Working Group Focus

Issues Related to Evolving Requirements Include:

Requirements Creep

Volatile Baselines

Unrealistic Schedules & Budgets

Inadequate Test Plans

Undefined Space/Ground Interfaces

End-to-End Performance Requirements MIA

If these topics sound familiar to you, come hear experts from
Contractor and Government teams present their views and experiences!

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Participating Acquisition Experts

- **Invited Speakers/Panelists**
  - ❖ **Suellen Eslinger**

    Distinguished Engineer

    The Aerospace Corporation

  - ❖ **Brian Gallagher**

    Director, Acquisition Support Program

    Software Engineering Institute

  - ❖ **Linda Martz**

    Engineering Director

    Raytheon IIS Rocky Mountain

  - ❖ **Asya Campbell**

    Systems Director, AEHF

    The Aerospace Corporation

- **Session Chairs**
  - ❖ **Nancy Kern**

    Senior Project Lead, SED

    The Aerospace Corporation

  - ❖ **Mary Jo Gura**

    Associate Director, CSD

    The Aerospace Corporation

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Working Group Format

- **Forum for software-intensive ground system experts**

  - ❖ **Developers, acquirers, users, and researchers**

  - ❖ **Share knowledge and experience in developing & acquiring systems with evolving requirements**

- **Presentations**

  - ❖ **Briefings by senior acquisition experts**

  - ❖ **Q&A following each briefing**

- **Panel Discussion**

  - ❖ **Panel members with extensive software acquisition experience**

  - ❖ **Continued discussion of briefing topics**

  - ❖ **Discussion of audience concerns & ideas**

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Presentations

- **Acquiring Software-Intensive Ground Systems with Evolving Requirements**
  - ❖ Suellen Eslinger has over 40 years experience in the acquisition of software-intensive systems and has led numerous Aerospace software research projects. Her presentation focuses on methods for reducing software acquisition risk due to evolving requirements.

- **Identifying Acquisition Patterns of Failure Using Systems Archetypes**
  - ❖ Brian Gallagher is Director of the SEI's Acquisition Support Program, supporting the needs of DoD and other government acquisition programs. His presentation describes a method used to describe and analyze common patterns of failure in software-intensive acquisitions.

- **How Raytheon Meets the challenge of Developing Systems with Evolving Requirements**
  - ❖ Linda Martz has over 30 years of experience in managing and developing complex software systems. She will describe some best practices and lessons learned in managing the development of numerous systems, including NPOESS Ground.

- **Advanced Extremely High Frequency (AEHF) Program, Mission Control Segment (MCS)**
  - ❖ Asya Campbell is the Aerospace Systems Director for AEHF Mission Control. She will describe how the Government and Contractor teams have worked together to meet the challenges of developing the AEHF MCS.