

MICHIGAN STATE
UNIVERSITY

Beta Presentation

Mobile Avionics Satellite Imagery

The Capstone Experience

Team GE Aviation

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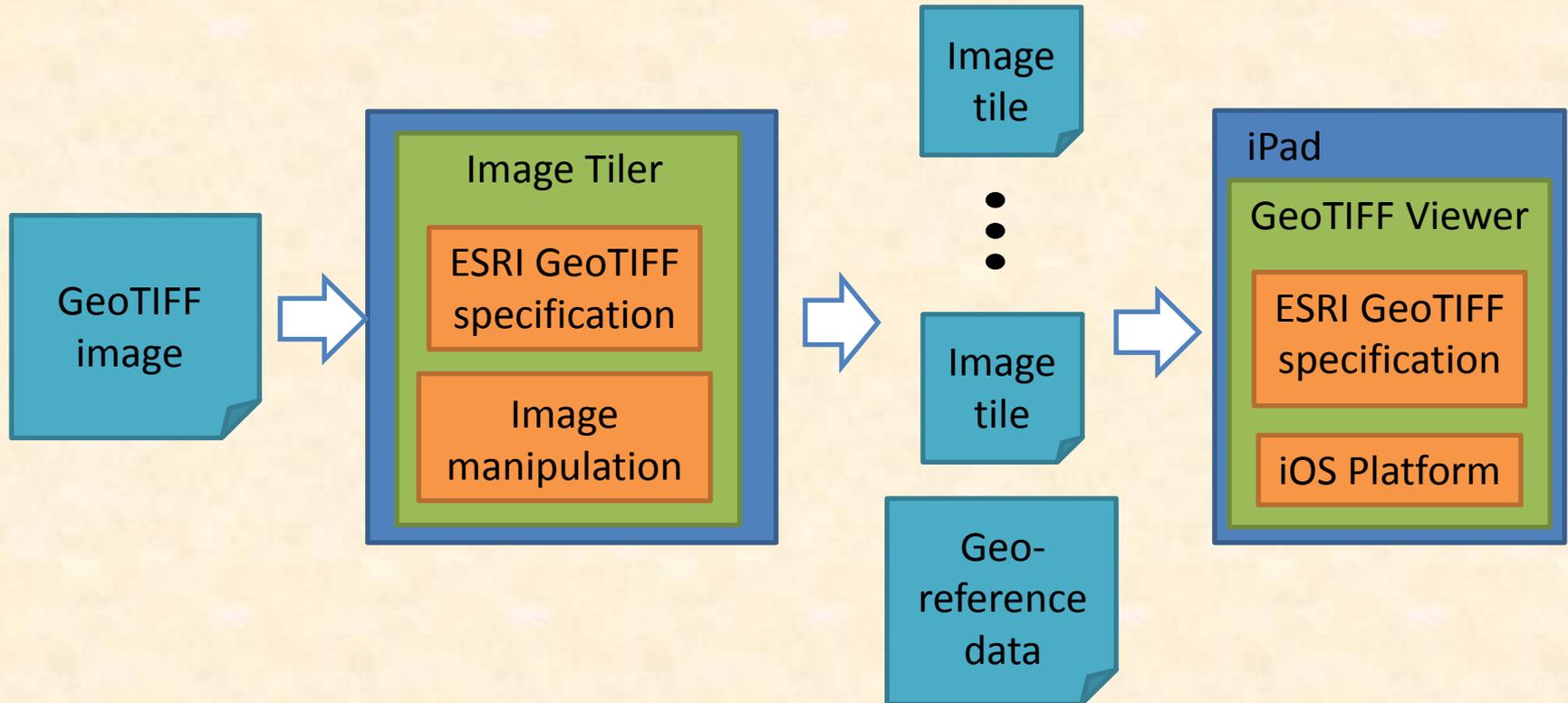
*From Students...
...to Professionals*

Project Overview

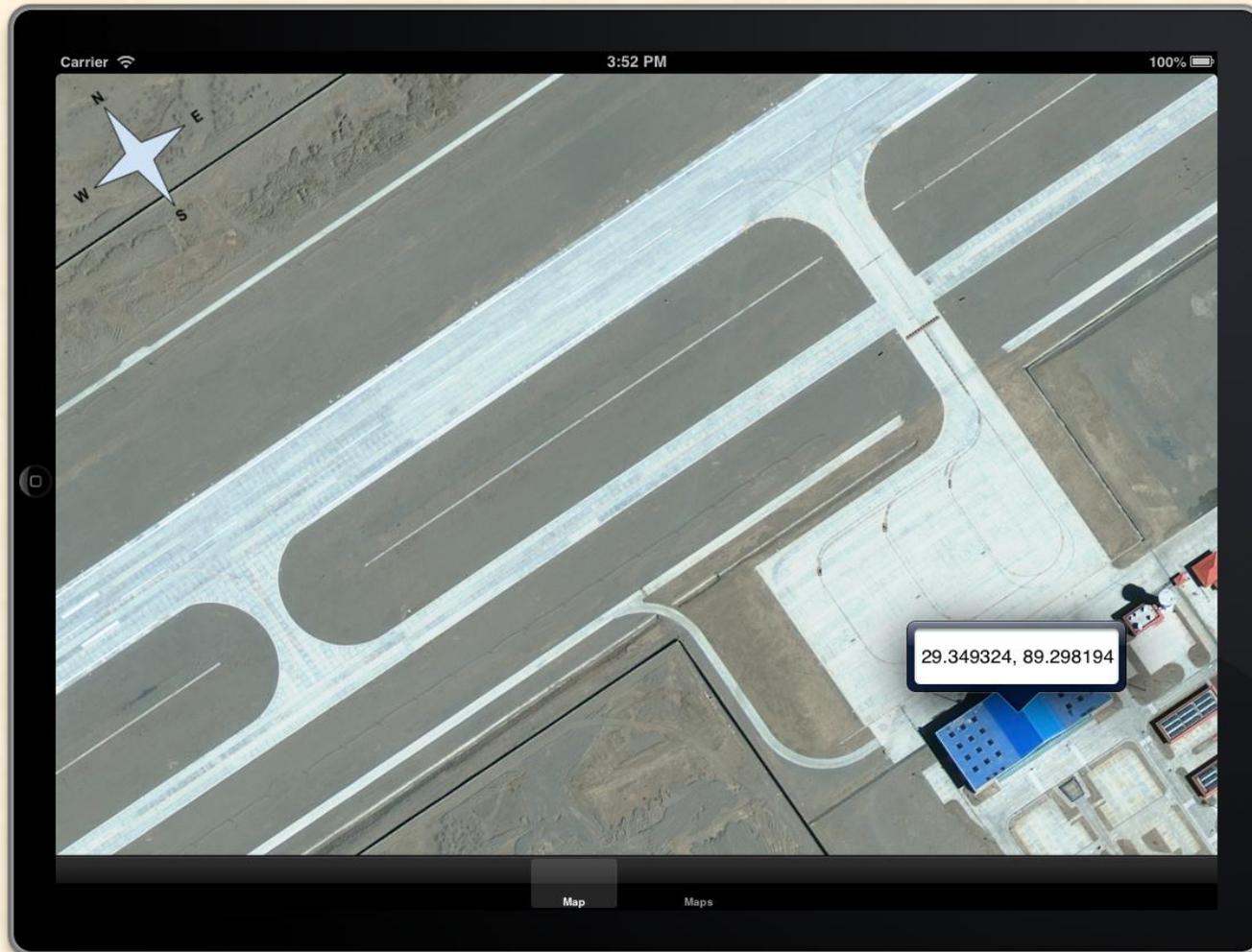
- Functionalities
 - Display ultra-high resolution satellite imagery
 - For use as a secondary source of information for pilots
 - On the Apple iPad
- Features
 - Intuitive, easy to use interface
 - Fast manipulation of images
- Technologies
 - Apple iOS SDK, C, Objective-C
 - GeoTIFF image specification



System Architecture



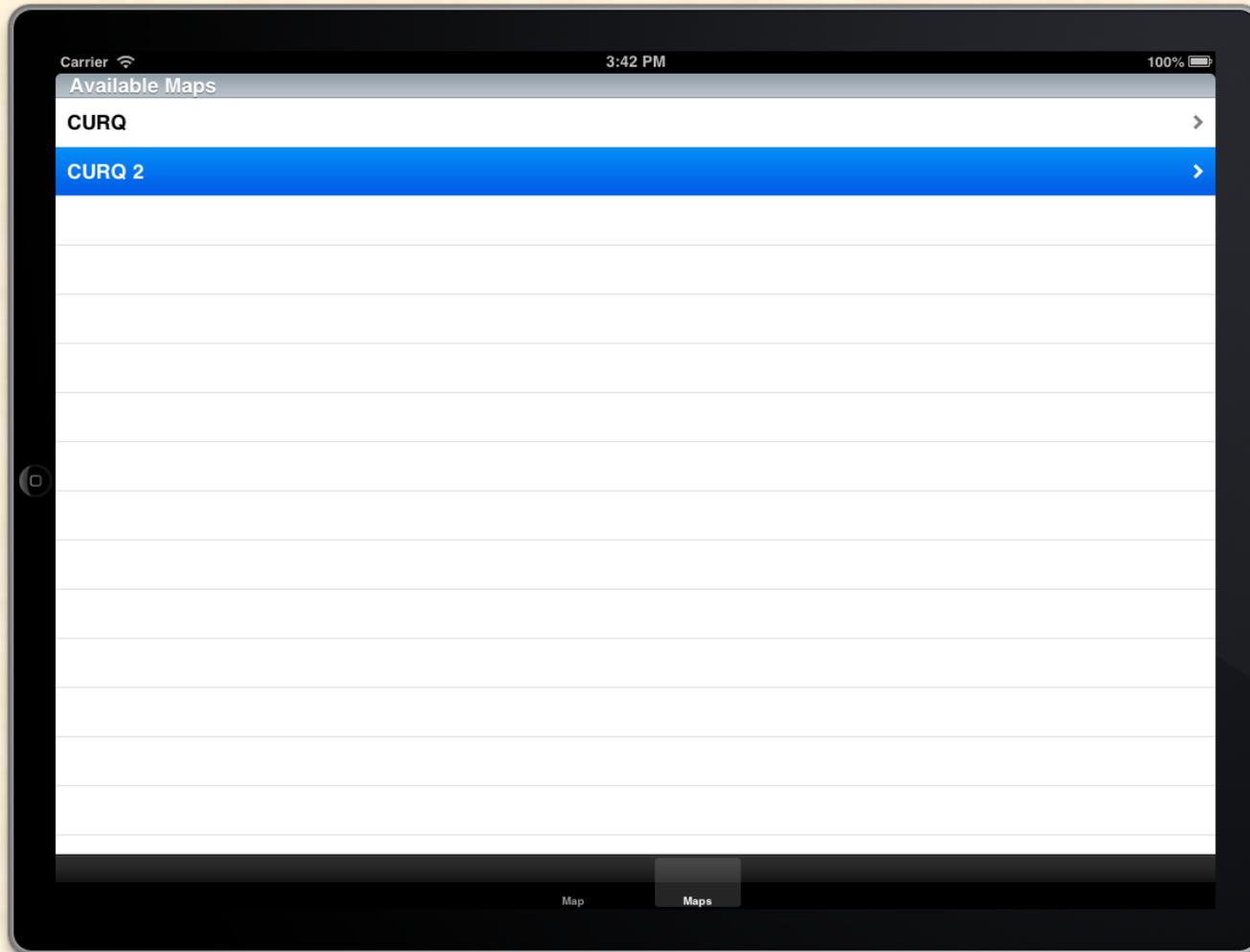
Displaying Coordinates



Full Image



Map Selection



Random Location



What's left to do?

- Project Video
- UI Refinement
- Bug Testing