

# **The Development of A Decision Support Tool to Dynamically Re-task Intelligence Surveillance and Reconnaissance Assets**

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Currently collection managers of intelligence, surveillance and reconnaissance (ISR) assets working in the Combined Air Operations Center (CAOC) are tasked with re-scheduling ISR assets based on mission changes. Currently, this work is done without automated support. Given the increasingly dynamic battle space and the need to have current feeds of data to support ground troops, collection managers may benefit from an automated tool that supports dynamic re-tasking of assets. Issues related to automation imperfection in decision support tools are explored including task performance, workload, and trust.