Launchers Satellites Transversal competencies



Nexter Munitions has been developing, manufacturing and marketing pyrotechnic components and actuators for over 100 years. Thanks to its recognized know-how and experience in this field of activity. Nexter Munitions meets the highest requirement of defense, aeronautical, space and civil applications. Today, Nexter Munitions (facilities located in Tarbes) a major European in this sector, is one of the few manufacturers of primary explosive

### **COMPETENCIES & CAPABILITIES**

Nexter Munitions has recognized expertise areas of mechanics, formulation of energetic materials, detonics and ballistics. We are able to manufacture from few dozen prototypes to 200 000 units per day, meet complex specifications : defense, aeronautics and space, resistance to extreme accelerations and environments, take into account the highest requirement of safety and reliability, design components with a demonstrated lifetime up to 25 Years



# **NEXTER MUNITIONS**

#### **PRODUCTS & SERVICES**

Formulation of new energetic materials, miniaturisation of components and systems, optopyrotechnics igniters and detonations, slappers, MEMs

Computation codes in ultra fast dynamics, thermodynamics, digital simulation, modelling.

Unique in Europe ; synthesis of primary explosive with safety system, computer assisted bridge wire welding; loading and assembly means, statistical process control, cold pressing workshop, hermeticity of products ensured by laser welding process.

#### **MAJOR SPACE PROJECTS & REFERENCES**

- ARIANE 5 : SELF DESTRUCT DETONATOR
- ARIANE 6 : OPTO-PYROTECHNIC DETONATOR & PYROACTUATOR

## POINT OF CONTACT

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