

# Digital Engineering and Cybersecurity Solutions for Autonomous Systems

	Value
Р	roposition
	& Key
Diffe	rentiators

**SECMATION** specializes in Digital Engineering, Software Development, and Cybersecurity tools and services for Defense and Industrial applications.

Our technologies reduce the time to develop, deploy, and maintain machine learning, artificial intelligence, complex automation, guidance/control, secure communications, and other critical software systems securely and on-time.

Our experience in autonomous systems design enables us to provide advanced cybersecurity solutions enabling rapid compliance with cybersecurity regulations and certifications.

## Products & Services

#### **Core Competencies**

Digital Engineering tools incorporating cybersecurity and Model Based Systems Engineering (MBSE)

Embedded system software, firmware, and hardware development

Security Design and Systems Engineering including Cybersecurity Certifications (DoD RMF/ATO, NSA, DoD Anti-Tamper, FIPS)

Secure Product Development from concept through deployment

Communications security including COMSEC and TRANSEC

Cybersecurity tools and technologies including cryptography and reverse engineering

System/subsystem prototyping

#### **Technology Focus Areas**

Secure hypervisor with anti-tamper support

Secure deployment of advanced AI/ML technologies

Low Size, Weight, Power, and Cost (SWaP-C)

Cybersecurity process automation including DevSecOps

Digital Engineering tools for rapid testing and deployment of production firmware and software

Rapid design and deployment tools for autonomous systems

Industrial Control Systems security solutions enabling Industry 4.0 capabilities in Defense applications

Advanced Cybersecurity and Electronic Warfare technologies for Software Defined Communications

## Customers & Applications

#### **Applications**

Autonomous and Unmanned Systems
Artificial Intelligence/Machine Learning (AI/ML)
Aerospace and Defense Systems
Industrial Control Systems

#### Customers

United States Air Force Armaments Directorate

US Army Ground Vehicle Systems Center

Air Force Research Lab

Missile Defense Agency

Office of Naval Research

Naval Facilities Engineering Systems Command

#### Affiliations

AFCEA, AUSA, AUVSI, Association of Old Crows, NDIA, Defense Alliance NC

### Contact Information

#### **SECMATION, LLC HQ**

Secure Communications

15200 Weston Parkway Suite 103, Cary, NC 27513 Office: (919) 887-2560 info@secmation.com www.secmation.com

#### Alabama Office

UAH I2C Building 301 Sparkman Drive Office 323 Huntsville, AL 35899

### Baltimore office coming soon

#### Connect

- in linkedin.com/company/secmation
- twitter.com/secmation
- vimeo.com/secmation