



MOSAICS

Requirement Gaps

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Topics

1. MOSAICS Requirements Overview
2. MOSAICS Operational Requirements
3. MOSAICS Functional Requirements
4. MOSAICS Technical Requirements
5. Requirements Gaps
6. Questions



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MOSAICS Requirements Overview

1. Large body of requirements
 - a) Initial set of 206 Functional Requirements developed Summer 2018
 - b) Began development of Technical Requirements Spring 2019 – as of Fall 2020 have written on the order of 600 Technical Requirements
 - c) Operational Requirements developed Summer 2019
2. Requirements available in MS Excel on DTIC and RDP21



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MOSAICS Operational Requirements

1. 23 Operational Requirements allocated MOSAICS JCTD
2. Focus on high-level operational needs to successfully operate MOSAICS
3. Address MOSAICS capabilities
 - a) Identify
 - b) Protect
 - c) Monitor/Detect
 - d) Analyze
 - e) Visualize
 - f) Decide
 - g) Mitigate
 - h) Recover
 - i) Information Sharing



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MOSAICS Functional Requirements

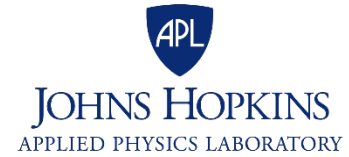
1. 104 Functional Requirements allocated to MOSAICS JCTD
2. Focus on providing additional detail regarding functional needs for MOSAICS capabilities



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MOSAICS Technical Requirements

1. 334 Requirements allocated to MOSAICS JCTD (Spirals 0 – 5)
2. Focus on level of detail needed to allow development teams to implement MOSAICS



Requirements Gaps (1/2)

1. Functional Requirements

- a) 51 Functional Requirements (of the original body of 206 functional requirements) were not implemented in the JCTD as they were deemed to be out of scope
- b) Functions not implemented in JCTD include:
 - i. MOSAICS component identification and baselining
 - ii. Management of access permissions and authorized users
 - iii. Monitoring of MOSAICS anomalies
 - iv. Additional mitigation responses
 - v. MOSAICS recovery



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Requirements Gaps (2/2)

1. Technical Requirements

267 Technical Requirements (of the original body of requirements of ~600 technical requirements) were not allocated for implementation in Spirals 0 – 5

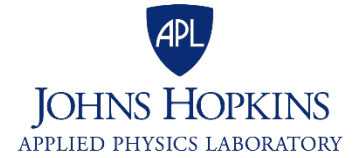
- a) Mapped to Functional Requirements not implemented in JCTD
- b) Remainder of the original body of Technical Requirements which address:
 - i. Additional system protection
 - ii. Visualization
 - iii. Event/incident response
 - iv. Information sharing



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Questions?