

easat

air traffic control



High Performance
Primary & Secondary
Surveillance

- Established supplier of high-performance low-maintenance systems
- Integrated air traffic control systems to meet customer requirements
- Enhanced radar detection performance optimised for small targets, especially in poor weather

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Easat was established in 1987 as a specialist independent company to design and build antennas and complete radar systems. Since then the Company, a subsidiary of Goodwin PLC, has established itself as market leader in the manufacture of bespoke high-performance commercial radar antennas. Easat also supplies radar sensors for land-based surveillance installations engaged in the detection and identification of sea and air targets.

Easat products are in service in many parts of the world - applications include: coastal surveillance for law enforcement and border protection; port approach and coastal traffic monitoring for coastguard services, port authorities and commercial organisations; offshore surveillance around sensitive facilities, notably oil and gas installations; air traffic monitoring and airport surface movement using permanent or transportable systems; military range safety.

Easat is able to provide complete solutions to include:

- Project management
- Site surveys
- Antenna tower design and manufacture
- Installation and commissioning services
- Control room displays
- Full integration with other security sensors to provide multi-layer surveillance systems
- Maintenance

Easat provides high performance air traffic control radar systems

- Primary and Secondary Air Surveillance
- Complete solid state sensor solution
- Exceptional poor weather performance
- Turnkey radar solution capability



Primary Radar Sensor Systems

- Very high performance composite and metallic reflector antennas
- Meets and exceeds ICAO civilian standards
- Low maintenance, cost effective antenna & Solid State Radar solution



Secondary Surveillance Radar

- Stand alone or co-mounted secondary radar antennas
- Range of single or dual drive turning units available



'Monotube' Pre-Fabricated Towers

- Rapid installation - less than 8 hours
- Pre-Fabricated, Pre-Cabled, Pre-Equipped
- Suitable for all radar applications
- Small footprint enables siting on airport aprons
- Integral equipment room



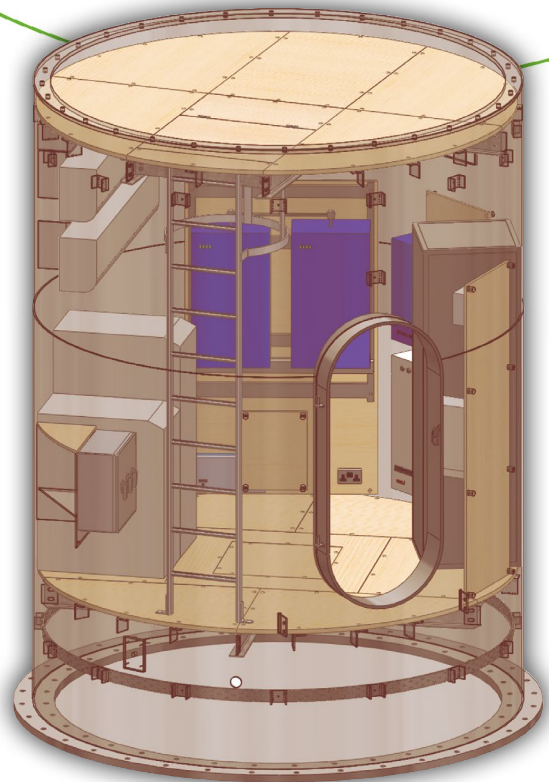
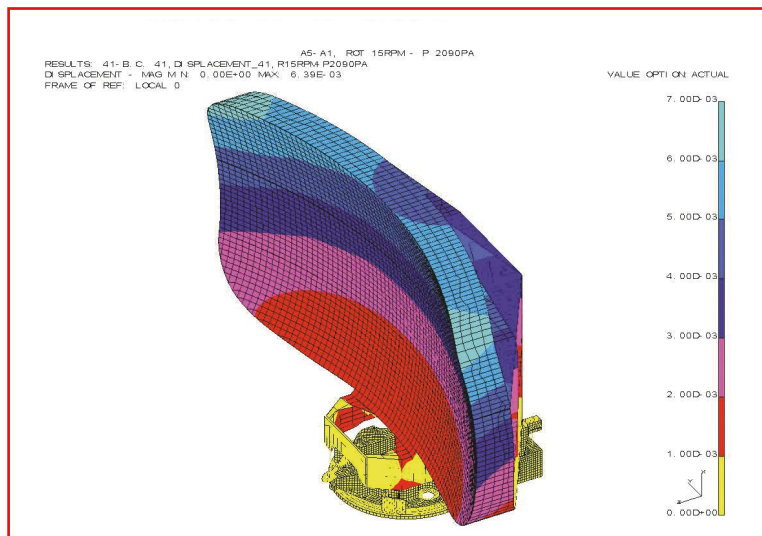
- We supply purpose built high performance radar antennas or complete systems to specific requirements. Our designs include a range of primary surveillance and secondary surveillance equipment.
- In addition, solid state transmitter-receivers, data processing and displays complete our air traffic control system.
- Easat can economically upgrade/modernise existing radar systems, giving a new lease of life and improved performance.
- Low procurement and low life cycle cost are key features of all Easat air traffic control systems. Our class leading aftercare support ensures our customers receive the highest levels of operation from the equipment.

- Easat has been providing both fixed and transportable radar solutions around the world for over 20 years. Our equipment is in service at major international airports spanning all continents. Customers include individual airport operators, civil aviation authorities and all the major radar prime contractors.



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- Latest 3D computer modelling software is utilised for mechanical design and structural analysis
- Industry standard software is used to evaluate radar sensor parameters thus ensuring maximum performance
- Each antenna manufactured by Easat is independently RF tested to ensure full performance compliance



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