

COLLABORATIVE DEVELOPMENT – OPEN SYSTEMS ARCHITECTURE

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SO WHAT? WHO CARES?

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The Air Force needs an efficient and effective ISR intelligence and operational platform that can quickly adapt to a rapidly changing threat environments, and efficiently address aging systems and soaring sustainment costs.

Problem:

*The weapons system needed an overhaul—not just to stay current and modernize, but to reduce risk in dynamic cybersecurity vulnerabilities, all with zero mission interruption. **The traditional “legacy” approach took 84 months to deploy solutions.***

Solution:

Booz Allen created the Open Systems Architecture framework strategy that enabled Collaboration with Business Rules that synchronized engagements across a complex Stakeholder Register that accelerated Program Objectives.

Booz applied a collaborative environment approach and drove down deployment time to 6 months.



WITH THE RIGHT FRAMEWORK, COLLABORATION GETS RESULTS

What did we do: used Collaboration Tools such as the following:

- Collaboration was “baked” into the program from the onset
- Conferences established frameworks that detailed levels of effort per entity/organization, lines of communication, dependencies and timelines
- A meeting “battle rhythm” tailored for each functional area of interest resulted in actionable results



Results? A virtuous cycle of Analyst-first Engagement:

- Continuous communication with end-users and stakeholders to validate expectations and specifications are met
- Positive-feedback loop approach focuses on deployment and process improvement and verifies efficiency

TSA Relevant AF Program Outcomes:

- Stood up capability in less than 6 months versus up to 84 months in the legacy approach.
 - Short-term ATOs within 5 days of security control assessment (SCA) and full-term ATOs with 6-8 weeks of SCA.
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