# MICHIGAN STATE UNIVERSITY

# Alpha Presentation Super Synoptics

The Capstone Experience

Team GE Aviation

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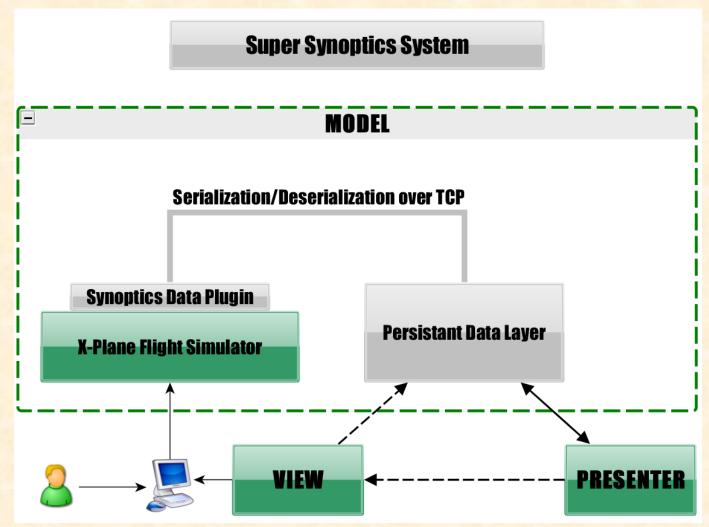
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### **Project Overview**

- Goal: make flight crew's decision making process easier
- Summarize flight deck instrumentation cleanly and intuitively
- Identify and suggest solutions to present and potential problems
- Be appropriately obtrusive as per the severity of the situation

# System Architecture



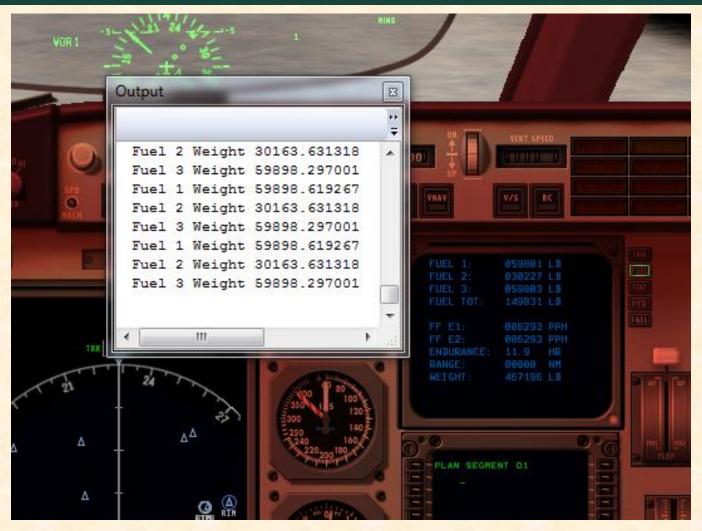


# Simple Synoptics





#### **Network Check**



#### What's left to do?

- Complete Synoptics Pages
- Add X-Plane IOS scripting/macroing
- Refine GUI
- Research historic aviation situations and model them in Super Synoptics