

STELLAR TEAM

NOBLE MISSION



Technology Protection Overview

Mr. Kyle Hoover



MDA/CEP Technology Protection

- Ensuring MDA's technological superiority:
 - CEP Future Investment interests looks to the horizon for promising areas to mature which will enhance the Agency's ability to maintain its technological edge
 - CEP Future Investment interests focus on 6.1 and 6.2 research to expand state of the art in each of the focus areas
- Expectations:
 - Performers will need to be clearable subject to a DD254 to execute
 - While foundational research does not necessarily require classification, putting the infrastructure in place helps focus the creative talent by allowing the performer to understand the context of their research and lays the ground work for protecting follow on work



Future Investment Interests[1]

- **Heterogeneous chip-scale additive manufacturing**
- **Autonomous detection and healing of unauthorized system alterations[2]**
- **Standardized security protocols for machine to machine coordination**
- **Digital engineering models for attacks and countermeasures**
- **Self-training embedded Machine Learning classifier for system interference**

[1] It is recognized that quantum computing is an active focus area for several other organizations.

[2] It is anticipated that Artificial Intelligence and Machine Learning techniques may be applied.