Approaches to Achieving Common Architectures and Common Components

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GSAXW Buzz

• Resolve tension between “integrated satellite control” and desire for support for commercialization
• Do we have to give up something with commonality?
  – LCD
  – Plug and Use
• New directions and challenges
  – Architectural Representation
  – Technical trends, tools
  – Component management and configurability
• Domain Responsibility: We ought to something about it
Session Topics

• Themes:
  – What do we have to do to make common architectures really work?
  – Look at new technical directions and approaches to solve some challenging architectural issues

• Topics:
  – Standards are great but ... challenges remain
  – Some directions and challenges of component-based architectures
  – Architectural representation and policy issues in Interface Management
  – Solving the Component Deployment Problem
  – Greater flexibility/interoperability of Satellite systems with internet technologies
  – Integration with Space command and control
  – Future evolution of AFSCN
Summary

• You really need to attend Breakout Session 4 !!