ULTRA

⊕ Cognitive Integrated Battlespace

Cognitive Integrated Tasking

How do you pick the best option on time, every time?

Selection and deployment of the correct asset to the correct threat has been a requirement of every battlefield commander since modern conflicts first began.

We are building on our expertise in battlefield management to provide cognitive, reactive, real time course of action generation.

Exploitation of advanced battlefield simulations will allow our systems to run millions of potential scenarios and provide the operator with the most viable deployment option the moment they need it.

Our vision

We are developing systems that see all available assets within a given domain, providing users with the most likely effective response options using the most appropriate platforms.

Autonomous and self-learning course of action recommenders will enable effective decision making that is measured in seconds, not hours. Consistent selection of the most appropriate asset for a given situation will reduce cognitive burden and uncertainty of reaction to deployment outcomes.

Market leading expertise

Cognitive Integrated Tasking builds on our unparalleled domain expertise and key battlefield management solutions:

- EOR Heads
- ADSI
- TacView
- Litening Pod

Enhanced capabilities

We are developing a series of enhanced capabilities, deployable across our current and next generation ecosystem of solutions:

- **Battlespace Action Recommendation Systems leveraging state-of-the-art reinforcement learning algorithms** powering AI agents that can play out battlespace scenarios in a simulated environment and provide course-of-action recommendations based on the results.

- **Advanced containerized microservice software components** displaying fused hierarchical data representations of complex platforms.

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FOR FURTHER INFORMATION CONTACT:

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