



A CELESTIA TECHNOLOGIES GROUP COMPANY



Where innovation is standard

Contact us to discuss your requirements

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FLEXIBLE · RELIABLE · ACCURATE

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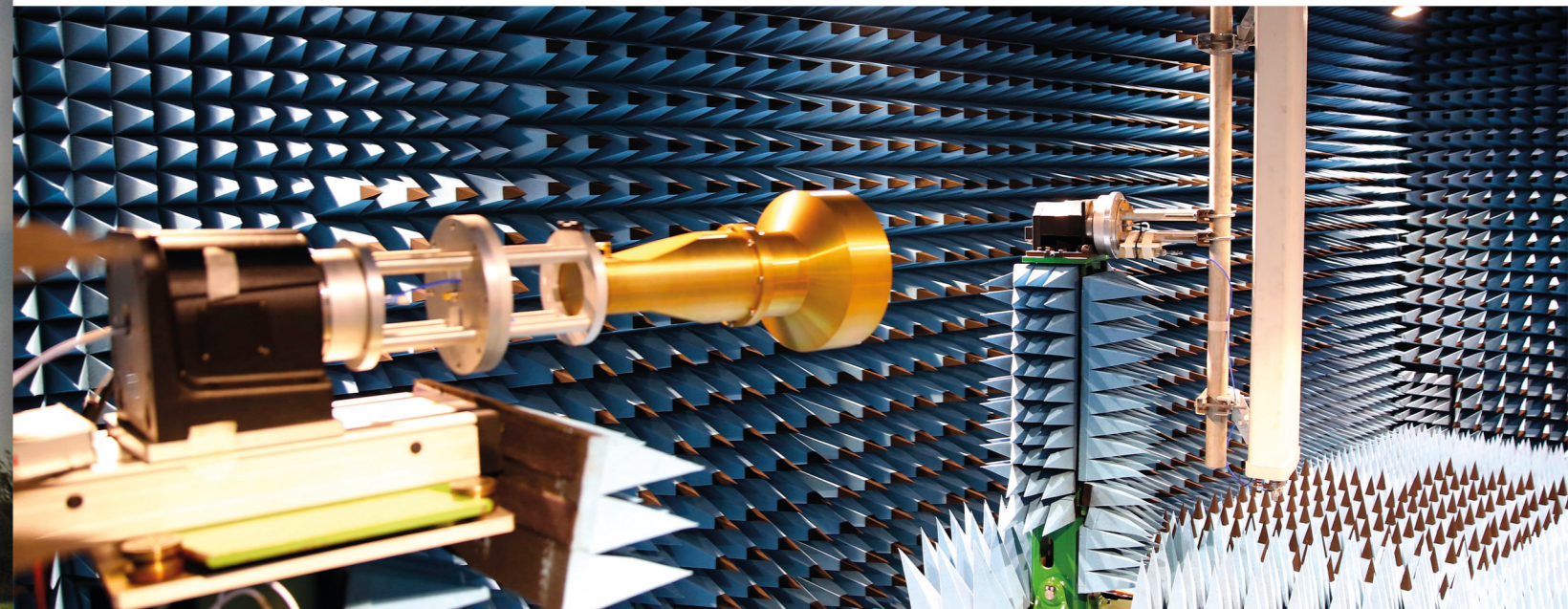


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Turnkey Antenna & RCS Measurement Solutions

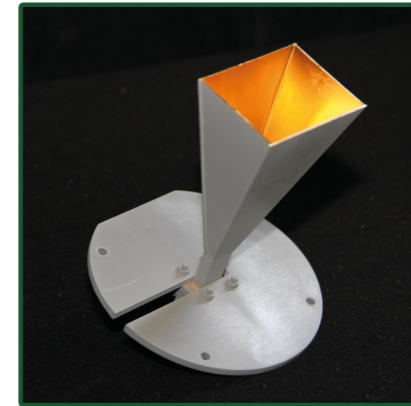
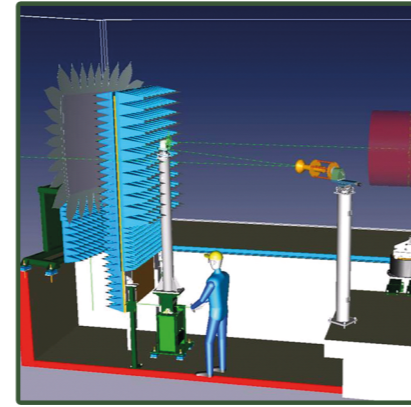
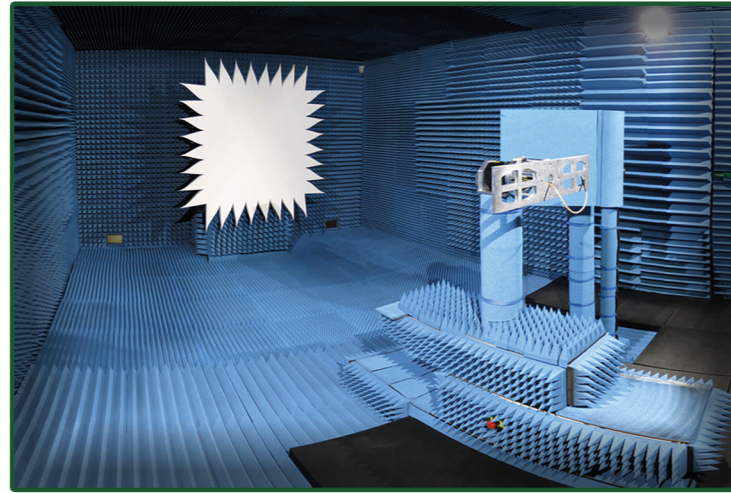
Established in 2010, ASYSOL's advanced solutions are renowned for their high-performance, outstanding quality and ongoing innovation.

Specialising in near-field, compact range and far-field solutions, ASYSOL serves an international customer base of leading Government and defence contractors, wireless providers, academic institutions and aerospace industries.



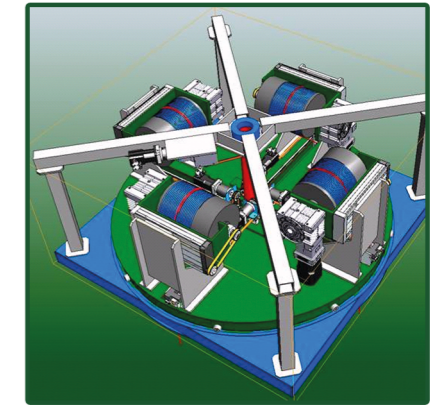
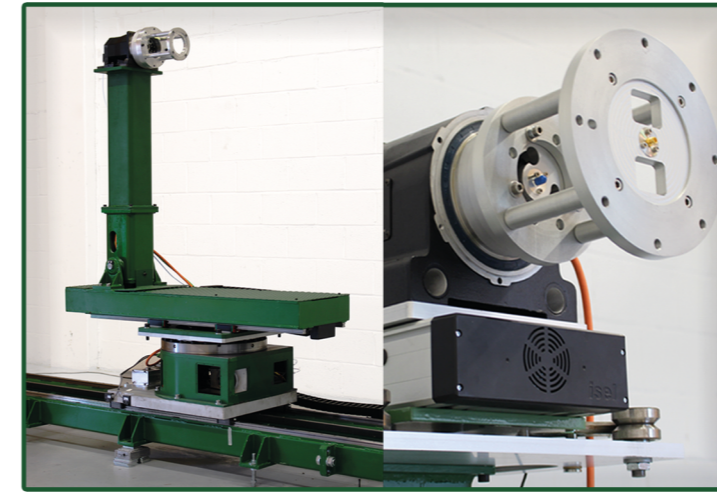
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Compact Range Solutions



- Serrated compact range solutions deliver a fast, reliable antenna measurement solution
- High-performance reflectors meet high frequency applications exceeding 100GHz
- Using state of the art corrugated feeds, we offer front, side and corner fed CATRs; ideal for single cut measurement and debugging systems as a function of position

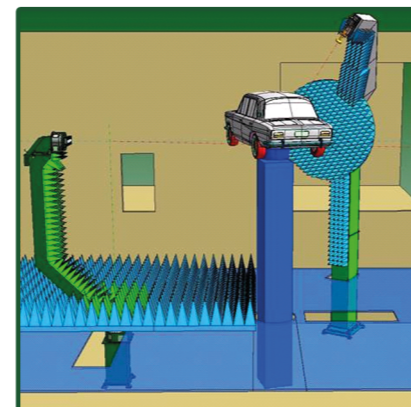
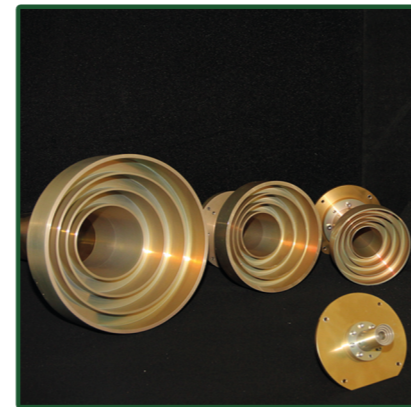
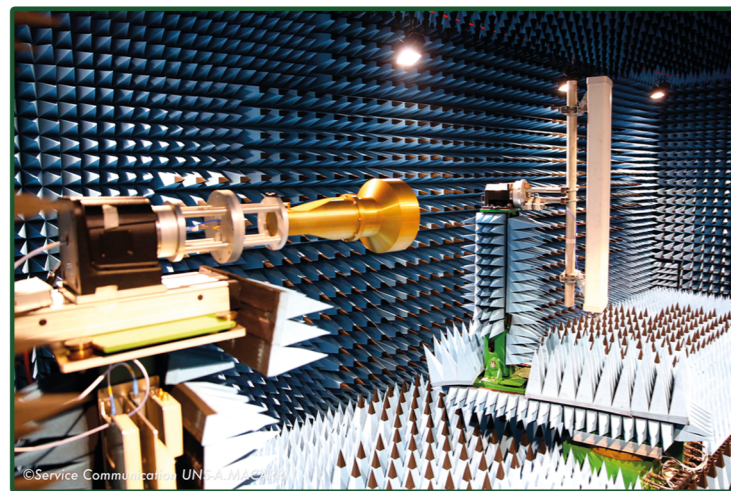
Motion and Control Solutions



- Operating with state-of-the-art positioning and control systems sourced from the robotics industry
- Delivering an enhanced measurement process thanks to absolute encoders and low electromagnetic chassis profiles
- Supplying customised and bespoke, high accuracy, low backlash positioning systems to meet the needs of any antenna and RCS measurement application

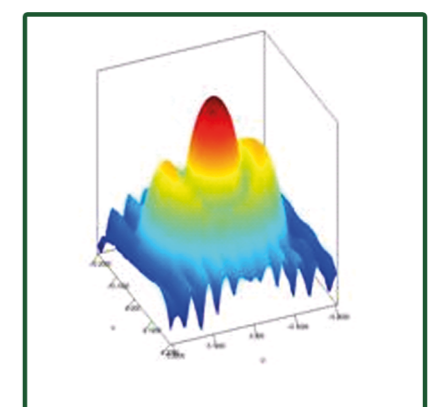
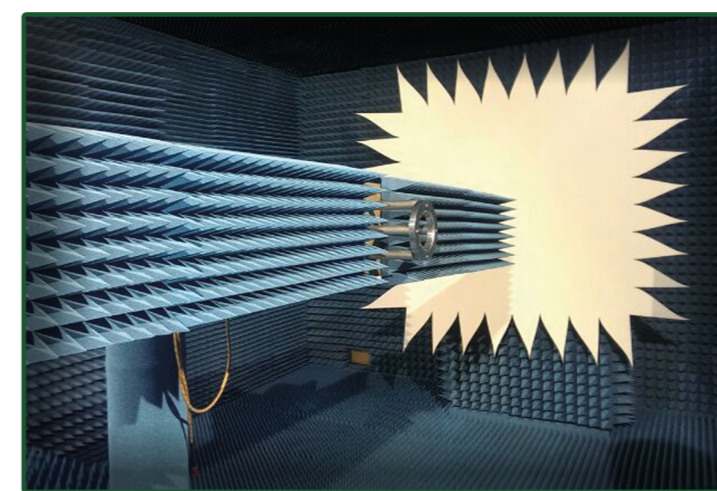
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Near-Field Solutions



- Offering an accurate and indirect means of extrapolating the far-field pattern of an Antenna Under Test (AUT)
- Our high-performance near-field scanners can be configured as planar, cylindrical and spherical geometry, accommodating any type of antenna shape and gain
- Hybrid solutions for all geometries, including combined CATR and Near-field in a single chamber add value and a wider operational frequency band

Technical Services



Over 60 years of know-how guarantees our highly qualified technical experts will supply you with the following services:

- Anechoic Chamber Design
- Antenna Measurement Courses
- Antenna Testing Services
- Customised Solution Design
- Precision Alignment
- Quiet Zone Imaging
- Range Relocation
- RF Subsystem Design

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