

PPT offers a variety of software engineering services:

- ▲ **Business Process Improvement**
- ▲ **CMMI-Based Appraisals**
- ▲ **Configuration Management**
- ▲ **Estimation and Analysis**
- ▲ **Information Management**
- ▲ **Measurement**
- ▲ **Quality Assurance**
- ▲ **Risk Management**
- ▲ **Software Development**
- ▲ **Software Systems Safety**
- ▲ **Strategic Planning**

Test and Evaluation

- ▲ **Verification and Validation**



People

Our engineers are experienced at testing safety-critical and embedded systems. We have a software FAA Designated Engineering Representative (DER) on-staff to ensure our engineers are trained, effective, and meet the highest quality standards.

Process

We provide the flexibility to use our in-house processes or customer specified processes. In either case, our staff is trained to follow proven processes and provide the artifacts our customers require to show the software under test meets its requirements.

Technology

We specialize in using technology to continue to improve our productivity and quality of our testing services. Our Formal Test Vector Generator (FTVG) tool uses formal methods to analyze the requirements and create test cases that help prove the module under test meets its requirements. Our innovative use of technology makes us very competitive with off-shore testing, without any management or certification issues.

Task Experience

Our company is successful in overcoming many issues you may be facing:

- Tight schedules
- Changing requirements
- Supporting system and flight test releases concurrent with software certification

Services

We provide software module testing services to the most rigorous standards for the aerospace (DO-178B Level A), military, automotive, medical, and nuclear industries. Our unique combination of experienced engineers, innovative technology, and attention to detail allow us to be effective and efficient at competitive prices.