

Resilient and Secure UAS Flight Control

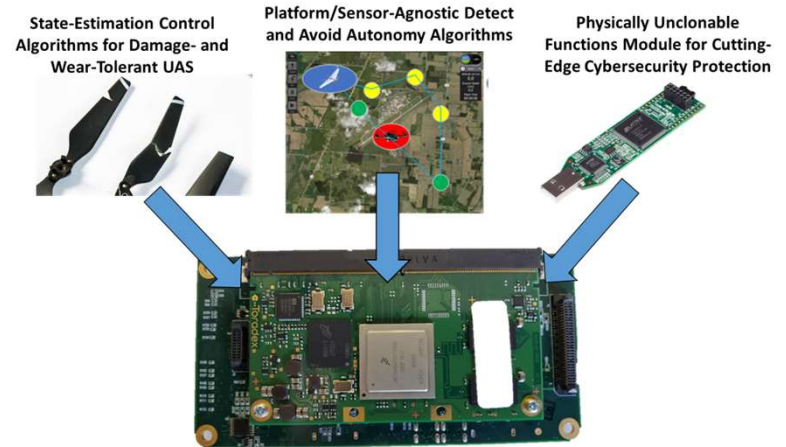
Asymmetric Technologies, LLC

6161 Riverside Dr., Dublin, OH 43017
www.asymmetric.com

POC: Craig Williams
 Director of Integration and Operations
c.williams@asymmetric.com
 Work: 614-725-5310
 Cell: 614-595-6897



Enhancements to IronClad Secure Flight Controller



IronClad Secure Flight Controller:
 Proven, Cybersecure, Open-Architecture, Platform-Agnostic UAS Flight Controller

Technology Description

- Provides DoD and commercial UAS developers an American-made, common, cybersecure, platform-agnostic and resilient flight control capability
- Current UAS FCs lack integrated, onboard detect and avoid capability, cybersecurity, damage/wear-tolerance, and/or are proprietary and expensive
 - Integrated into other UAS platforms
- IronClad Secure Flight Controller: TRL 8
- OFRN Enhancements: TRL 5

Technology Benefits

- Provides UAS platform and communications security while using open-source based flight control software
- Enhancements add further flight resilience, security and ability to perform onboard airspace deconfliction and re-routing, especially in case of lost telemetry links
- Looking for UAS integration partners and federal customers interested in using IronClad in their system

Airspace Management <input checked="" type="checkbox"/>	Command & Control <input checked="" type="checkbox"/>	Comms <input checked="" type="checkbox"/>	Power & Energy Storage <input type="checkbox"/>	Propulsion <input type="checkbox"/>	Sensors & Awareness <input checked="" type="checkbox"/>	Other <input type="checkbox"/>
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