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# **Intelligent Vision Analytics**

In military and homeland security operations, large volumes of sensor data are collected through multiple vision sensors on different platforms. Image analysts are often overwhelmed with this high volume of raw imagery or video and a substantial amount of information are left unexplored. Intelligent vision analytics could reduce this volume of data by performing analysis to flag out key events and anomalies so that analysts can focus on higher level analysis work. This will also help shape a shift from retrospective analysis to a form of predictive analytics which will allow swifter and responsive military operations.

This call seeks for analytics to process a large volume of data efficiently and to derive intelligence both real time as well as in retrospect. Proposals can leverage on 'big data' techniques to manage, interpret and correlate large amount of unstructured image and video data and predict intents that are relevance to military operations. Techniques that can be cross-applied to a variety of defence applications involving satellite, unmanned aircrafts and land surveillance systems are more preferred.