



Total Turnkey Airport Solutions



TOTAL TURNKEY AIRPORT SOLUTIONS

Systems Interface specialises in the provision of complex airport and air traffic control systems, including design, supply, installation, integration, commissioning and maintenance services. We have extensive experience working with both Civil and Defence organisations worldwide.

Quality approved to BS EN 9001:2000, Systems Interface has experience in a range of airport systems including navigational aids; communications systems; airfield lighting; integrated ATC solutions; safety cases; training and maintenance services.

These include:

Navigational Aids – ILS, DME, DVOR, NDB, DF

Integrated ATC Solutions – VHF/UHF, Voice Recording & VCCS

Communications Systems – HF, VHF and UHF

Airfield Lighting - Conventional and LED Solar Lighting

Meteorological Systems - AWOS & IRVR

Engineering Design Authority







System Design & Integration

Our System Design and Integration capability covers all aspects of an airport installation. From a relatively simple installation of an NDB, through to a complete design and build solution normally associated with large scale projects, such as a new control tower or runway upgrade.

Equipment Supply

Dealing with the world's leading manufacturers we can supply a wide range of airport equipment from the latest technology solar lighting LED systems to complete CAT III ILS installations.

Project Management

We are specialists in managing complex logistical and technical requirements and can provide a full project management service. From delivering a turnkey installation to simply providing project management advice on a consultancy basis, we will take the strain of project planning, works schedules, progress monitoring and reporting, commissioning schedules, handover and training. Our customers benefit from our friendly approach and many years of experience.

Installation & Commissioning Services

As a leading systems integrator, Systems Interface has considerable experience installing and commissioning equipment from all the major manufacturers and meeting the most stringent ICAO Level 4 requirements.

Our engineers are amongst the most experienced in the world and our detailed product knowledge ensures a seamless transition from project inception through to the final flight check.



Maintenance & Support

Maintenance and support options are tailored to meet customer requirements, both for systems we have supplied, and our customers' legacy systems.

We have the expertise to perform specialist maintenance tasks, and provide personnel to carry out regular scheduled maintenance activities, assist with fault diagnosis, or just provide an extra pair of hands to assist operations during busy periods. Additionally we can advise on maintenance policy development and provide a focal point for sourcing spares and repairs.



Safety Cases

We offer a comprehensive service for the production of Safety Case documentation required for submission to the CAA SRG whenever systems or equipment are renewed or modified, or published procedures are changed. These include the analysis necessary to satisfy UK CAA requirements, continued alignment with evolving European and International safety requirements and ensure that legacy and new technology systems are approved with the minimum impact to airport expansion or improvement programmes.



Consultancy

We can provide a whole package of tools to assist airports with aerodrome safeguarding, the design and preparation of instrument approach procedures, studies for the definition of equipment specification, system design - complemented where necessary by sophisticated computer modelling techniques for surveying and selecting sites for navigational aids and the protection of ILS sensitive areas.

Training

We have developed a series of certificated training courses for personnel who are responsible for the operation, maintenance and management of airport and aviation ground systems. These courses can be tailored to meet individual customers' needs and can be provided in the UK or overseas.

Civil Works

Fully comprehensive civil works packages are available ranging from soil preparation surveys, foundation construction, trenching and cabling, through to a complete turnkey service incorporating all required certificates and documentation.

Ground Support & Security Equipment

We are able to supply a wide range of ground support and security equipment including baggage scanners, personnel scanners, ground power units and baggage carousels.



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