MICHIGAN STATE
UNIVERSITY

Beta Presentation
GE MSU Next Generation Flight Deck

The Capstone Experience

Team GE Aviation

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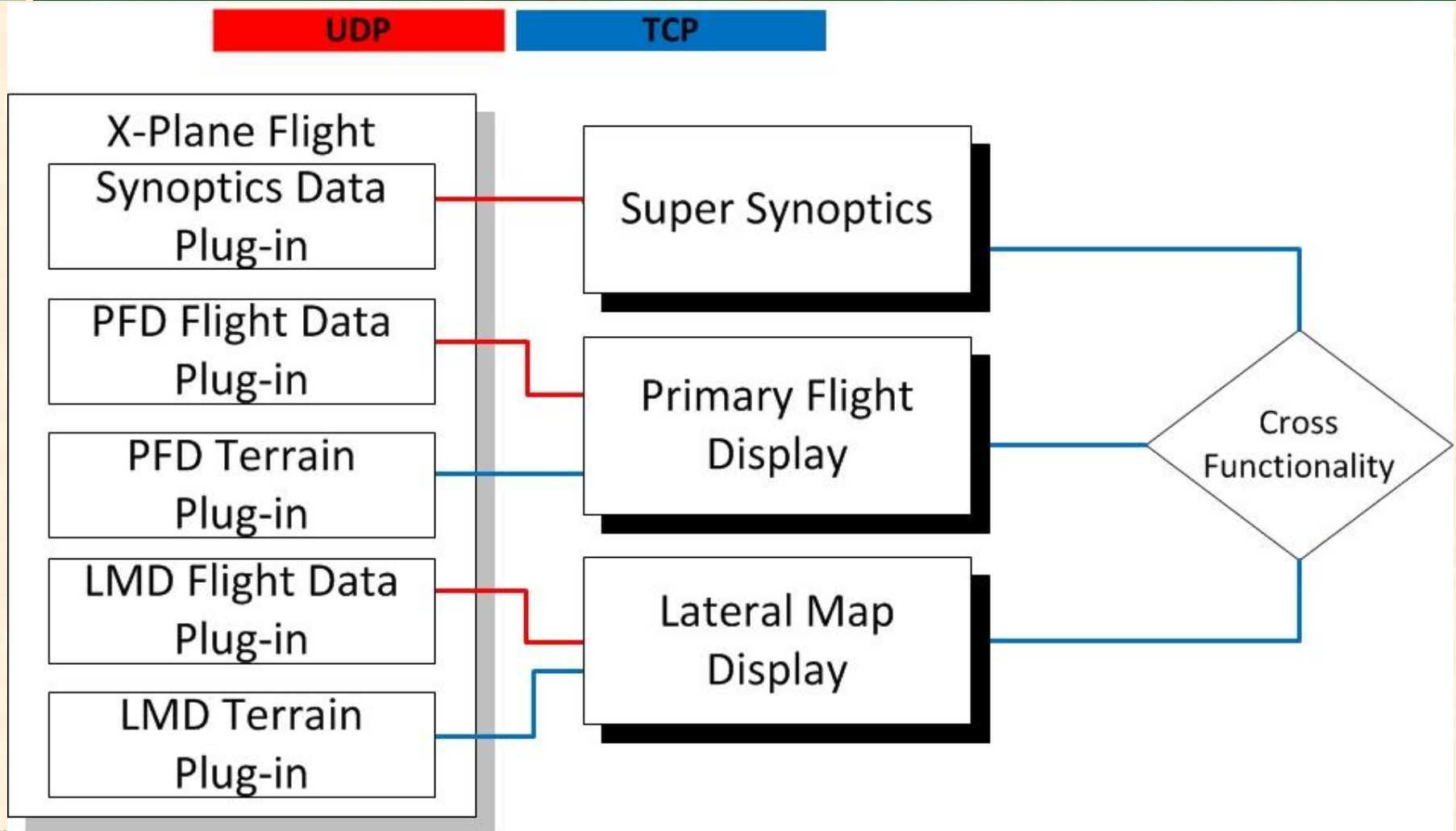Michigan State University

Spring 2011

From Students…
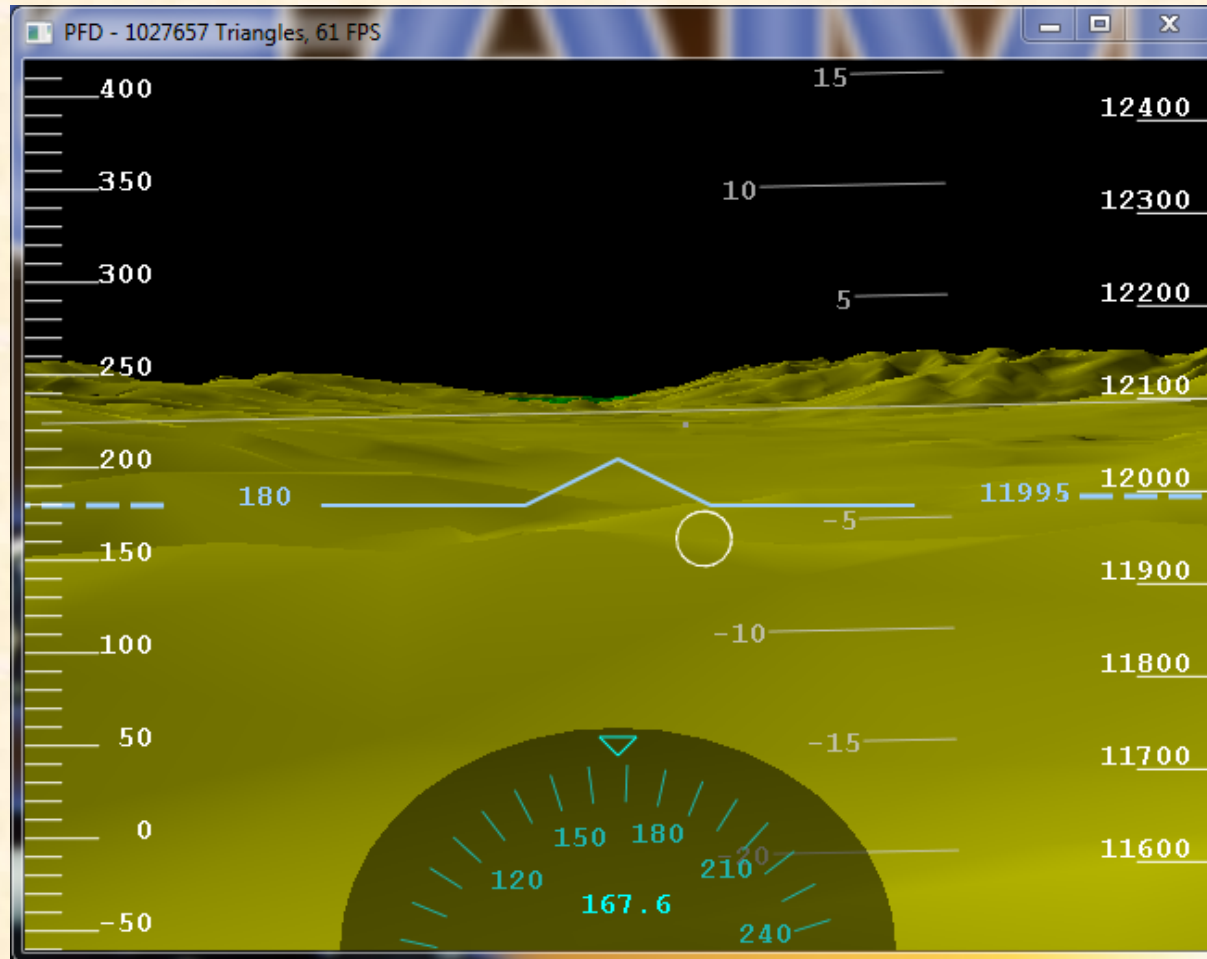*…to Professionals*

Project Overview

- Create the next generation flight deck
- Make flying
  - Easier
  - Safer
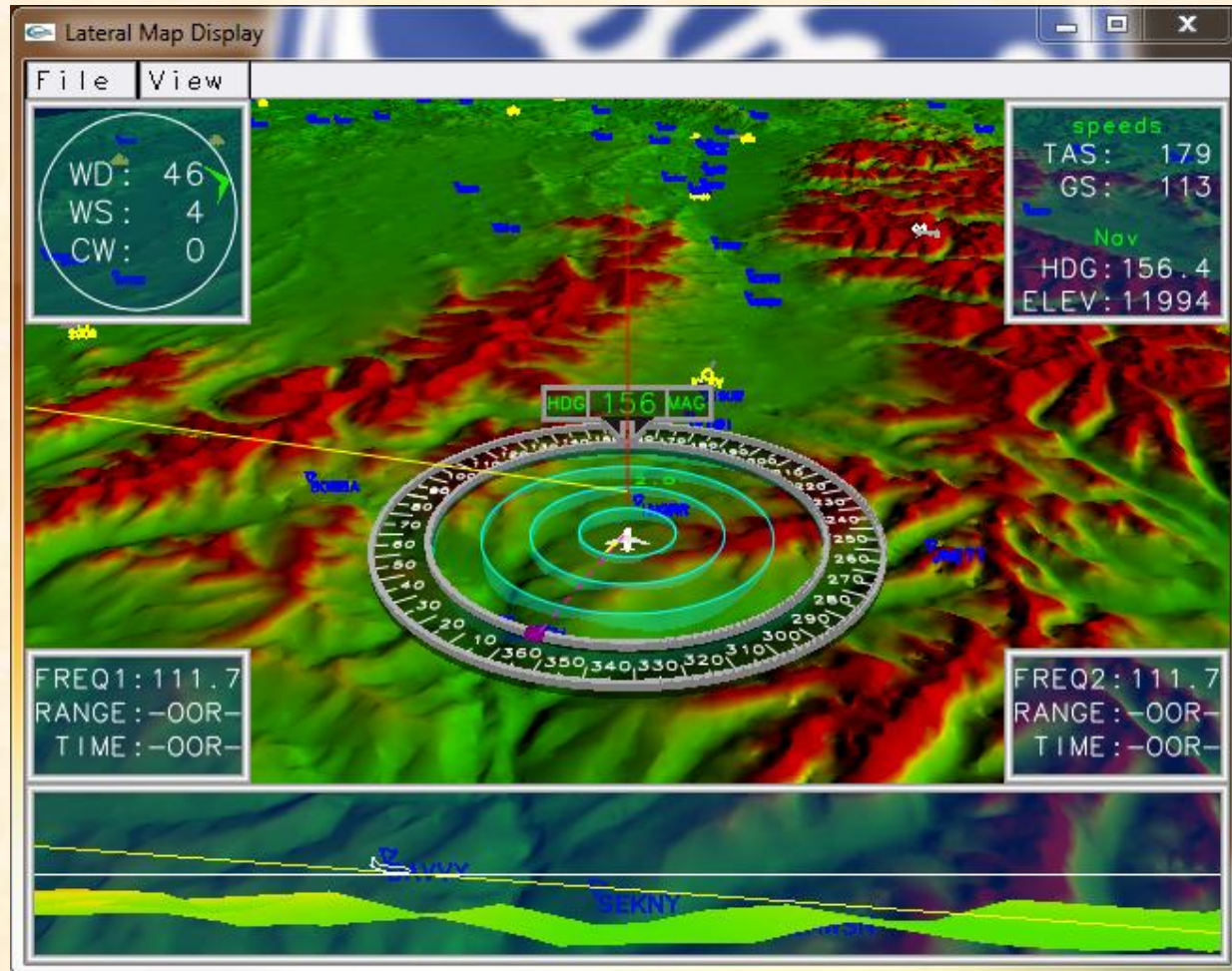 - Meet the demands of the future
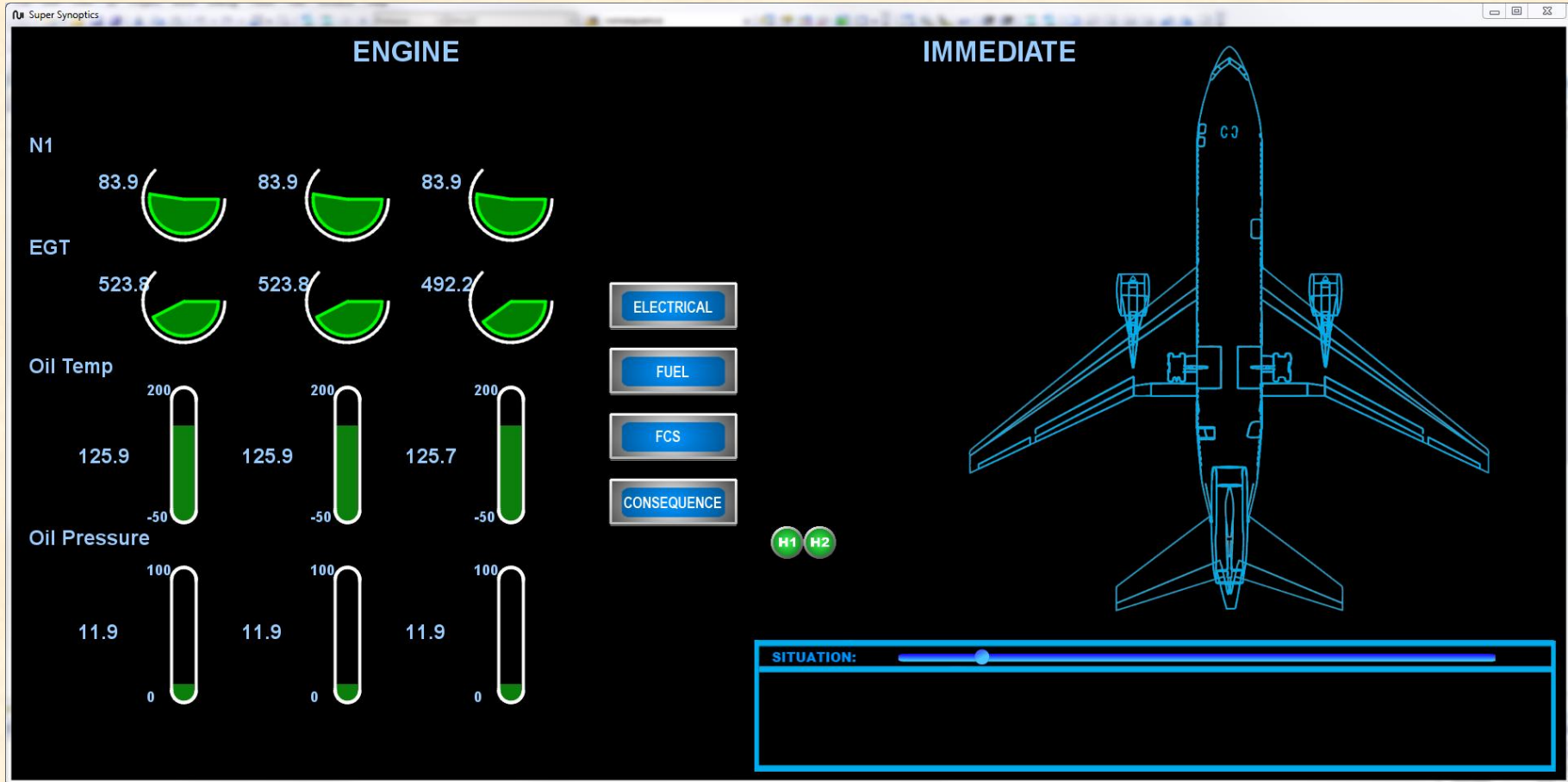
System Architecture

Primary Flight Display (PFD)

Lateral Map Display (LMD)

Super Synoptics (SS)

What's left to do?

- Additional Warnings sent from SS
  - Adding variables
  - Quick and Painless
- Additional, Optional Functionality
- Creating a viable "storyline" for Design Day
- Bug-Fixing
  - Cross-Functionality Plug-in
  - Compatibility issues with other machines