

SPEC Innovations – “Innoslate”



- **SPEC Innovations**
 - 100% Developed in US
 - Woman-Owned Small Business (WOSB)
 - Domestic & International Clients
- **Software as a Service (SaaS)**
- **Defense, Aerospace, Energy, and Commercial industries**
- **Systems, Proposals, and Program Management Services**

- **Goal: Innovate within industry with Modern, Cloud-native tool**
 - Led to the implementation of AI/ML to enhance user operator experience & capability
- **With User Control, Generate:**
 - Requirements, Models, Test Cases, Project & Product Risk, Summarize, Translate, Generate Images
 - Alter Text with on User Prompts, Suggest Traceability, Evaluate Requirements Quality, Project Health

Resources Required

- **Money**
 - Majority Development cost
 - Models are Cheap or Free
 - Scalable on All levels
- **People**
 - Lead Developers with knowledge of AI and APIs.
 - Minimal training burden to implement
 - Use Cases & Training evolve overtime
- **Time**
 - Varies by allocated People, Money, and Training
 - 2 weeks to learn, implement, and test (Innoslate)

Improvements

- Measurable: Efficiency in Cost, Schedule, and Performance
- Observable: Employees were more involved and creative with projects
- Less Busy Work → More Human Input

Drawbacks

- Initial Knowledge Gap of Use Cases
- Keeping up with the AI models
- Security concerns for Classified Information

Observations

- AI Reliance vs Human-AI Teaming
- Won't Replace Jobs. Will Optimize
- Employees NEED TO add AI as a Skill