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| **Title** | **(ISN-0001) Sensor Fusion and Information Processing** |
| Description | **Context:**  General Dynamics Mission Systems–UK is seeking suppliers to identify solutions that would improve the value and availability of information to military users, and to reduce the cognitive burden in consuming multiple disparate sources of data through:   * Applying machine learning and artificial intelligence to the repository of gathered information to improve the quality and time taken to make decisions * Employing distributed sensor fusion to reduce the network demands required to give a single recognised picture based on multiple concurrent streams of data * Enabling multiple locations connected by disadvantaged (lower bandwidth, variable connectivity) networks to share essential information * Increase confidence in the information presented to end users and decision makers in order to operate in a high pressure context.   In order to achieve this, General Dynamics Mission Systems–UK is seeking innovative technology and approaches able to help address the topics described above.  **Technology keywords:**  Artificial Intelligence, Machine Learning. Sensor Fusion, Distributed Processing |
| Response Instructions and Date | **Responses are required by close of business on 30 September 2020**  Please provide the following information within your response:   * Company name * Full name * Job title * Email address * Business description * A description of how your product can be used or adapted to address the topics above – no more than three A4 pages.   The Innovation Sourcing Network is seeking respondents to the call for innovation request. This request does not contain US export controlled technical data or proprietary information, and is approved by General Dynamics Mission Systems–UK for public release and is in the public domain.  Please send your response and any questions by email to: [**ISN@gd-ms.uk**](mailto:ISN@gd-ms.uk)  **Responses should not contain any export controlled technical data or proprietary information**   * Any subsequent interaction between General Dynamics Mission Systems–UK and a non UK-based respondent must be reviewed and approved in advance for UK Export Compliance requirements by General Dynamics Mission Systems–UK prior to such any interaction. * General Dynamics Mission Systems–UK will not be responsible for, nor will it pay for any expense which may be incurred by the supplier in preparation of its ISN response. * Supplier acknowledges and agrees that this ISN request does not commit General Dynamics Mission Systems–UK to any course of action, including not limited to, any purchase of supplier’s products or services or any future involvement with supplier. * The issuance of this request does not bind General Dynamics Mission Systems–UK to accept or review any response, in whole or in part. Subsequent pursuit or action on the part of General Dynamics Mission Systems–UK or the ISN respondent may require the respondent to comply with aspects of UK Export Controls including a need to register, or apply for or execute licenses or other authorisations. Firms or individuals subject to EU sanctions are not eligible to participate in this ISN request |
| Questions | If you have any questions, please email: [ISN@gd-ms.uk](mailto:ISN@gd-ms.uk) |
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