



Press Release

Courcouronnes, December 6th 2017

“Your partner of fiber based solutions for extreme environments”

Today, SEDI-ATI Fibres Optiques releases its new communication and new website. The specific expertise of SEDI-ATI is its ability to adapt optical fibers and components to specific constraints including Harsh and Extreme environments and provide optimized solutions for each application.

HARSH or EXTREME ENVIRONMENTS mean:

- Temperature up to 600°C and even 1000°C or as low as -273°C
- High pressure up to 1500 bars for geophysics and 5000 bars for detonic
- Vacuum hermeticity down to 10^{-9} / 10^{-10}
- High voltage dielectric breakdown up to 1kV per cm
- Nuclear radiation up to 100 M Gray over a long time
- UV solarization resistance down to 200nm wavelength.

Consequently, SEDI-ATI is active on many different markets that include:

- **Military and Aerospace:** satellites, laser ignition, unmanned vehicles
- **Energy:** nuclear plants, oil & gas, electric power distribution, sustainable energies
- **Industry:** laser, instrumentation, transportation, sensor systems, robotics
- **Medical:** diagnosis and analysis, invasive medical devices, power laser delivery
- **Communication:** special components (couplers, WDMs), security, surveillance
- **Research:** astronomy, physics, biology

About SEDI-ATI

SEDI-ATI Fibres Optiques designs, develops and manufactures fiber-optics based components to offer its customers the best-suited solution to their needs. SEDI-ATI is specialized with extreme environments from its main markets such as military and aerospace applications, energy and industrial applications, communication and research applications as well as medical applications.

Contact

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