



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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