Immersive and effective training

ABOUT NEWTS

NEWTS creates a realistic simulated environment enabling air, land and maritime electromagnetic environment personnel to be better prepared for deployed operations.

From the planning and direction of EW assets (EWMST/ BATTLEYE) the collection and exploitation of communications data (COMETT), to the processing, analysis and collation of information (SOI Repository) and issuing of intelligence end product reports, NEWTS offers the ability to deliver tailored training in line with the intelligence cycle.

WHAT DOES NEWTS DO?

NEWTS replicates a four-stage intelligence cycle, providing immersive and effective training for individuals and groups within a safe environment to develop the vital skills and knowledge required for the intensity of operations in the field.
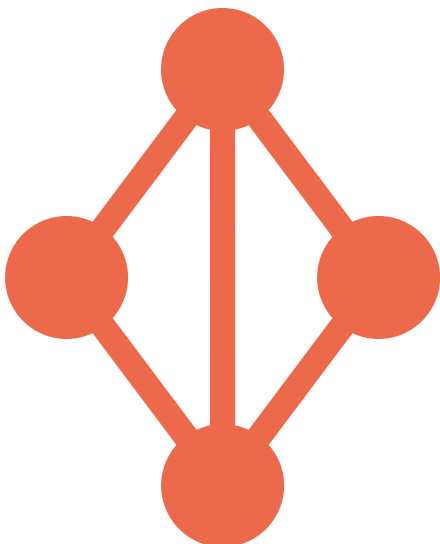

STAGE ONE Plan the best location of EW, COMINT and ELINT asset deployments for the mission, ensuring they're aware of the impact of terrain, elevation and power supply requirements.

STAGE TWO Learn, on a generic user interface, how to conduct Electronic Surveillance (ES) on an opposing force to simulate real world equipment.

STAGE THREE & FOUR Training on the essential analysis of a target's communication network using a signals of interest (SOI) repository.
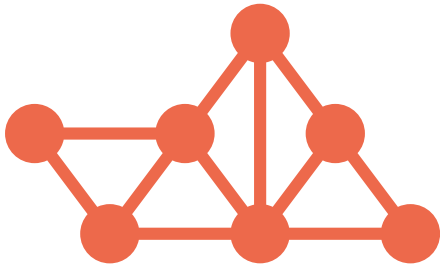
BENEFITS OF NEWTS

- By recreating the operation intelligence cycle, NEWTS offers the ability for personnel to train under realistic physical, functional, and environmental conditions with true-to-life scenarios.

- NEWTS training creates a realistic learning environment to develop skills and knowledge of the deployment of EW sensors as well as communicate the identification of threats and targets for attack or exploitation, enabling personnel to be better prepared for operations in the field.

- NEWTS helps improve performance in the field and in turn, reduce risk to personnel.

PROFILE

MASS is an independent, global technology company, trusted by highly-secure organisations to provide advanced, digital services that manage data and keep information safe. With our heritage in defence, we now offer robust solutions to sectors where security expertise is essential. We work in partnership with customers, using skilled, technical experts. We think innovatively to provide tailored, agile and resilient solutions that secure advantage, so you're ready for digital transformation.

TRUSTED TO DELIVER

MASS is trusted by the UK and nations around the world to deliver EW tools, services and training.

TAILORED SOLUTIONS

We take a partnership approach and our solutions are always tailored to your needs.

HIGHLY SKILLED EXPERTS

Our people are experts at what they do. Highly technical, endlessly curious and always approachable.

MASS SPECIALIST SOFTWARE TOOLSETS

We provide advanced electronic warfare tools, services and training that give you the edge. Our independence from EW product manufacturers means we provide truly impartial support and advice and our decades of experience in Defence means we find the right solution for you.

EW data management

THURBON® provides essential operational support and enhanced situational awareness, supporting a common approach across different environments. Through THURBON you have the capability to manage, process and store complex platform, sensor and weapon system data in a single hub, supporting your intercept analysis, EOB production and mission preparation.

Mission planning

BATTLEYE enables effective communication between deployed military personnel. Providing enhanced situational awareness and planning capability, BATTLEYE provides unique insight and understanding into the communications environment.

EW training

NEWTS creates a realistic simulated environment enabling air, land and maritime electromagnetic environment personnel to be better prepared for deployed operations. The MASS Training team provide skills-based EW training courses that improve the effectiveness of your personnel. Delivered by highly experienced trainers, the team can provide off the shelf or bespoke courses.

Countermeasures development

CounterWorx is a toolset that simplifies countermeasure development. The threat system analysis, modelling and simulation included provide unprecedented technical capability for countermeasure development and engagement simulation.

mass.co.uk

contact@mass.co.uk

MASS

A **COHORT PLC** COMPANY