

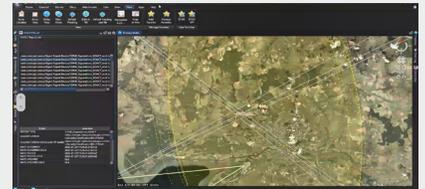
COURSE-OF-ACTION DEVELOPMENT

Advanced command and control decision support tool

L3Harris' extensive knowledge of artificial intelligence/machine learning (AI/ML) has produced key analytic capabilities performing assessments of real-time data streams to provide critical insights for command and control (C2) planning and real-time decision making. Our unique, agile approach provides fast ingest and assessment of operational data that recommends complex actions with viability assessments in seconds, enabling operators to leverage automated analyses of alternatives to make near real-time decisions.



- > Core AI engine capable of ranked assessment of courses of action based on factors such as rules of engagement, no-strike zones and active threats
- > Extensible micro-analytic platform to provide insights into AI engine
- > Microservice architecture allows for scalable data management and processing
- > Deploys on any cloud-based solution or as a standalone containerized system



Example interface using artificial intelligence and machine learning based on our big data analytics



What is Big Data?

Big Data is a huge collection of data that grows exponentially with time. With its size and complexity, only non-traditional data management tools can store or process it efficiently.

ISR NETWORKING SOLUTIONS

Our innovations in ISR networking, such as in-theater data fusion, complex event correlation and data mining, increase the precision and mission relevance of reported information while conserving bandwidth.

- > Multi-intelligence (Multi-INT)/multiplatform sensor networking and data fusion
- > Multilevel security systems

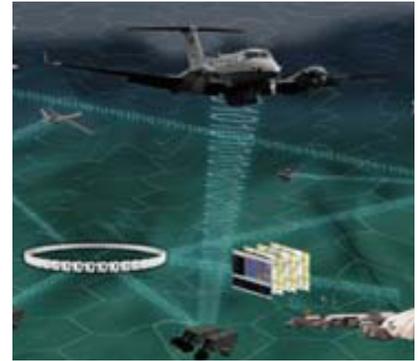
MULTI-INT BIG DATA ANALYTICS AND PROCESSING, EXPLOITATION AND DISSEMINATION (PED) SOLUTIONS

L3Harris is on the forefront of operational data science. L3Harris envisioned, designed and fielded a scalable big data analytics system architecture for multi-INT processing, exploitation and dissemination that processes large amounts of diverse data at multiple sites. Our analytics include:

- > Faceted spatial-temporal search and loitering detection; co-traveling detection
- > Unusual activity analysis/reduction, geo-fence tripwire alerting
- > Geospatial gazetteering - spatiotemporal, parametric (e.g. frequency), identity attribute (e.g., electronic intelligence notification or ELNOT) statistical correlation

L3Harris supports and enhances ISR and integrated electronic warfare (EW), kinetic and cyber systems planning, operations and assessment. Our focus is on information to commanders, operators and tactical consumers for planning, execution, real-time alerts or assessment.

- > Collaborative, cross-discipline/domain, multi-INT architectures and systems for intelligence-driven operations
- > Enhanced resource planning, Use and prioritization
- > Network modeling, analysis and visualization



L3Harrisellsht_Conformal_2021

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L3Harris Technologies is an agile global aerospace and defense technology innovator, delivering end-to-end solutions that meet customers' mission-critical needs. The company provides advanced defense and commercial technologies across air, land, sea, space and cyber domains.



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