Beta Presentation
GE MSU Next Generation Flight Deck

The Capstone Experience

Team GE Aviation
Bill J. Zajac
Alex Delgado
Steven Cornfield
Daniel Alexander II

Department of Computer Science and Engineering
Michigan State University
Spring 2011
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