

CAPABILITIES

Contact: 01963 34444



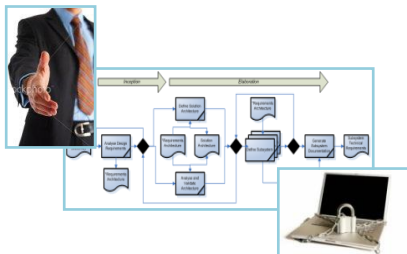
ALS Technologies Limited

ALS is a UK based systems and software company offering niche offload solutions across high integrity mission critical domains. We are a List-X company providing products and services developed over two decades working on actual platforms within the Aerospace & Defence industry.

ALS has a total systems and software capability engaged in the defence and commercial sectors covering the following areas:

- Systems & Software Lifecycle Support Capability
- Signal and Data processing
- Hardware Support Service
- Training facility in a secure environment
- Security & Accreditation Services

Systems & Software Lifecycle Support Capability



Long Term Support

Over 18 Years in providing through life capabilities tailored to meeting the demands of real-time applications is at your service.

Our Systems & Software Lifecycle Support and Service Capability covers the following major areas:

1. **Design Support** – a full design offload and support capability caring for your property and valuable document assets in a fully approved DSSA government secured facility.
2. **Service Capability** – our benefits to you offer a low cost value proposition through a bespoke and tailored engineering solution aimed at your business and project goals. Thorough analysis of your short, medium and long term goals is necessary in understanding your needs.

3. **Teaming** – coupled with our service sector is the ability to provide teams of engineers focussed on your project deliveries working as a co-ordinated team to your requirements.
4. **Process Engineering** – tailoring your lifecycle to meet the changing demands of your business.
5. **IV&V** – Independent Verification and Validation testing to rigorous standards up to and including DO 178B and DO 254 standards.
6. **TDL** – Tactical Data Links expertise at both operational and technical levels to provide pragmatic working solutions.

Signal and Data Processing



Analysis Techniques

Optimised techniques coupled with advanced post processing algorithms to obtain the best from your equipment.

Our Signal and Data Processing Capability covers the following major areas:

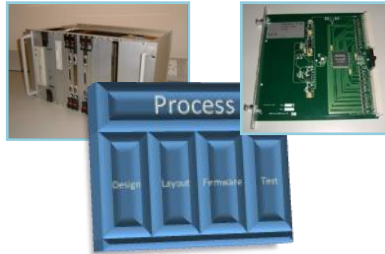
1. **Signal Processing Development** - Highly optimised solutions by understanding your environment.
2. **Data Processing Algorithm Development** - Algorithm insertion into third party operating system environments.
3. **Data Capture** - High speed analogue or digital recording systems for your valuable data.
4. **Post Analysis** - Analysis of data using experienced resources.
5. **Service Capability.**

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Hardware Support Service



Hardware Advice

A business that understands hardware constraints and the ability to run optimised software solutions.

Our Hardware Support Service Capability covers the following major areas:

1. **System & Module Design, Manufacture & Integration** – providing the appropriate analogue and digital interfaces.
2. **COTS Insertion & Obsolescence** – ensuring the need and providing the right solution.
3. **FPGA design** – optimised solutions using state of the art components and cards.
4. **Training** – process driven development to achieve the right solution at the right time.
5. **Service Capability.**

Training Facility



Relevant Skills Maintained

Training Courses tailored to meet your needs.

Our Training and Seminar Capability addresses the following major areas:

1. **Seminars** – Range of seminar offerings applicable to your requirements.
2. **Facilities** – secure on-site facilities available.
3. **Cost Effective** – train staff better at an affordable price.
4. **Tailored** – training to meet your needs using your process and your models.
5. **Hardware** – process and design of analogue and digital systems.

Security & Accreditation that Matters

We will guarantee that your trust in us will be respected through our extensive quality and security controls audited to ISO 9001:2008 TickIT.

Information Security – systems engineering embracing your security needs using a team of pragmatic CLAS supported engineers delivering accreditation to both our own system designs and those of our customers covering:

1. **Security Accreditation Services**
2. **Security Assurance Coordinator Services**
3. **Security Architecture Reviews of 3rd Party Systems**
4. **Forensic Reviews of 3rd Party Security Architectures**

The ALS facility is also fully accredited to manage the security of the support activities and any appropriate documentation; all will be kept under strict baseline control, providing long term confidence and support to our customers.



Secure Facilities

The Cale House Accredited Facilities offer a very high level of security for our Client data