

Tuesday, March 3, 2020

10:00 a.m. – 10:20 a.m.

Operational Assurance for Mission Critical Assets

John Downey

Vice President of Sales

Acronis SCS

Abstract:

From ships to submarines and everything in between, our Sea Services are increasingly vulnerable to cyber-induced disruptions – whether they be the result of hardware failure, malicious attack, or unintended error. Luckily, a new software solution exists to provide the Sea Services with the operational assurance and peace of mind they need to protect against these threats and stay focused on the mission at hand.

For nearly two decades, the Acronis family of backup products has served the US Navy's imaging needs on littoral combat ships, in NAVWAR (formerly SPAWAR), and more. With those experiences in mind, Acronis SCS has designed a new software purpose built for our military's most sensitive 'no internet' networks – a traditionally underserved market. That includes the Sea Services' in-theater systems, weapons testing sites, and training simulators, as well as build, test, and deploy processes for Federal Systems Integrators supporting Sea Service contracts.

Unlike other backup and recovery tools on the market which tout increased connectivity, subscription-based licensing, and an API-first approach, our hardened backup does innovation differently. With zero integration or outbound connections to online services, certified high-grade encryption methods, AI-based anti-ransomware protection, and rigorous testing via FIPS 140-2, Common Criteria, and DoDIN Approved Products List (APL) certification processes, this game-changing software radically reduces the air gapped network attack surface. That means no superfluous access points or third-party touchpoints. It also means streamlined functionality for government IT teams managing cumbersome legacy systems, platforms, and applications. Performing repetitive yet crucial tasks on sensitive systems – like backup – is a daily reality across all levels of the Navy, Marine Corps, and Coast Guard. And with in-theater operations, FONOPs, homeland defense, drug interdictions, and more at stake, there can be no complacency when it comes to the security and resiliency of mission critical systems.

Our tailored, tested, and trusted hardened backup and disaster recovery software protects these mission critical assets and the sensitive data they generate, no matter where they exist – it's the innovative solution your organization needs to remain fit for the challenges of an increasingly contested cyber domain.