

# GSAW01 COTS/Pre-Fab Panel Outbriefing

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# Intended Goals

- To identify COTS impacts, issues and risks as relates to Ground Systems domain
- To produce a new list of prioritized COTS/Pre-Fab issues list
- To compare them against previous GSAW COTS panel results
- To talk about other ‘interesting’ stuff

# What Happened?

- Presentations made to hilite some new areas of concern (Kohl, M. Brill)
- Reviewed GSAW99, GSAW00 COTS issues list
- Created a new list of ‘COTS issues’, using GSAW99/00’s List of COTS issue (reuse!!)
- Prioritized the new list
- Lively, titillating exchanges; 16 participants, no wounds!



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# 8 New COTS Issues for 2001

- Mission Risk (7)
- # of sales opportunities/revenue
- COTS independent architecture (3)
- Integration of COTS with other stuff (5)
- Maintaining development skills (h/w, s/w)(6)
- Acquiring/maintaining COTS skills
- Customer resistance to COTS (NIH)
- Product Maturity (4)
- 5 of new issues made Top 10!

# Trends on COTS issues

- Duration between product versions
  - GSAW99 = 6.3 months
  - GSAW00 = 8.5 months
  - GSAW01 = 8.75 months
- Integration of multiple COTS products (2, 1, 1)
- Rqmts/needs vs COTS capabilities (1, 3, 5)
- Cost vs benefit of upgrading (9, 2, 4)
- Cross platform portability (17, 7, 3)
- A new definition: CaNDI!!!!



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# What next (reused from GSAW99/00)?

- Plan to have another COTS panel at GSAW2002
- Consider a theme/track on COTS (very prevalent in GSAW01, 00, 99)
- Continue trend analysis
- Engage COTS community with results and plans



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# Summary (reused from GSAW99/00)

- COTS is good and here to stay
- But, .....
  - some/many issues not yet unearthed
  - some/many costs not yet discovered
  - some/many benefits not yet realized
- Of 23 issues this year, 15 were part of 1999/2000 list!!
- Priorities have changed, as rated by GSAW

# COTS refs

- SEI's COTS-Based Systems Initiative
  - <http://www.sei.cmu.edu/cbs/>