

- EO 
- AEO 
- RF 
- GNSS 
- RAY 

SE-STORE



Populate your virtual environment

SE-STORE is a 3D objects library dedicated to enrich 3D virtual environment. SE-STORE is made of more than 90 objects, all classified, ready to use for visible, infra-red or electromagnetic renderings

Features

- Fully compatible with the SE-WORKBENCH
- Classified texture for EO and EM rendering
- Articulated objects for motion scenarios
- Geometry compliant with real objects
- Multi LODs for optimized real time display
- Editable elements through Blender, SketchUp or 3DSMAX

On the shelf 3D OBJECTS

Objects for both military and civilian application



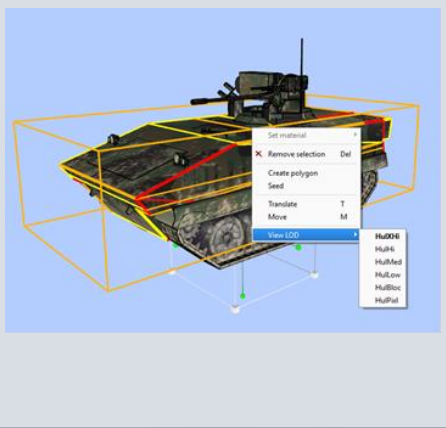
Objects with Physics inside

All objects take advantage of classified texture for embedding physical characteristics of the materials such as spectral emissivity for EO, thermal absorptivity for thermic or permittivity for EM. The classification is consistent with SE-PHYSICAL-EDITOR and its library of hundreds of EO and EM materials



SE-STORE display

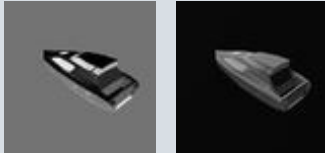
SE-STORE catalogue is provided in HTML format. Each object is displayed in the visible RGB mode, near IR, short wave IR or SWIR, middle wave IR or MWIR and long wave IR or LWIR





OKTAL-SE

Synthetic Environment



Animated human

Numbers of objects representing characters are delivered with scripts, allowing animation of the bodies for more realistic rendering



Vehicle

All types of vehicles are represented. Many types of boats, from small inflatable boat to aircraft carrier, many land vehicles from civilian car to armoured tank, many aircrafts and helicopters

Typical buildings

SE-STORE also provides a large sampling of buildings from unitary private houses to factories and bunkers



Level of Details

Most of the objects are provided with several LOD (Levels Of Detail)

Modifiable elements

SE-STORE objects can be edited with SE-PHYSICAL-MODELER. Shapes and physical materials can be modified to fit scenario and rendering needs



System

requirements

 Windows

 Linux

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