



## Department of Defense Intellectual Property Forum 2023

### **Shane Smith**

*Principal Software System Engineer, MITRE*



Shane Smith is with MITRE. Has 30 years of experience working with the big Primes (Lockheed Martin, TRW, Northrop Grumman) on defense and IC programs. Lead software, hardware, reliability, and logistics efforts. Spent the last seven years working with the Office of the Secretary of Defense reviewing programs and updating reliability and software policy. He supported DAU's development of the DevSecOps Academy, Software for Program Managers and Reliability Engineering courses and guidance. Last three years has been spent supporting the new Adaptive Acquisition Framework and the Software Acquisition Pathway. Focus on Shift Left activities (test, certifications,

digital engineering) into the DevSecOps flow/pipeline. Reinforce the use of logging, monitoring and advanced software techniques (chaos engineering, Site Reliability Engineering) to accelerate software learning and delivery. Also, helping to lead DOD software acquisition to embrace "API First" for all software developed and procured in the department