric, thermal and radiation computation and 3D databases).

As a result of this partnership agreement, both companies agree to continue to work jointly on the evolution and validation of SE-Workbench software products with regard to current developments and to pursue future cooperation opportunities as and when they arise..

About MBDA:

With a significant presence in five European countries and within the USA, in 2012 MBDA achieved a turnover of 3 billion euros with an order book of 9.8 billion euros. With more than 90 armed forces customers in the world, MBDA is a world leader in missiles and missile systems. MBDA is the only group capable of designing and producing missiles and missile systems that correspond to the full range of current and future operational needs of the three armed forces (land, sea and air). In total, the group offers a range of 45 missile systems and countermeasures products already in operational service and more than 15 others currently in development. MBDA is jointly held by BAE SYSTEMS (37.5%), EADS (37.5%) and FINMECCANICA (25%).

About Oktal-SE:

OKTAL Synthetic Environment (OKTAL-SE) is a French SME working in the field of multi-sensor simulation with 40% of its turnover achieved on the export market. The company is a software editor and provides customers with off the shelf software solutions for Synthetic Environment modeling and to simulate Infrared, Radio-Frequency (electromagnetism and radar), laser and GPS sensors, based on physically accurate models. The OKTAL-SE suite of COTS combines ray-tracing technologies with state of the art graphic-rendering techniques to enable the best in



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sensor simulation. The SE-Workbench suite is used both for Research and Development purposes as well as for immersive training applications.

The SE-Workbench software is considered as today's benchmark by several Ministries of Defence, research agencies and defense companies around the world (France, Germany, Sweden, UK, Singapore, South Korea and China).

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