

# UI EXPERIENCE OUTLINES

KEVIN DOROSH, RICHARD PRESTON, ELYSE COOPER,  
RYAN STOCKING

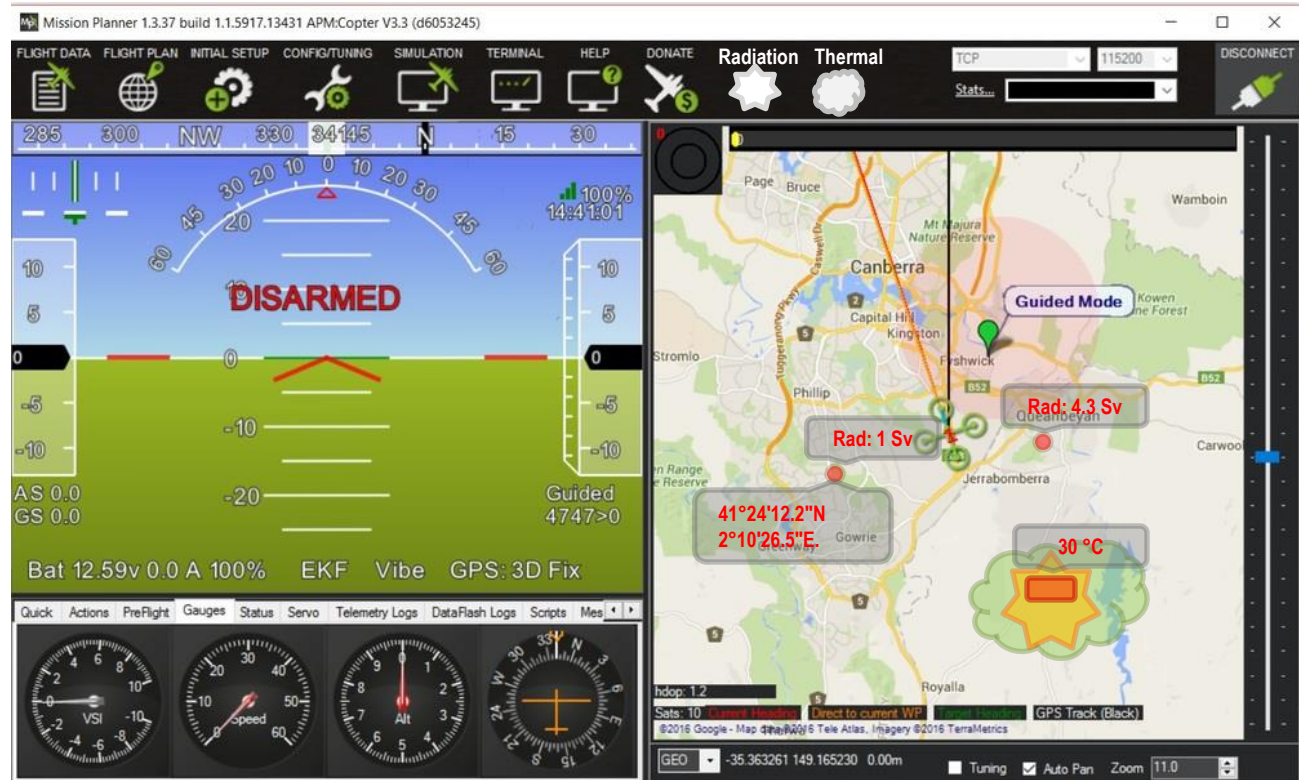
# INCORPORATE WITH MISSION PLANNER

## Pros

- Full integration with drone control software
- Professional and functional maps ready to work with

## Cons

- Not as portable
- Complicated base codebase



# INCORPORATE WITH GOOGLE MAPS

## Pros

- Professional and functional maps ready to work with
- Portable (non-drone solution compatible)

## Cons

- Not integrated into one tool



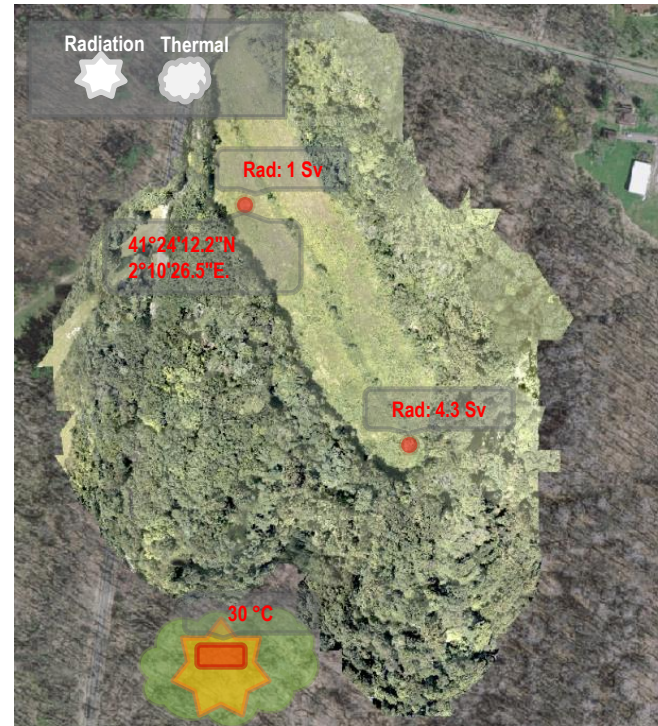
# ROLL OWN MAP UI

## Pros

- **Get full control of ending UI**
  - E.g., could use OpenDroneMap to generate 3D maps!

## Cons

- **Image stitching for map may not be clean depending on image quality**
- **Scope may be too large**
- **Don't reinvent the wheel**



# FEEDBACK FROM SPONSOR (PANETTA)

- **Make sure you can toggle Radiation and Thermal data overlays**
- **Show GPS coordinates on hover**
- **Should lean toward Google Maps/Own UI**
  - Portability is important in case we want this tech on the ground/cars etc.

