MASS

Innovative mission planning support

ABOUT BATTLEYE

BATTLEYE is an innovative, technology-based mission support tool that enables effective communication between deployed military personnel. A key planning tool, BATTLEYE can accurately access and test communication between assets anywhere in the world before personnel are deployed.

BATTLEYE can be used as a standalone tool or be integrated into MASS' Networked Electronic Warfare Training Simulator (NEWTS) to create a high-quality simulation that fulfils collective training environments for air, land and maritime electromagnetic environment personnel.
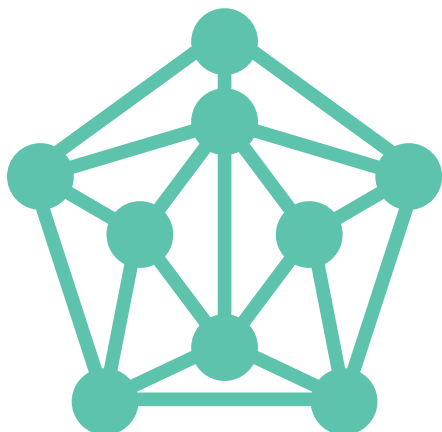
WHAT DOES BATTLEYE DO?

BATTLEYE determines the probability of effective communications by accessing the impact of terrain, elevation and power supply requirements.

By allowing the user to put a notional communications asset on the map and program it or pre-set defaults, the user can determine the reach and range of the communication asset, and the impact of the local environmental factors. In turn, this enables communications to be planned and tested before personnel are deployed.

BATTLEYE can also help determine the probability of interception and enable the user to predict the location of enemy communication points.

BENEFITS OF BATTLEYE

- **A tried, tested and proven mission support tool** for planning of in-field communications that can determine the impact of the local environment to deliver secure communications for personnel on the ground.

- **Provides insight into the location of adversary communication assets** and the potential for own communications to be intercepted.

- **An impactful training tool** able to demonstrate the complexity and range of factors that affect communications.

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.
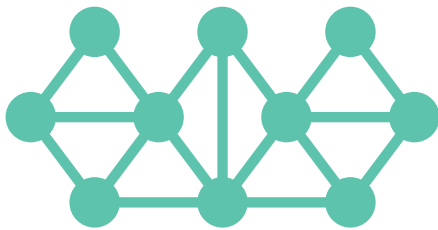
TRUSTED TO DELIVER

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.

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MASS

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