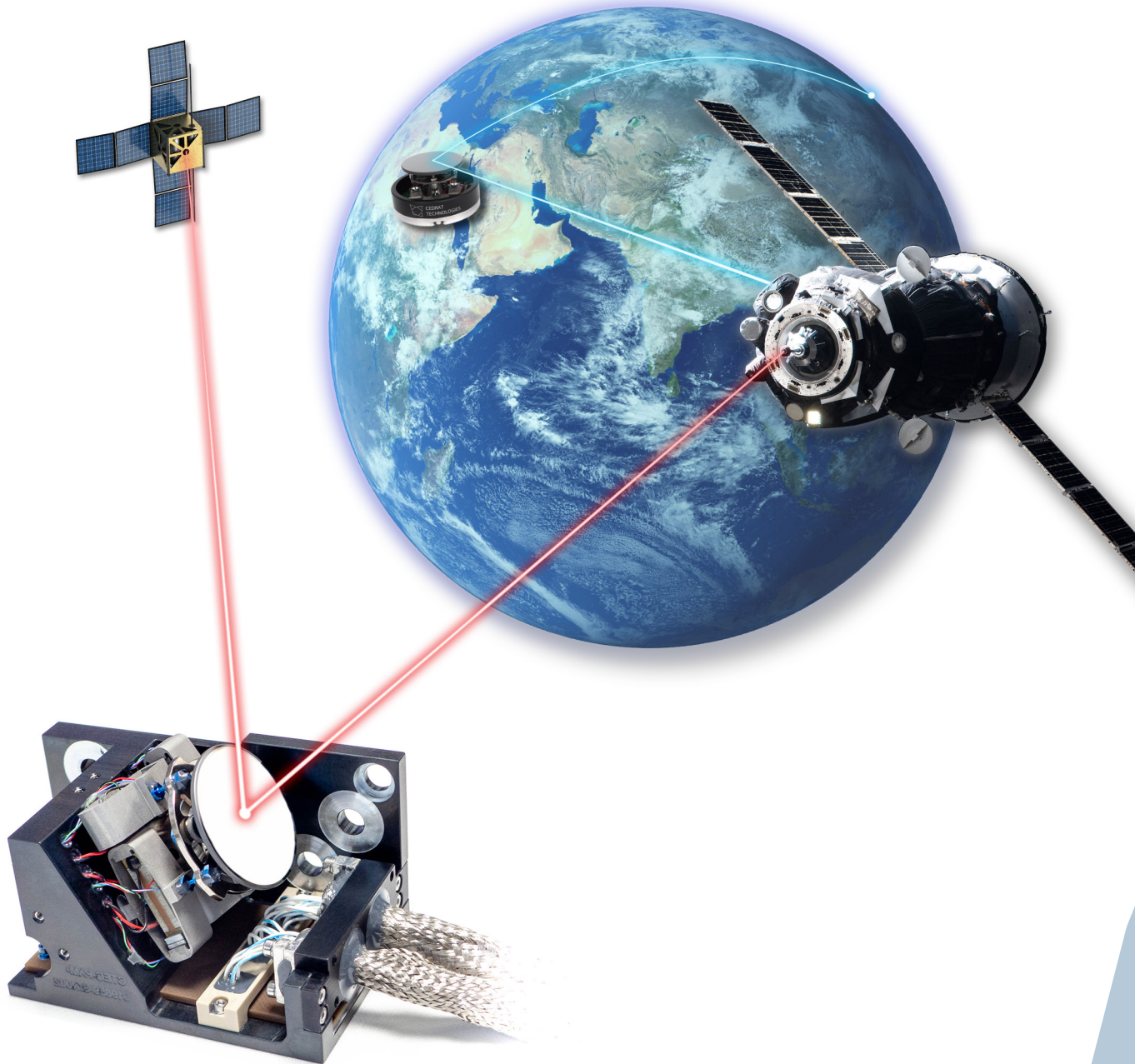


MECHANISMS FOR SPACE & NEW SPACE



IMAGING, COMMUNICATION AND SPACE INSTRUMENTS

P O I N T I N G
A C Q U I S I T I O N
T R A C K I N G

S C A N N I N G
P O S I T I O N I N G
S T A B I L I S A T I O N

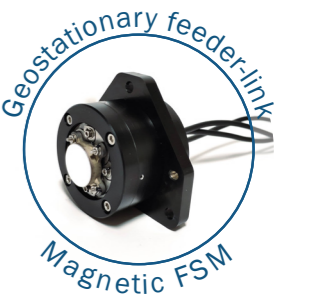
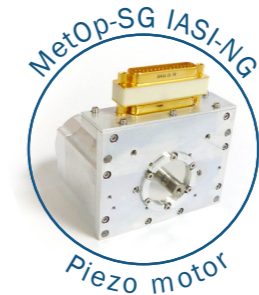
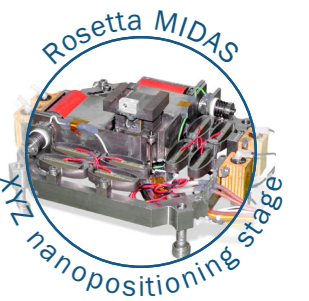
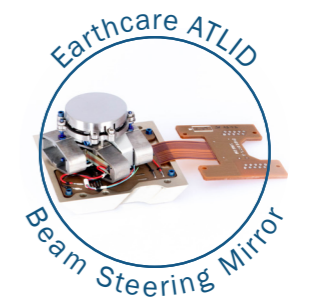
More than 25 years ago Cedrat Technologies (CTEC) developed the first Amplified Piezo Actuator (APA®) compliant with the space environment for CNES (French Space Agency). Over the years CTEC developed more complex space mechanisms for space missions such as the XYZ stage for ROSETTA (1999) for ESA and a Beam Steering Mirror DTT35XS for an interferometer application in PHARAO (2003) for AIRBUS. Since these events, CTEC developed and produced several hundred mechanisms and electronics per year for the industrial optronics' market (XY Stages and Fast Steering Mirrors).

To meet New Space customer's requirements, CTEC develop solutions that benefit from both its space heritage and its industrial capacity. The offered solutions include **Fast Steering Mirrors** on board satellites or Ground Stations used for Optical Communication applications, **XY stages** for optical fibre positioning, **Piezo Motors**, **Magnetic Actuators**, **Electro Holding Magnets** as well as **Magnetic Sensors** and associated **Electronics**.

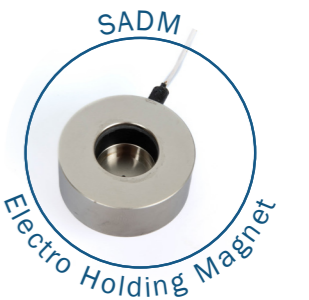
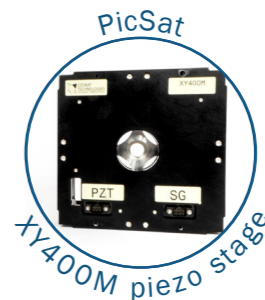


C O M P A C T
D Y N A M I C
P R E C I S E

SPACE



NEW SPACE



CEDRAT TECHNOLOGIES offers off-the-shelf mechatronics products including piezoelectric & magnetic actuators, motors, mechanisms, transducers and sensors with corresponding drivers & controllers. These mechatronics products are used for scientific and industrial applications requiring functions such as: micro & nano positioning, generation of vibrations, micro-scanning, fast & precise motion control, active control of vibrations, and energy harvesting...

Most of the products are available in OEM versions for low cost & high volume industrial applications. CEDRAT TECHNOLOGIES also offers services including, design, R&D under contract and training.



Clean room for New Space and Optronics mechanisms assembly and testing.

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