

## DevOps/DevSecOps Standards Info Day – Tuesday, March 21, 2023

Note: All times are listed in Eastern Time (EDT)

9 – 9:10am

Welcome

[Steve MacLaird, Senior VP \(OMG\)](#)

9:10 – 9:20am

Kick-off – Objective – Intro to OMG & Standards Process

Co-Chair: [Michael Abramson, Owner \(ASMG, Ltd.\)](#)

Co-Chair: [Matt Wilson, Group Vice President \(SimVentions\)](#)

9:20 – 9:35am

Tales From the Front Lines – Delivering on The Promise

*David Overeem, Systems & Software Engineer (Boeing Space Systems)*

**Bio:** David is currently the Product Owner for Boeing's next generation of spacecraft command and control software. In that role, he brings more than 20 years of experience operating, maintaining, integrating, and developing spacecraft ground communications software across a spectrum of programs, flight platforms, and supporting vendors.

9:35 – 10:15am

RegOps: Bringing the Principles of DevOps to Compliance

[Anil Karmel, Co-Founder & CEO \(RegScale\)](#)

**Abstract:** There's been a push in our industry to make security real-time, continuous, and complete. As such, many tools have emerged, including Cloud Security Posture Management (CSPM) solutions, Vulnerability and Code Scanners, etc., to try and find issues before they occur. However, we're still managing compliance in Word documents and Excel spreadsheets that are instantly out of date the moment they are created. With the rise of the API economy, cloud, and modern development tools, the time has come for compliance to be reimagined leveraging a cultural transformation coupled with standards and tooling. During this session to learn how we can bring the principles of DevOps to Compliance in a new discipline called Regulatory Operations (RegOps).

**Bio:** Anil serves as the co-founder and CEO of RegScale, designed to bring the principles of DevOps to Compliance (Regulatory Operations: RegOps). Formerly, Anil served as the National Nuclear Security Administration's (NNSA) Deputy Chief Technology Officer. Karmel began his government career as a Technical Staff Member of Los Alamos National Laboratory (LANL) and was responsible for inventing their cloud and collaboration technologies. Karmel and his team have garnered industry and government accolades, including the SANS National Cyber Security Innovators Award for Cloud Security, InformationWeek 500 Top Government IT Innovators, ACT/IAC Excellence.gov Award and the DOE Secretary's Achievement Award. Anil currently serves as the president of the Cloud Security Alliance's DC Metro Area Chapter and as a member of the CSA's CxO Trust Advisory Council.

10:15 – 10:30 am

MORNING BREAK

10:30 – 10:55am | Enabling Value Added Capabilities To A DevSecOps World

[Matt Wilson, Group Vice President \(SimVentions\)](#)

**Abstract:** Although the concept of DevOps / DevSecOps is generally understood and widely adopted across the software development landscape there is limited opportunity for innovative third-party tools to work in or across implementations. This session will explore how standards have enabled past innovation and competition in other domains and how they could open up opportunity for enhanced value, simplification, scalability, adaptation, and integration of the DevSecOps landscape.

**Bio:** Matt is a Group Vice President for the Technology Solutions Group at SimVentions and has over 30 years of experience as a software developer, program manager, and systems engineer. He has conceived of, designed, developed, and led many software projects for the US Government and has participated with the OMG C4I (Defense and Military) Domain Task Force since 2004 where he currently serves a co-chair. He leads, designs, and implements software systems for high performance, user interface intensive, distributed, web-based, n-tier, and desktop software applications. Matt leads a team of technology professionals implementing many tools for the Navy, Marines, Army, DAU, and various Government Civilian Agencies in Knowledge Management Systems, Acquisition Tools, Analytic Tools, Human Systems Integration (HSI), SBIR project development, advanced visualization, and processes for implementing Open Architecture (OA) combat systems into the US Navy fleet.

11 – 11:35am | Building DevOps and DevSecOps Pipelines to Meet DOD Operational Requirements

[Rob Cameron, Principal SDE Lead \(Microsoft\)](#)

**Abstract:** In this session, the presenter will discuss lessons learned and approach in three years of coding-with / building-with the Department of Defense using Azure DevOps, GitHub, and GitLab implementing DevOps and DevSecOps pipelines as part of build-low / deploy-high as well as disconnected deployments.

11:40am – 1pm | LUNCH BREAK

1 – 1:05pm | A Brief Overview of Some C4I Efforts

Co-Chair: [Michael Abramson, Owner \(ASMG, Ltd.\)](#)

Co-Chair: [Matt Wilson, Group Vice President \(SimVentions\)](#)

1:05 – 1:40pm | An Open Approach to DevSecOps Standards

[Nicholas Gallo, Senior Specialist Solutions Architect \(RedHat\)](#)

1:40 – 2:05pm | DevSecOps for Agile System Construction, Operation, and Sustainment

[Bill Beckwith, CEO \(Objective Interface Systems\)](#)

**Abstract:** DevOps is frequently defined as "a set of practices intended to reduce the time between committing a change to a system and the change being placed into normal production, while ensuring high quality". The tools that became commonly used in DevOps to automate the system configuration required pervasive privileged system access. Unfortunately these tools did not have the requisite security robustness to support the broad responsibilities of pervasive privileged system access.

Initially, DevSecOps was an attempt to configure these tools so that the system security was not dramatically weakened by their use. Over time, many organizations redefined DEVSECOPS as the processes to ensure that the system is born with and maintains a secure configuration.

2:05 – 2:45pm | Achieving Rapid Capability Creation to Deployment for The US Navy

[Jason Hunter, Digital Transformation PM \(US Navy – NAVSEA, PEO IWS\)](#)

**Bio:** Jason was selected to lead Digital Transformation efforts for Program Executive Office Integrated Warfare Systems (PEO IWS) in 2017. His focus in this role, has been to initiate self-motivated development of a data savvy workforce, while transitioning the organizational culture to one that embraces innovation and agility. As a “Northstar” demonstration of what can be achieved with modern tools, techniques, and more direct industry engagement, Jason championed the Virtualization Pilot Ship project, which demonstrated that the oldest combat system baseline in the Navy (USS Monterey) could be provided the most modern compute infrastructure in less than a year, and that software on this system could be continually updated to expand capability, even over-the-air while the ship was deployed. The success of this project led to the development of the Surface Navy Software Factory (Forge), Hardware Factory (Foundry), and creation of a new program office within PEO IWS to manage the enterprise-scaling of the demonstrated successes to the Fleet, which Jason now directly supports. Prior to this role, Jason was lead IT systems/security engineer for multiple cloud, software development, and cross-domain information sharing projects within the intelligence community, and he continues to serve as a Navy Reserve intelligence officer since leaving active duty. He is a graduate of the College of Naval Command and Staff, holds an M.A. in Strategic Communications and Leadership from Seton Hall University, an M.A. from the Naval War College in National Security and Strategic Studies, and is a certified Project Management Professional (PMP).

2:45 – 3pm | AFTERNOON BREAK

3 – 4:30pm | Opportunity to Engage, Discuss the Situation, and Where to Get Started

**Abstract:** This panel discussion will open the opportunity for the audience to openly engage the day’s speakers and each other with questions and comments to spur dialogue and clarification of opportunity for standards in this space.

4:30 – 5pm | Pulling It Together – Call to Action – Way Ahead

[Steve MacLaird, Senior VP \(OMG\)](#)