

AVIATION WEEK

NETWORK

2016

Program Excellence Awards



Honeywell



**Rockwell
Collins**



The IFT program provides a scalable solution to the Arizona Surveillance Technology Plan and is one step towards securing our nation's borders.



Program Situation

- Failure of the prior acquisition and deployment attempt
- Dramatic change in new procurement strategy
- Needed rapid deployment of technology
- Required an operational, proven system

Program Sense of Urgency

- Release of request for proposal
- Rapid deployment in 12 months or less
- Deploy system operation training
- Complete Testing, Evaluation, and Acceptance
- Obtain Certification of System and Congressional approval



The customer expected its contractor to execute a very aggressive, low risk program schedule and immediately react to agent feedback

- ✓ The BEI metric **indicates the efficiency** with which tasks have been accomplished when measured against the schedule baseline
- ✓ The BEI is a calculation using the cumulative number of tasks actually completed as of a status date to the cumulative number of baselined tasks scheduled/planned to be completed as of the same status date

Cumulative BEI = 1,916 Actual / 1,955 Baseline = 0.98 efficiency through the current reporting period

- ✓ Implementing this best practice required a **very solid baseline** in the Integrated Master Schedule

Results

- All program milestones and customer goals have and continue to be achieved
- Program has and continues to maintain a **BEI of 98%**

Challenges

- Establishing baseline durations
- Agreeing upon discrete completion criteria for tasks
- Ensuring suppliers and team members execute work to the baseline tasks

Lessons Learned

- Look at lower level work breakdown summary tasks and their BEI's
- Use Earned Value Techniques 0/100, 50/50, and milestones as discrete completion criteria.



- ✓ **The IFT Integrated Program Team (IPT) created a high-level Alpha process**
- ✓ **The IPT created a Plan of Action and Milestones (POA&M)**
- ✓ **The POA&M provides management the ability to project timelines for execution and portfolio alignment.**

Results

- Agents needs were captured
- Requirements became contract modifications
- Additional capabilities and technologies were established
- The “Customer’s Voice” is being heard and end user satisfaction is high

Challenges

- Alignment of Stakeholders on Statement of Objective and Statement of Work/Performance Work Statement
- Maintaining Milestone completion dates

Lessons Learned

- Set level of work effort and timeline expectations early
- Explore the value of Statement of Objectives.

