

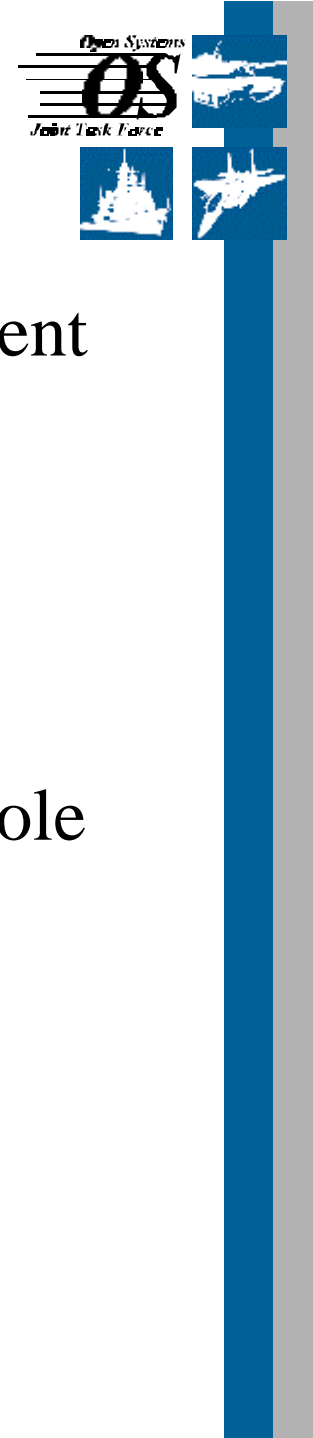


Application of Open Standards in Weapon Systems Real Time Forum

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Open Systems Joint Task Force

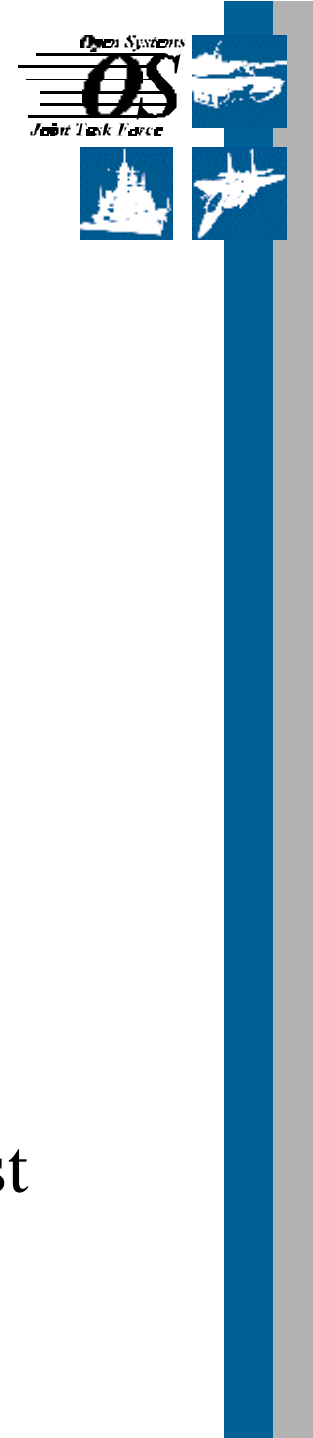
Arlington, VA
25 October 2000

Challenges



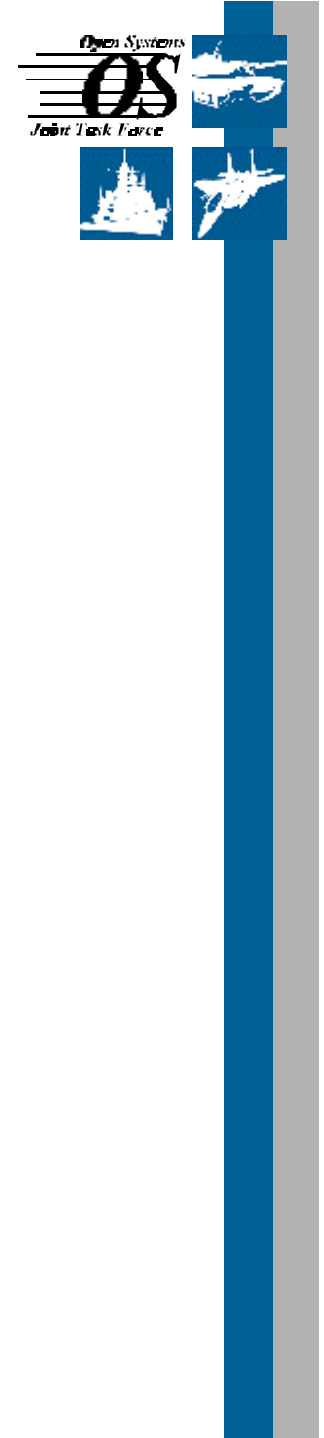
- Embed open systems applications into government & industry processes
- Incentives for industry to adopt open systems (increased competition Vs long term supplier relationships)
- Influence the standards development process - role for government
- Role of open systems in mitigating risk of diminished manufacturing sources
- Has open systems made “software reuse” manageable. How would we accomplish this?

Challenges - 2



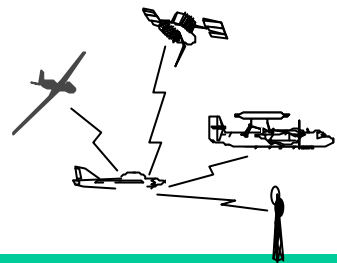
- Should we attempt to developing a cost-benefit analysis tool?
- Degree of management oversight in both government and industry needed to assure proactive open systems implementation
- Training the work force - what still needs to be done in both government and industry
- Value of current JTA implementation approach
- How to integrate open systems precepts into cost effective test programs

Challenges - 3



- Sustainment decisions in concert with prudent technology insertion and cost factors
- Get an agreed definition of open systems
- Evolve budget system to align with current systems development processes

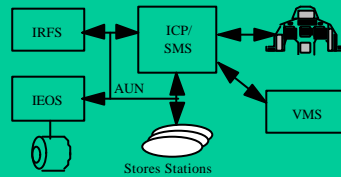
Challenge to Real Time Forum



**Level 1: Force Structure/
System of Systems**



Level 2: Weapon System

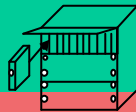


**Level 3: Major Subsystem/
Avionics Suite**

Scope/Purview

 **OSJTF**

 **RT Forum**



**Level 4: Functional Area/
Integrated Core Processing**



**Level 5: Hardware/Software
Building Block**



**Level 6: Hardware/Software
Component**