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.

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