



STPA IN AGILITY PRIME

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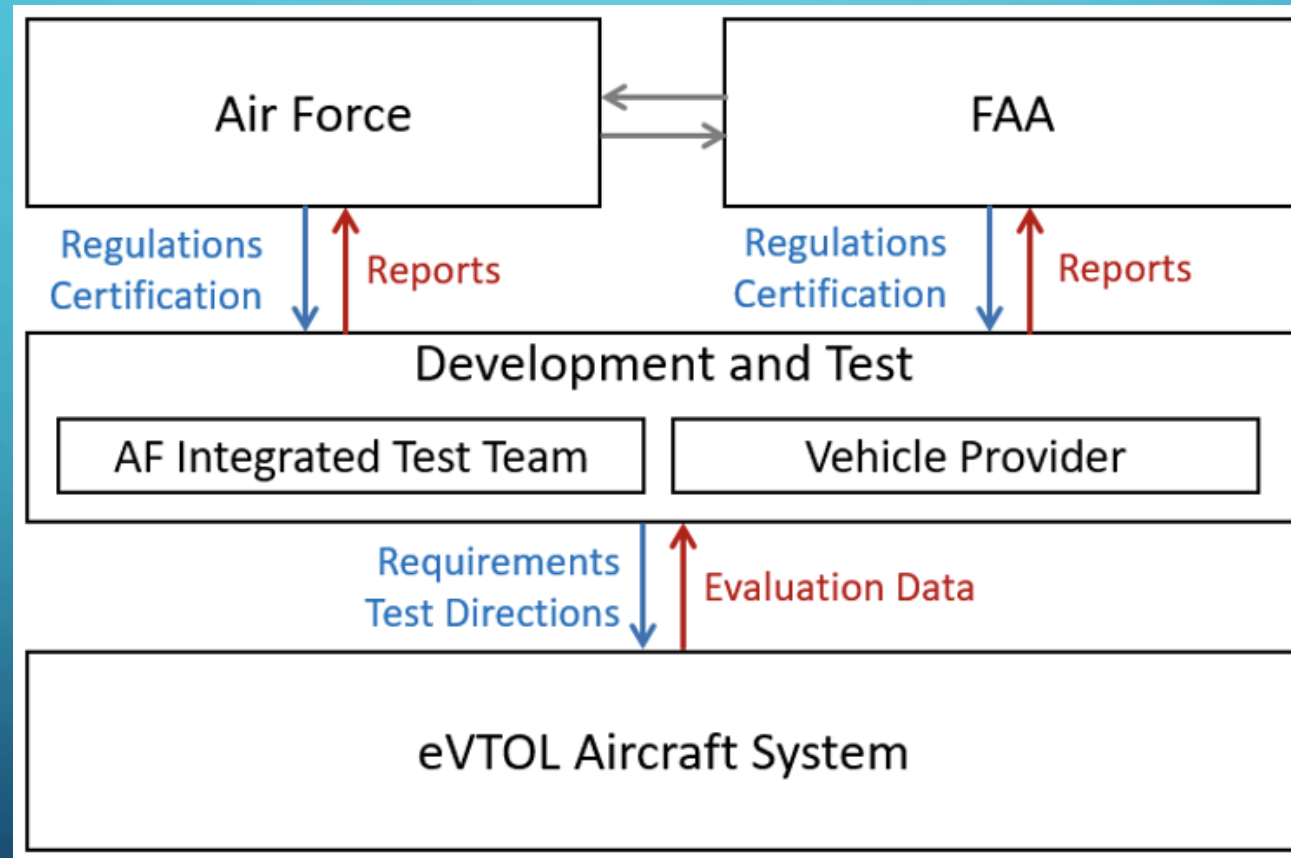
WHAT IS AGILITY PRIME?

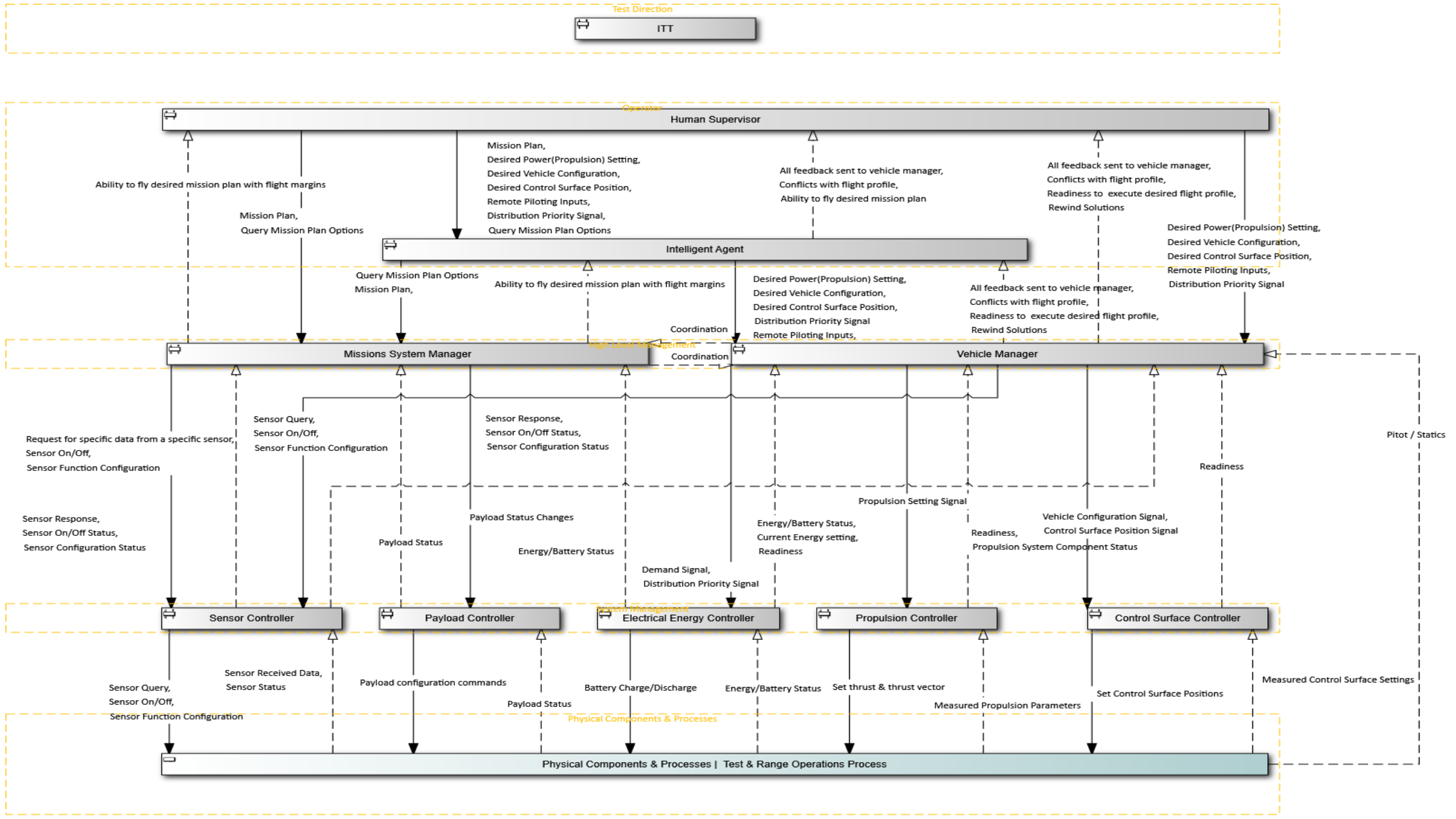
- One of many DoD efforts to accelerate commercial industry
- Focused on electric Vertical TakeOff and Landing vehicles (eVTOL)
- Initial goal = air worthiness
- Long term potential = commercial vehicles with military applications

WHY STPA?

- Unknown number of unknowns for each company
 - Goals
 - Design
 - Documentation
- Needed a methodology to handle any/all eVTOLS
- Could account for safety, air worthiness, & security

HIGH-LEVEL SAFETY AND CYBERSECURITY CONTROL STRUCTURE





RESULTS

- 4x sprints complete, 2x more requested
 - 1 generic
 - 3 company specific
- STPA results being used by air worthiness team as a part of testing
- 1x company already received air worthiness certification

IMPLICATIONS

- Pre-built, ready-made air worthiness/security test plans
- Security Policy