MCR Federal LLC

- **Specialty**: Risk analyses of hardware and software, with the goal of assessing risk impacts on cost and schedule

- **Risk Analysts**
  - Dr. Stephen Book
  - Mr. Raymond Covert

- **Applicable Techniques**

- **Looking for teammates in complementary areas**
Cost-Risk Analysis

- Investigation of possible risk issues impacting development, production, and application of hardware and software for national security
- Assessing the probability of those risk issues significantly affecting a program
- Estimating the impact of those risk issues on program costs and schedules
- Technical support on risk analysis provided to NSA, NRO, CIA, DNI, USAF, USN, USA, USMC, NASA, and other Government DoD and civilian organizations
Personnel Qualifications

• Dr. Stephen A. Book
  — Ph.D. in Mathematics, with concentration in probability & statistics

• Mr. Raymond P. Covert
  — MS in Electrical Engineering with concentration in Satellite Communications

• Both Dr. Book and Mr. Covert are recognized internationally as leading researchers and practitioners of probabilistic risk analysis

• Both are considered valuable resources on risk analysis by DoD, NASA, and Intelligence agencies
Capabilities and Teaming Interest

• We have capabilities in technical and probabilistic risk analysis using several techniques
  – Joint and conditional probability calculations
  – Monte Carlo random sampling
  – Probabilities of large deviations

• Need to team with organizations that have complementary capabilities such as
  – Psychological analysis
  – Human factors engineering
  – Network analysis
MCR Contact Information

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