

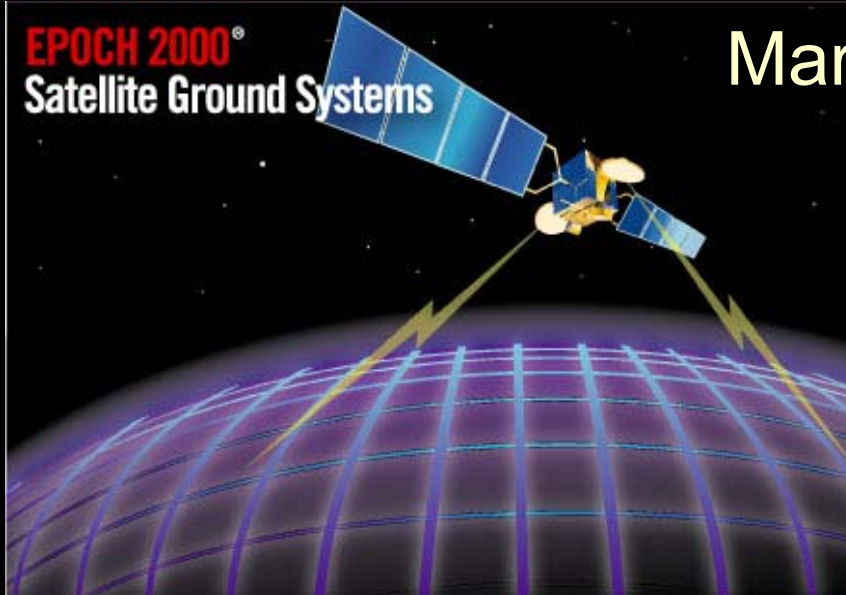
# *GSAW2003*

## *Summary Panel Discussion*

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Satellite Ground Systems

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**INTEGRAL  
SYSTEMS**

# *Background*

- Integral Systems has often been the contrarian at GSAW
- We have preached a commercial approach to building ground system for over five years
- Many commercial operators don't require an architectural definition or description
- Integral Systems and Aerospace have agreed to disagree in the past, so ... my position is:

# *Panelist Position*

- **Question 1: How do you think using an Architectural Approach should help a project ?**
- **Position: I agree with whatever Mary Rich says during the panel discussion.**

# *Panelist Position*

- **Question 2: How could it (an architectural approach) make things more difficult?**
- **Position: It can generate a long discussion on how to define and document the architecture and take the focus away from “ what are the requirements?” and “how are we meeting them?”**

# *Panelist Position*

- **Question 3: What aspects, features, or characteristics of an architecture do you think are most important to determine in advance and which may be left to emerge?**
- **Position: I disagree with whatever Raytheon says on this subject.**

# *Panelist Position*

- **Question 4: Would you expect a “payoff” in the first delivery, or would the benefits come later on?**
- **Position: Both, since both are often required in competitive procurements these days.**

# *Panelist Position*

- **Question 5: If you have experience with a project that used an architectural approach, what could they have done differently to improve the outcome?**
- **Position: On CCS-C, I agree with the lessons learned that were discussed Tuesday - Extend the competitive fly-off phase timeline and increase the support of legacy satellite contractors.**