Integrating Advanced V&V Approaches into Industrial Product Development Processes

AFRL, Raytheon collaboration

- Integrate AFRL SPEAR & AGREE work into Raytheon MBSE, product development process – to mature mutual capabilities
- Runtime assurance and assume – guarantee framework in establishing contracts between autonomous wingmen and human flight leads can help evaluate how contracts options improve mission effectiveness
- Advances in sensor and processing technology have begun to require advances in building trust into our systems
- We can integrate advanced methods of building trust with advanced methods of conducting IV&V
- SOI / SS inputs, needs and interface concerns validate the need for V&V

COGNETO demo Instance

- MBE Development & Sustainment
- IV&V Support
- Trust Ingrained