



**Chris Geswender aka “Spock”**  
**Senior Consultant, RWB Aerospace Professionals**

As a Senior Consultant, Chris exemplifies technical excellence and breadth of experience. He is recognized as a distinguished expert with specialties in Systems Engineering and Systems Architecture. In 2013, Chris Geswender became a certified Senior Technical Fellow in Systems Architecture. His principal talents are innovative design and business development. He also understands the criticality of identifying technical and programmatic risks so an effective risk management strategy can be developed; this has contributed to his great success in a large variety of military weapons products.

Chris Geswender has over 38 patents with more in process, which illustrate the diversity of his contributions. He is recognized nationally as a technical leader, and in 2014 was awarded the coveted Richard Johnson cup from the Precision Strike Association for a sustained technical leadership in the field of precision guidance. He was also the US representative on numerous NATO study groups on precision guided weapons.

- 52 Years of Weapons Knowledge
- Systems Engineering
- Technical Innovation
- Problem Program “Savior”
- Systems Architecture
- Team Leadership
- Competitive Analysis
- Black Hats/Proposals

**Accomplishments**

**Experience Beyond Compare**

Chris Geswender has 52 years of combined experience in weapons design, development and testing defense. He has participated in either the conceptualization, proposal, design, development, testing, qualifying, fielding, or upgrading of innumerable tactical weapon products as well as strategic weapons.

**Proposal & Technical Strategy**

An example of his approach to weapons design can be seen in the creation and winning of the Advanced Interceptor Initiative (AI3), a weapon designed to destroy incoming RAM (Rocket, Artillery Mortar) threats. He ghosted the competition, found fatal system architecture flaws in their approaches, and evaluated the range of threats, the capabilities of the fire control to engage, the threat hardness criteria, the required warhead capabilities, the guidance required to effectively deliver the payload, and even did the initial system architecture including communication networking consistent with existing nodes and protocols. The AI3 project was highly successful; the team executing the system design surpassed an existing USG program with the same mission and with a decade head start. The AI3 success contributed to Raytheon Missiles winning IRON DOME.

**Problem Program “Savior”**

Chris has a reputation for saving failing programs. While not disclosing which programs were in trouble, he was asked to join those programs as Technical Director or Test Director to get the programs back on track. A number went from risk of cancellation to production and have been successfully used in combat. Some other programs went from embarrassments to accomplishments and were able to successfully fulfill the concept exploration contracts.

**Partial Recent Project List:** Analysis of XM-1210 Concepts, Audit of XM-1155 Patent Submission and Concept, Black Programs, HVP Derivatives and Required Architectures, Miniature IMU Development, Containerized Missile Launchers/USAV, PERM Proposal

**Partial Weapons Project List:**

- Advanced Programs Department: Close Combat Lethal Reconnaissance – Lead Engineer
- Excalibur 1B (XM982) Proposal – Special Projects Engineer
- Advanced Programs Department: Precision Guidance Kit – Lead Engineer/ Deputy Program Manager
- Excalibur (XM982) program – GAA Lead Engineer
- Mid-Range Munition/Medium Range Ammunition/Armament Suite (MRM/MRAAS) Programs – Technical Director
- Extended Range Land Attack Projectile (ERLAP) Program – Chief Engineer
- Excalibur (XM982) Proposal Team – Lead Proposal Test Systems Engineer
- Extended Range Guided Munitions (ERGM) Program – Lead Systems Engineer
- Joint Air-Surface Strike Missile (JASSM) Proposal – Lead Systems Engineer
- Powered Joint StandOff Weapon (JSOW) Demonstration Program – Technical Director and Co-lead
- Joint StandOff Weapon (JSOW) “First Flight” – Team Lead

**Qualifications:**

- 2014 Richard Johnson Trophy for Technical Excellence For Achievements in Precision Warfare
- 38 USPTO Patents awarded, Most US Patents also registered with WIPO. Other patents still in process
- Active Security Clearance
- Company Recognition – Raytheon Missile Systems
  - Nominated for Principal Technical Fellow – 2009
  - Awarded Excellence in Technology for Achievements in Guidance and Control – 2004
  - Elected Senior Technical Fellow – 1999
  - Awarded Technical Excellence Award for contributions in Guidance and Control – 1994
  - Elected Distinguished Member Technical Staff – 1988
  - Elected Senior Member of the Technical Staff – 1985

**Education:**

- BS, Physics, Southwestern Oklahoma State University

**Security Clearance:** Active Security Clearance

