



ALERT ADSA15

TSA Requirements Analysis Platform

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Advancing Cybersecurity for Our Nation

GENERAL DYNAMICS
Mission Systems

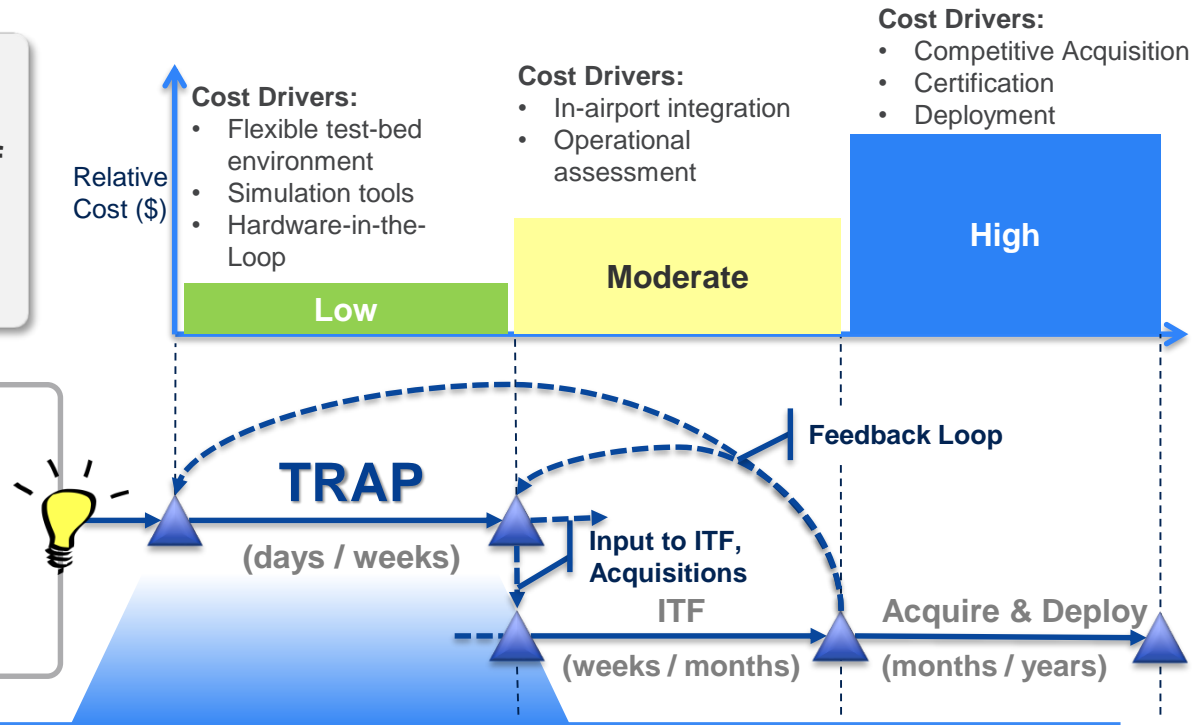
**CYBER + ELECTRONIC
WARFARE SYSTEMS**

TSA Requirements Analysis Platform (TRAP)

TRAP enables rapid, cost-effective demonstration, assessment, and validation of new security concepts early in the system development life cycle

Responses to TSA Mission Needs:

- Improve PAX experience
- Respond to emergent threats
- Increase operational efficiencies
- Introduce new technologies
- Deploy alternative CONOPS
- ...



TRAP Integrates ...

- TRL 0-7 technologies
- Current and evolutionary architectures
- Simulation and Prototypes

Enabling TSA to ...

- Evaluate operational impacts to a system
- Rapidly respond to emergent threats
- Explore new technologies and concepts

Resulting in ...

- Informed acquisitions
- Reduced cost
- Faster capability deployment

TRAP Functional Architecture

