**AM TDP for Procurement in Sustainment**

**For the DOD Guidebook**

**Framing the DOD-Level AM Guidebook**

***AM TDP for Procurement in Sustainment***

**Key Topics**

|  |  |  |  |
| --- | --- | --- | --- |
| **Categories** | **Topic 1** | **Topic 2** | **Topic 3** |
| Systematic AM PartTechnical data transfer toSupply Chain managers(customer push toDLA/SCM) and demandfeedback (customer pushto DLA/SCM) | Common data repository | Parts family considerations (RE: vendor qualification, simplification of qualification, ETC) | Digital trust across system for security and verification |
| Common TDP standardand format | Inspection and test requirements | Approved AM process / machine / material list | NDI requirements for final part |
| AM interoperablecapability to procure,securely access, and shareAM technical data | Cybersecurity | IP | Configuration control |
| AM part lifecycle data | Trusted AM part data-from powder to pedigree | Service life | Data retainment expectations-who is responsible for retaining what? |

**King for a Day**

***AM TDP for Procurement in Sustainment***

**These represent objectives which we intend to solve through the topics above:**

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| --- | --- | --- |
|  | Topic | Goal / Statement |
| Systematic AM Part Technical data transfer to Supply Chain managers (customer push to DLA/SCM) and demand feedback (customer pushto DLA/SCM) | Common data repository |  |
| Parts family considerations (RE: vendor qualification, simplification of qualification, ETC) |  |
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| Service life |  |
| Data retainment expectations-who is responsible for retaining what? |  |

Reference

Collaborate with DLA to integrate AM into appropriate supply chain processes:

1. Ensure that technical data and demand feedback is systematically provided to DLA and appropriate DoD supply organizations.

2. Provide timely response to AM part sourcing requests.

3. Incorporate AM into supply chain information technology and supporting business system processes.

4. Develop and operationalize an interoperable capability enabling DoD entities to procure, securely access, and share AM

technical data using a common technical data framework.

5. Develop common AM technical data standards and requirements and AM part acceptance criteria that enable AM integration

into supply chain.