OKTAL-SE
## Synthetic Environment

Synthetic Environment modelling and SEnsor simulation

OKTAL-SE is the French editor of the world class product **SE-WORKBENCH** software considered as a reference for several MoD around the world for research simulation. **SE-WORKBENCH** aims at computing the response of a 3D scene in Electro-optic and Radiofrequency domains. The performances of visible camera, infrared sensor, radar and GNSS receiver can be analysed in any locations all over the world and in any atmospheric conditions.
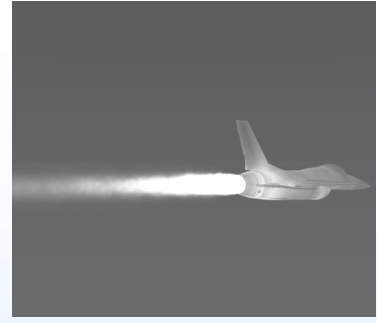

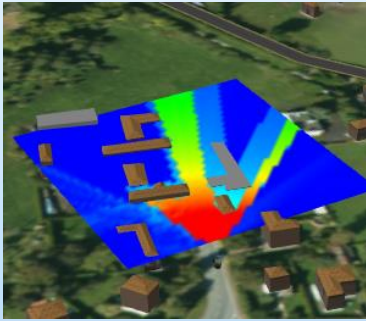**SE-WORKBENCH-EO**
Spectral visible image
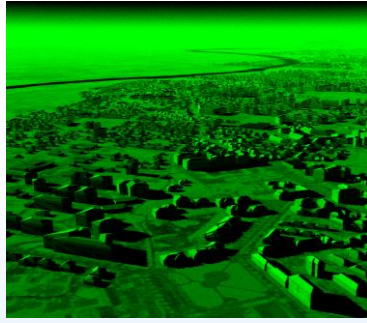
SE-WORKBENCH-EO
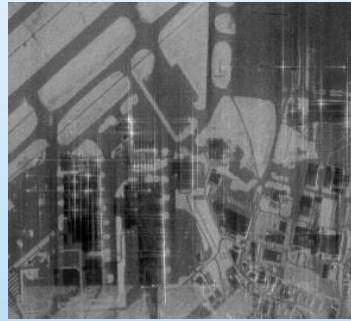Infrared sensor simulation

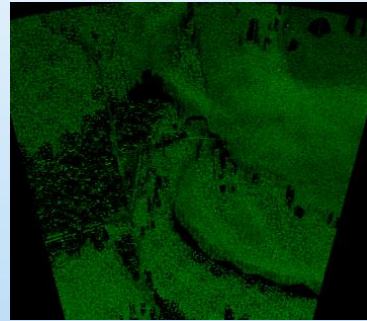**SE-WORKBENCH-AEO**
Active EO simulation

SE-WORKBENCH-EOS
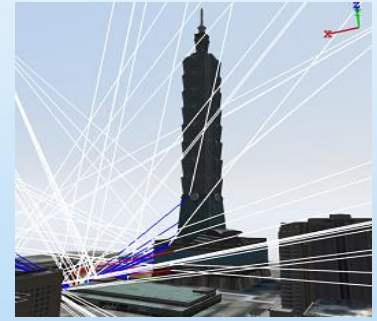Infrared signature of aircraft

SE-WORKBENCH-RF
1GHz-100GHz RF signal propagation

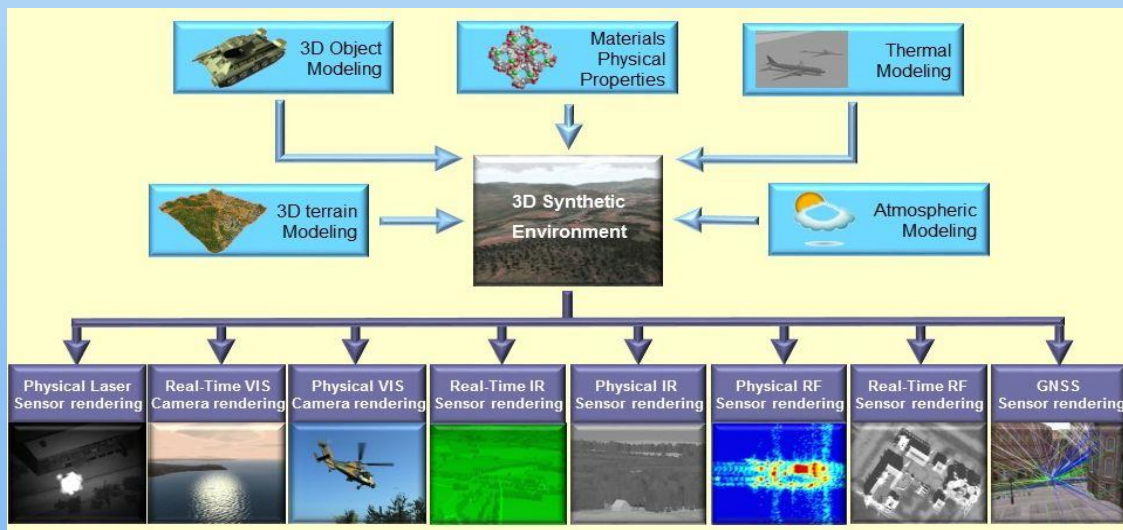**SE-WORKBENCH-SAR**
Synthetic Aperture Radar (SAR)

SE-WORKBENCH-RBGM
Real Beam Ground Mapping radar

SE-WORKBENCH-GNSS
Reception assessment in urban

SE-WORKBENCH: a unique approach for multi-sensor simulation

OKTAL-SE
Synthetic Environment

Creation of realistic 3D scenes

SE-WORKBENCH applications

Our customers have adopted the SE-WORKBENCH simulation for the development and qualification of their sensor based systems in Defence, Aeronautics, Automotive and Telecommunication domains.

Our references:

DGA — Supported by the French MoD within the CHORALE project for more than 20 years and used as a strategic tool for programs involving sensor simulation studies

MBDA — Approved by MBDA on several missile programs. OKTAL-SE and MBDA_Fr have signed in 2013 a partnership agreement on multispectral image simulation

OKTAL-SE

Mail: contact@oktal-se.fr - Website: www.oktal-se.com - Phone: +33 (0)5 67 70 02 00