

To send or not to send: Does the transmission of unmanned vehicle imagery help or hinder Soldier performance?

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While there is little doubt that the information gained from unmanned vehicles has aided many a military mission, it is less clear whether the transmission of the image itself is necessary. Findings from two empirical studies will be used to illustrate the boundary conditions of useful image transmission, frequency of use, and situations in which mission performance improved with image transmission. For example, when the robotics operator was distributed from Soldiers conducting a mission, image transmission improved mission times. We will show video of useful and non-useful image transmissions in action.