



About ATLAS ELEKTRONIK UK

Sarah Brown

...a sound decision

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ATLAS ELEKTRONIK UK

A company of the ATLAS ELEKTRONIK Group

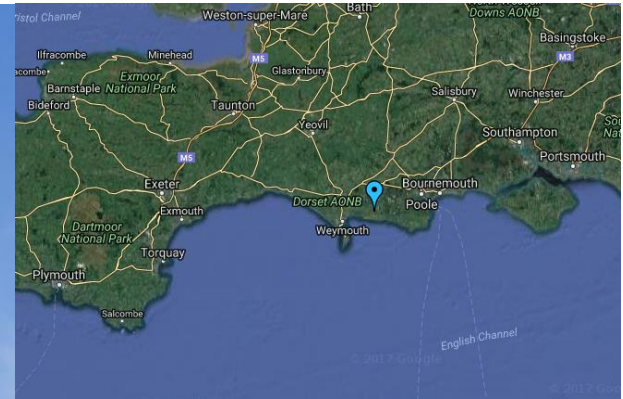
About AEUK

Dorset location

Permanent Staff: ~325

Contractors: ~50

**Extensive research
and product portfolio**

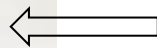
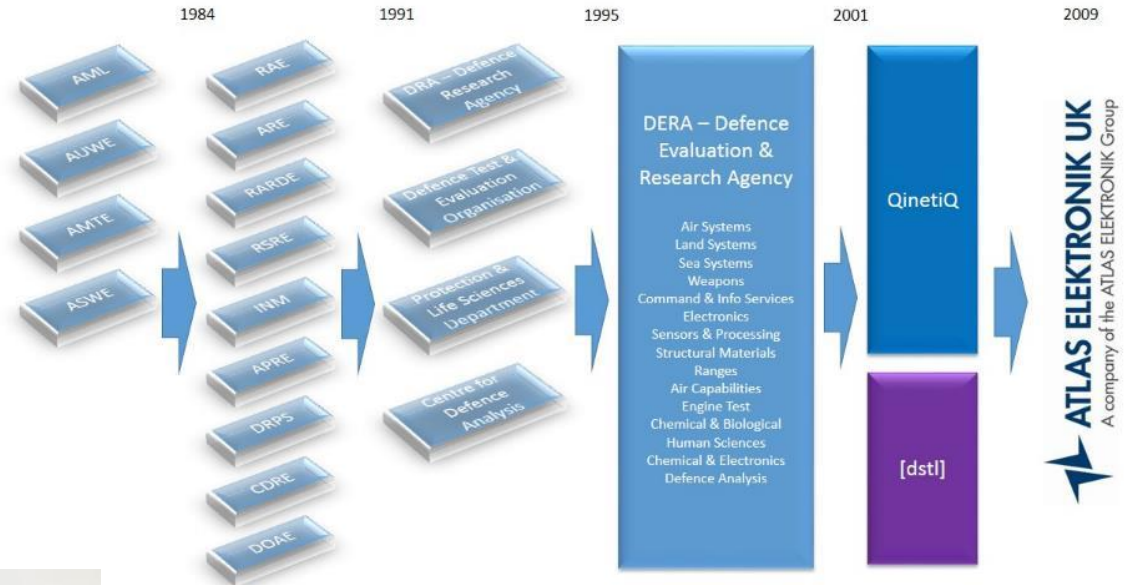
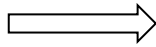


AEUK supplies innovative maritime systems to both the domestic and export markets. Revenue has grown by 10% per year since 2011 and we have created over 80 highly skilled jobs in the local area.

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Our people

Heritage



The future!

In 2016 we recruited:

- 7 Apprentices
- 5 Graduates
- 4 Summer Students
- 5 YII Students
- 2 Sandwich Students

We also work widely across industry and academia

Our graduate scheme projects have included development of multiple autonomous vehicles



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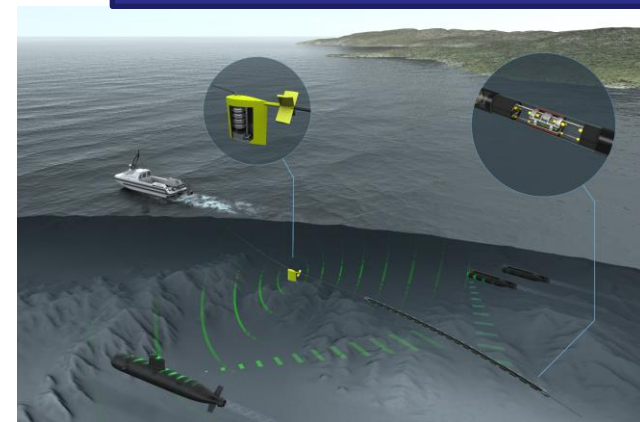
Autonomous systems products

- ARCIMS fulfils a range of naval applications with reconfigurable mission modules
 - Minesweeping
 - Mine Hunting and Mine Disposal
 - Coastal Surveillance and ASW
 - Hydrography
 - Maritime Security and Force Protection
 - Diver Support

ARCIMS ASW – Recent major export contract to deliver two USVs with integrated ASW mission module to detect, classify and locate underwater targets



The ARCIMS system is the next generation of unmanned Mine Counter Measures (MCM) solution to help meet military requirements.

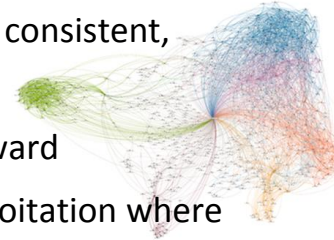


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Autonomy and automated processing

- MAPLE
 - completed study for Phase 2 ‘Safety of autonomous systems in a virtualised environment’
- ACER
 - delivered ARCIMS integration to ACER for MCM demonstrator
- MAXCMAS – Innovate UK funding
 - Links autonomy engines with our powerful maritime simulation engagement tool to give confidence
- Investing PV funding for autonomy with Seebyte
- Autonomy is a key campaign for AEUK

- CDE – Topological Data Analysis
 - analyses sonar data producing consistent, accurate results
 - fusing sensor data straightforward
 - computationally efficient, exploitation where power and space are at a premium
 - near real time means of fusing data imagery



- CDE – Galaxy Quest
 - working with Herts University
 - uses astronomical data processing algorithms to find targets



- AMDCS
 - assured mine detection and classification system – presents degrees of confidence
 - incorporates ATR algorithms from a range of sources



Bincleaves Acoustic Range –
Unique waterside facility for
equipment test and acceptance

Benign tidal
regime

Easy access to open
water

Low traffic
density

Varied seabed
types

Instrumented ranges

Comprehensive
secure facilities

Consistent, repeatable
conditions

Easy access to MoD &
civil airstrips

