

Working Group Outbrief

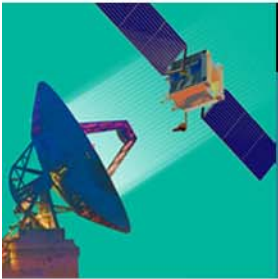
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Session 11A

Expanding Access to Satellite
Information through the Compatible
Satellite C2 Framework

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Session Goals

- Introduce the Sat C2 framework and benefits
- Inform USG and industry of progress and plans from various users
- Demonstrate framework utility
- Receive feedback on approach & governance

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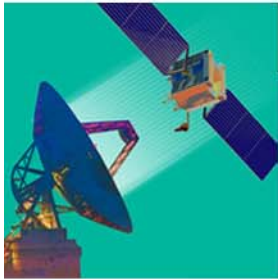
Presenters/Panelists/Demoists

- Don Sather
Aerospace
- Dan Smith
NASA /GSFC
- Vinay Swaminathin
SMC/RN
- Tiffany Morgan
SMC/SDTD
- LtCol Joseph Gueck
NRO
- Doug Harris
Aerospace (ORS)
- Tom Sullivan
Aerospace (Ground Systems Lab)

- Matt Handy
NASA/GSFC
- Sara Case
al Solutions



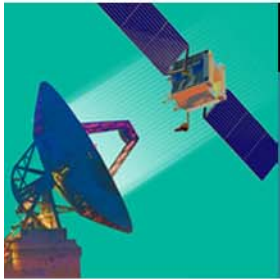
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Key Points

- Further optimization of the “cylinders of excellence” will not bring about the continued cost savings being required of programs – need a paradigm shift
- Framework approach is a “disruptive” technology for both the vendors and the customers
 - Opportunity:
 - Opens markets to smaller ground software vendors
 - Adds CONOPS and capabilities that are current not possible or difficult to implement
 - Fosters innovation, new products
 - Prevents vendor lock-in
 - Risk:
 - Government no longer buying a proprietary, monolithic turnkey system from a single vendor
 - Vendor return on investment
- Changes in the Government procurement methodology would enhance cost savings using this approach
- More work to be done in the areas of data format standardization
- Successful use of the framework at an enterprise level will require good documentation and firm governance to ensure compatibility & consistency across implementations
- Enterprise modeling will help with trade studies
- For many Government agencies there is no one organization overseeing the enterprise – who designs it and who gets funded?

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Conclusions

- Budget and other pressures already require a change to the way ground systems are designed and procured
- Organizations are starting to implement the GMSEC/Compat SatC2 architecture – it works!
 - DoD level governance is needed and is being worked
- Implementation can fundamentally change business models for COTS vendors, and user CONOPS and capabilities
- More work to be done regarding standards

