

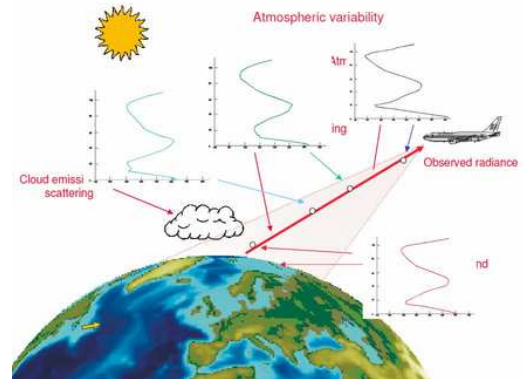
## Distribution agreement for the MATISSE 1.5 code from ONERA

### A winning partnership

ONERA and OKTAL-SE are moving ahead and strengthening their existing relations by signing a distribution agreement for the ONERA atmospheric code MATISSE 1.5. This agreement gives a real added value to the SE-Workbench-EO software and enables ONERA to widely diffuse its atmospheric modeling software.

### Added value for Electro-Optic simulation

The MATISSE software (*Advanced Modeling of the Earth for the Imaging and the Simulation of the Scenes and their Environment*) consists in the computation of natural background spectral radiance images and useful atmospheric radiative quantities: radiance and transmission along a line of sight, local illumination, solar irradiance, .... The spectral bandwidth ranges from 0.4 to 14  $\mu\text{m}$ . Natural backgrounds include atmosphere (taking into account spatial variability), low and high altitude clouds, sea and land.



### The official signature at Toulouse city hall



Mr. Bernard ROSIER (ONERA, on the left) and Mr. Jean LATGER (CEO of OKTAL-SE, on the right) signed this agreement in front of the ITBM&S (Infrared Target and Background Modeling and Simulation) audience at the occasion of the annual conference in Toulouse on June 23, 2009. The official agreement was signed in the city hall of Toulouse, under the hosting of Mr. Pierre COHEN, head master of Toulouse (represented by Mrs. Catherine GUIEN, in the middle).

### About ONERA

ONERA (*Office National d'Etudes et Recherches Aéronautiques*) is the French national aerospace research center. It is a public research establishment, with eight major facilities in France and about 2,000 employees, including 1,500 scientists, engineers and technicians. ONERA was originally created by the French government in 1946, and assigned six key missions:

- Direct and conduct aeronautical research
- Support the commercialization of this research by national and European industry
- Construct and operate the associated experimental facilities
- Supply industry with high-level technical analyses and other services.
- Perform technical analyses for the government
- Train researchers and engineers

**MATISSE commercial conditions coming soon...**

Follow the OKTAL-SE web site !

### Sample:

Infrared image in the MWIR band, using MATISSE 1.5 for the atmospheric conditions and SE-Workbench-EO for the infrared image generation.



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[www.oktal-se.com](http://www.oktal-se.com)

[www.matisse.onera.fr](http://www.matisse.onera.fr)

**OKTAL SYNTHETIC ENVIRONMENT**

2 impasse Boudeville, 31100 Toulouse, France  
Phone : +33 (0)5 62 11 50 14, Web : [www.oktal-se.com](http://www.oktal-se.com)