

# DCIST UAV to ATAK Communication V2

Requirements:

- 1. UTM coordinates are part of the transform tree
- 2. tf\_static and tf topics are published
- 3. Object detection topic published as Detection2Darray and follows current protocol
- 4. UAS moves to location published by nav\_goal/2d

Future work:

- 1. Consolidate interfaces so ground and air robot interfaces are identical
- 2. Send to ATAK an image of the detected object
- 3. UAV moves to locations only sent to it

