

FULLY COMPLIANT WITH NATO AEP-55 (C) STANAG STANDARD (MAS AND SWAS DETECTION).

KINETIC VULNERABILITY ASSESSMENT SOFTWARE MEASURING ANY GEOMETRY PERCENTAGE OF PROTECTED AREA.

--- ASSESS EVERYTHING
ANALYSE ANY KIND OF STRUCTURE
BASED ON ITS CAD FILE.

--- CONSIDER EVERY THREAT
CALCULATE THE VULNERABILITY OF ANY STRUCTURE
AGAINST ANY LEVEL OF THREAT.

— LEAD PROTECTION

AFTER SCREENING EVERY CORNER OF THE GEOMETRY

KVA HIGHLIGHTS ALL WEAKNESSES — LEADING TO
IMPROVED PROTECTION

Centre CEDREM
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Explosion
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CEDREM

The CEDREM is an award wining French engineering service provider specialized in composite structures and materials subjected to dynamic phenomena such as crash, ballistic impact, explosion, blast and more. **CEDREM's** team of research engineers offers expertise in all aspects of physics, electro-magnetism, materials, mechanics, fluid mechanics, explosion, ballistics, and numerical simulation.

CEDREM skills are numerical simulation of dynamic behavior, development of predictive numerical tools, research on composite materials, material law calibration, material characterization (static and dynamic), Design Of Experiment (DOE) and solution optimization.

Specialized in security and defense, and relying on a 15 years experience, CEDREM has conceived several software and plugins that have become industry references. KTex Family and HUByx are now included in ALTAIR HyperWorksTM suite.

KVA is **CEDREM** latest realease and this standalone offers the following:

- Fast and friendly user interface.
- Very light CAD abilities required.
- Full study in less than 8 weeks.
- Simulation of shots from any direction (0°to 360° in azimuth and elevation).
- Compliant with **NATO AEP-55 (C) STANAG** standard (MAs and SWAs detection).
- Calculation of protected area percentage based on CAD file.
- In-house protection database available.
- Bespoke protection integration solutions are available.

ASSESS EVERYTHING!

KVA

SOFTWARE LICENSE OR CONSULTANCY STUDIES



