# AMPERSAND SOLUTIONS GROUP EMERGING THREATS REQUIRE EMERGING CAPABILITIES

#### Partnering with Federal, State, Local, and Enterprise Customers

What makes us different is what makes us unique. At Ampersand Solutions Group (AMPERSAND), we take pride in being and doing things differently. We believe in growth and value through continuous innovation and a multi-disciplinary, diversity-of-experience approach rooted in uncompromising integrity, subject matter expertise, and an obsession with Employee, Community, and Customer stakeholder delight. We believe our success is based on stakeholder satisfaction and we work to prove that every day and in every interaction.

#### **CORE CAPABILITIES**





- Threat Reconnaissance
- Threat Hunting
- Insider Threat
- Defensive/Offensive Ops ICS / SCADA / OT

#### System Administration and Integrity

- CLASS/UNCLASS Lab System Administration
- RMF Support
- Vulnerability Management
- Architecture Design







# Software Engineering and IV&V

- Dynamic / Static Tests
- DevSecOps
- Embedded and Tactical Systems
- Code Analysis

#### Programmatic Support

- Program Control
- Budget Analysis
- Financial Analysis
- Program Management Requirements and Cost Analysis

#### **ORGANIZATIONS SUPPORTED**

AMPERSAND provides leading technical and engineering services support to multiple commercial and government organizations. Our subject matter experts deliver innovation at the speed of the mission.







## Select Platforms and Systems Supported

Aviation and Missile Platforms			Aerial / Ground Targets	
Aegis	C2BMC	AN/TPY-2	AGATCS	AWSS
GME	LRDR	THAAD	OMVR	TMS
XBR/SBX	SKA	PAC-3	ATEC Range	Banshee
Gray Eagle	UH-60	AH64D		
Shadow UAS			256 VISMOD	

#### Cyber Incident Response

Our cybersecurity experts were called in to investigate a suspected threat actor campaign attempting to exploit vulnerabilities in enterprise systems for unknown purposes. Our SMEs were able to identify the threat actor; its tactics, techniques, and procedures; and offer the customer specific

mitigations to thwart the campaign and reduce the likelihood of similar attacks.

### <u>Cyber Threat Hunt / Insider Threat</u>

AMPERSAND cybersecurity engineers were engaged to conduct a threat hunt and insider threat investigation involving an employee with elevated administrative access to IT assets. The AMPERSAND team conducted remote reconnaissance and then an onsite investigation which involved a thorough analysis of credentials, access, log telemetry, and network/system

configurations. Results of the analysis were provided to the customer for follow up action. In addition, we provided the customer with documentation on network and system misconfigurations as well as recommendations with step-by-step instructions.

#### **Software and System Assurance**

AMPERSAND engineers are providing weapon system software assurance to the Missile Defense Agency, PEO Aviation, PEO Missiles and Space, as well as other organizations through US Army DEVCOM AvMC. Our team conducts static, dynamic, and hybrid testing of weapon system code; independent validation and verification (IV&V); develop automated DevSecOps pipelines; conduct software safety and airworthiness assessments; and manage the configuration and cybersecurity of multiple integration labs.



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TOP SECRET Facility Clearance

Headquartered in Huntsville, AL

Small Disadvantaged Business (SDB) in all NAICS

NAICS Codes 541330