



Customer Story: United States Space Force Space Systems Command - FORGE Space Force Program Accelerating with SAFe

Speakers: Mr. Ben Rodilitz, Ms. Mary Stevenson, Lt. Col. Johnson

Session Abstract:

The Future Operationally Resilient Ground Evolution (FORGE) program will provide the Next Generation Overhead Persistent Infrared (OPIR) ground system. In support of the program, there are three major thrust areas: Mission Data Processing, Command and Control migration to Enterprise Ground Services (EGS), and Relay Ground Stations. The Mission Data Processing thrust will utilize an open architecture (framework and applications) that is currently being competitively prototyped. The Command and Control thrust will utilize the open architecture being developed by the EGS program office. The Relay Ground Stations thrust will build additional ground stations which will relieve capacity constraints on the existing architecture as well as satisfy new requirements of the next generation satellites. Overall, the FORGE system will satisfy missile warning, homeland defense, missile defense, battlespace awareness, technical intelligence, and civil/environmental mission area requirements for both the existing Space-Based Infrared System (SBIRS) Block 20 and the evolving

Ben Rodilitz, FORGE Interim Release Train Engineer

Mr. Rodilitz is currently a Systems Engineer and an Agile Coach at Stellar Solutions, Inc. He has extensive experience in all aspects of agile transformation, implementation, facilitation, and mentoring. Mr. Rodilitz has helped Fortune 100 companies scale their agile practices using his experience with SAFe and LeSS. He has coached at the team level leveraging skills in the use of Scrum and Kanban, emphasizing the “why” of the various practices and ceremonies. Prior to his involvement with agile projects, Mr. Rodilitz was a traditional (waterfall) PMP-certified project manager. His involvement spanned the entire SDLC – from requirements elicitation and documentation through Quality/Testing/Release – including writing embedded software for some of the first commercial GPS equipment. Mr. Rodilitz extends his passion for all things agile through numerous presentations at local and Global scrum gatherings and is a catalyst in the Southern California agile community.



Lt. Col. Trevor Johnson, Deputy Chief, Future Operationally Resilient Ground Evolution (FORGE)

Lt Col Trevor M. Johnson, Deputy Chief, Future Operationally Resilient Ground Evolution, Los Angeles Air Force Base, California. He oversees a 150-member industry team ensuring development and integration of a next generation ground system that will provide resilient missile warning capability to the nation and its' warfighters.



Lt Col Johnson earned his bachelor's degree in Management from the US Air Force Academy and was commissioned in 2006. He is a graduate of Air and Space Basic Course, Aircraft Maintenance Officer School, and Undergraduate Space Training. He is a member of the acquisition corps and a certified space professional. Lt Col Johnson distinguished himself in a variety of leadership positions within the aircraft maintenance and acquisition career fields while at Grand Forks and Los Angeles AFB. Prior to assuming his current position, Lt Col Johnson was a branch chief at the National Geospatial-Intelligence Agency (NGA).

Mary Stevenson, FORGE Transformation Agent and Coach

Ms. Stevenson is currently a senior system engineer and a lean-agile transformation coach with Stellar Solutions, Inc. She has extensive experience in all aspects of lean-agile execution, program management, system integration, satellite operations, strategic planning from concept definition, contract negotiation, integration and test, launch readiness and orbit testing, in-orbit operation, ground segment integration, Operational Test and Evaluation (OT&E), NATO joint operational training and evaluation, and NATO joint Intelligence, Surveillance, and Reconnaissance (ISR) interoperability. Ms. Stevenson has added several agile certifications to her expertise and has experience as a Release Train Engineer (RTE), lean-agile transformation agent, and agile coach. Ms. Stevenson's background combines strong hands-on technical expertise with broad experience in coaching and supporting lean-agile organizational transformations, program management, testing, integration, satellite operations and in-depth knowledge of customer and contractor relations.

