



Host (on behalf of ASD):



ADS is the Premier Trade Organisation for companies in the UK Aerospace, Defence, Security and Space Sectors.

French MoD digital continuity guidance project

« Digital continuity guidance » for in-service support of the French defence's aeronautical equipments

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Company/organization: Connectiv-IT

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Contents

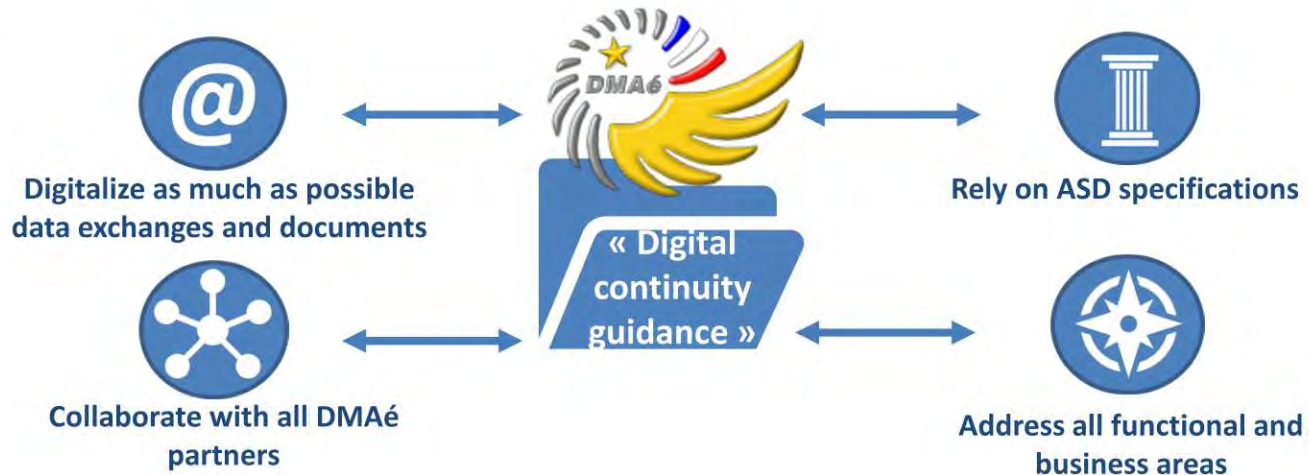
- Definition, guidelines and guidance objectives
- “Digital continuity guidance” scope
- Reference versions of ASD specifications used by chapter
- Reference versions of used ASD specifications - Recap
- Interfaces between ASD specifications in the context of the French MoD
« Digital continuity guidance »
- Digital continuity ensured by integrated ASD specifications – BEI
example
- Lessons learned / Conclusion

Definition, guidelines and guidance objectives

Definition

Describes the generic means, methods and procedures needed to implement technical, logistical and commercial information exchanges between the aeronautical maintenance department (DMAé – Direction de la Maintenance Aéronautique) and its contractors.

Guidelines



Objectives

- Reference / standardise all digital collaboration policies and practices adopted by the DMAé ;
- Establish a baseline for drawing up future contracts between DMAé and its contractors ;
- Ensure a smooth business information flows ;
- Strengthen in-service support data governance ;
- Provide data enabling operational performance management of all support activities.

“Digital continuity guidance” scope

Chapter 1. Generalities			Chapter 6. Programming	
1.1. Introduction	1.3. Programs/fleets under DMAé responsibility		6.1. Expression of gross requirements	6.2. Development of physical and financial scenarios
1.2. DMAé, DGA & other state entities	1.4. Business scope		Chapter 7. Maintenance	
Chapter 2. Standards, Reference documentation			7.1. Applicable technical data repository	7.3. Physical items management and tracking
2.1. ASD specifications	2.3. MAPS DEX SIMMT	2.5. Other standards	7.2. Maintenance operations	7.4. Technical expertise
2.2. PLCS standard & OASIS DEX	2.4. ATA standards	2.6. Regulations	Chapter 8. Performance management	
2.7. Instructions, Decrees, Directives, Circulars.			8.1 Performance monitoring	8.2. Quality management and data analysis
Chapter 3. Master Data			Chapter 9. State assets management	
3.1. Items data repository	3.4. Services data repository		9.1. Profile structuring	9.2. Assets update and tracking
3.2. Applicable technical data repository	3.5. Third parties data repository		Chapter 10. Finance	
3.3. Contracts data repository	3.6. Organisational structure data repository		10.1. Finance data repository	10.4. General accounting
3.7. Regulatory data repository			10.2. Expense commitments and payments	10.3. Budgetary accounting
Chapter 4. Purchasing and supplier relationship			10.5. Analytical accounting	
4.1. Initial provisioning	4.3. Orders management	4.5. Services monitoring	Chapter 11. Data dictionary	
4.2. Contracts and services data repository	4.4. Contracting and contracts follow-up	4.6. Suppliers control	11.1. Structure of the data dictionary	11.2. Data dictionary files
Chapter 5. Logistics			Chapter 12. Annexes	
5.1. Supply planning	5.3. Warehousing		12.1. Abbreviations, acronyms and specific concepts	12.3. Tailoring or contracting against this guidance
5.2. Internal logistics	5.4. Transportation		12.2. Models of scanned documents (DAIN, DR...)	12.4. List of existing guidances
5.5. Supply window				



Chapters involving data exchanges with contractors

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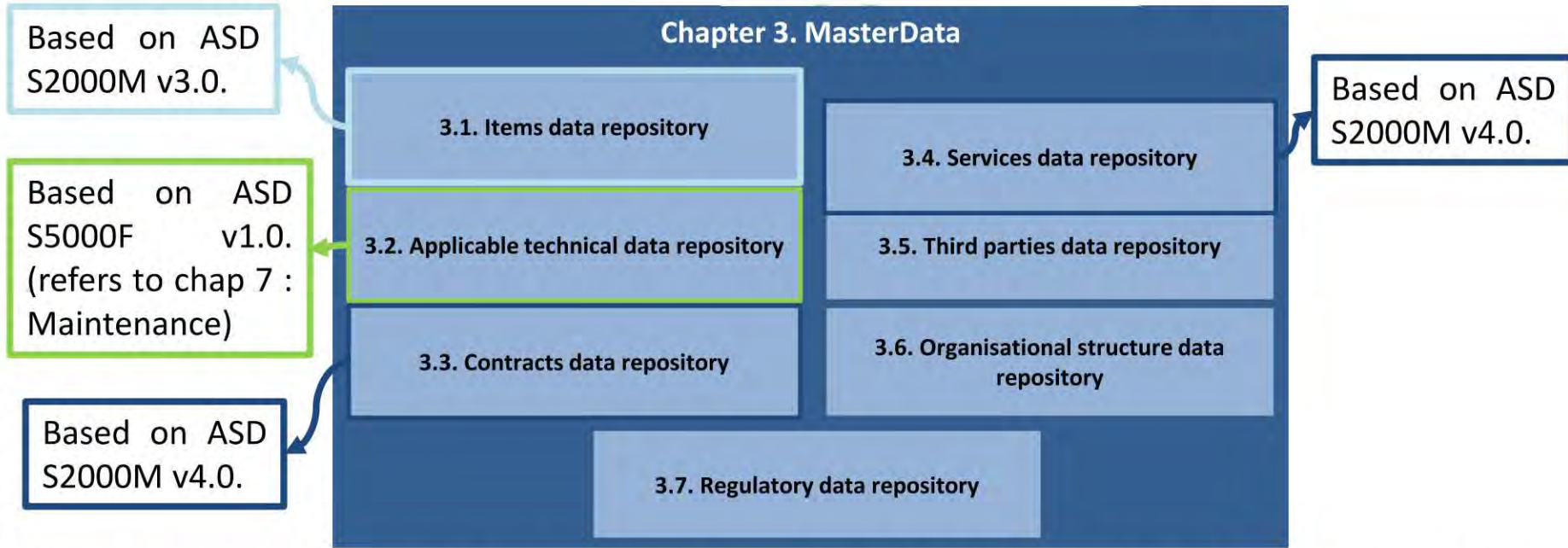
Reference versions of ASD specifications used by chapter



International specification for materiel management - Integrated data processing



International specification for in-service data feedback



For the specifications already implemented by the French MoD (e.g. S2000M), the reference version is the most recent one currently implemented by the French MoD. For others (e.g. S5000F), the reference version is the last released one. The reference version is compared with two other S2000M issues : 2.1 and 6.1.

Legend : : S2000M v3.0 : S2000M v4.0 : S5000F v1.0

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Reference versions of ASD specifications used by chapter



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Chapter 4. Purchases and supplier relationships



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The reference version is compared with two other S2000M issues : 2.1 and 6.1.

Legend : : S2000M v4.0

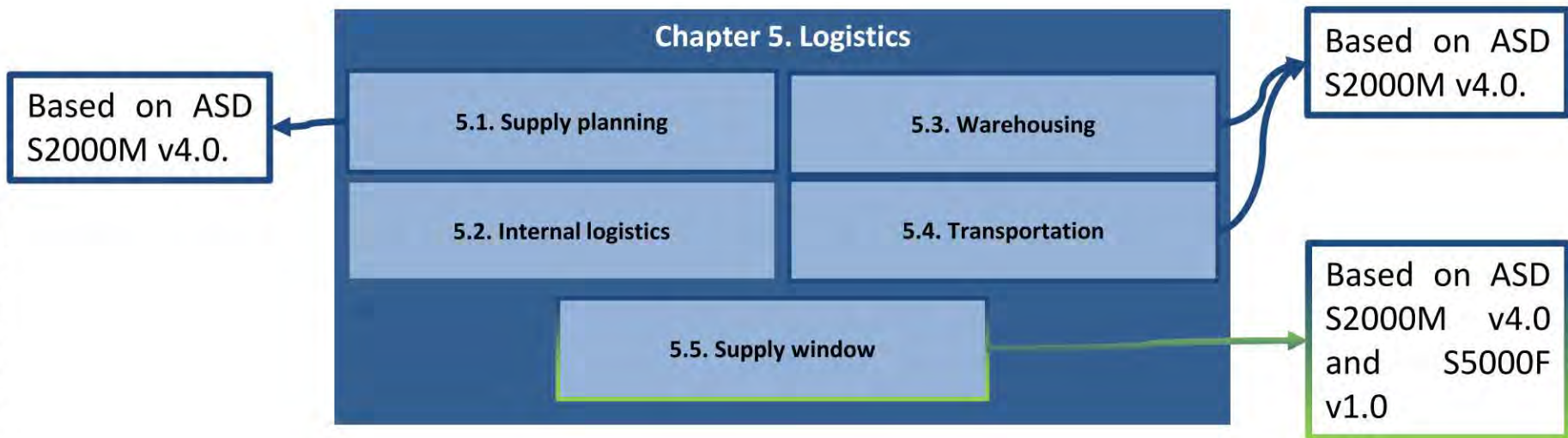
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Reference versions of ASD specifications used by chapter



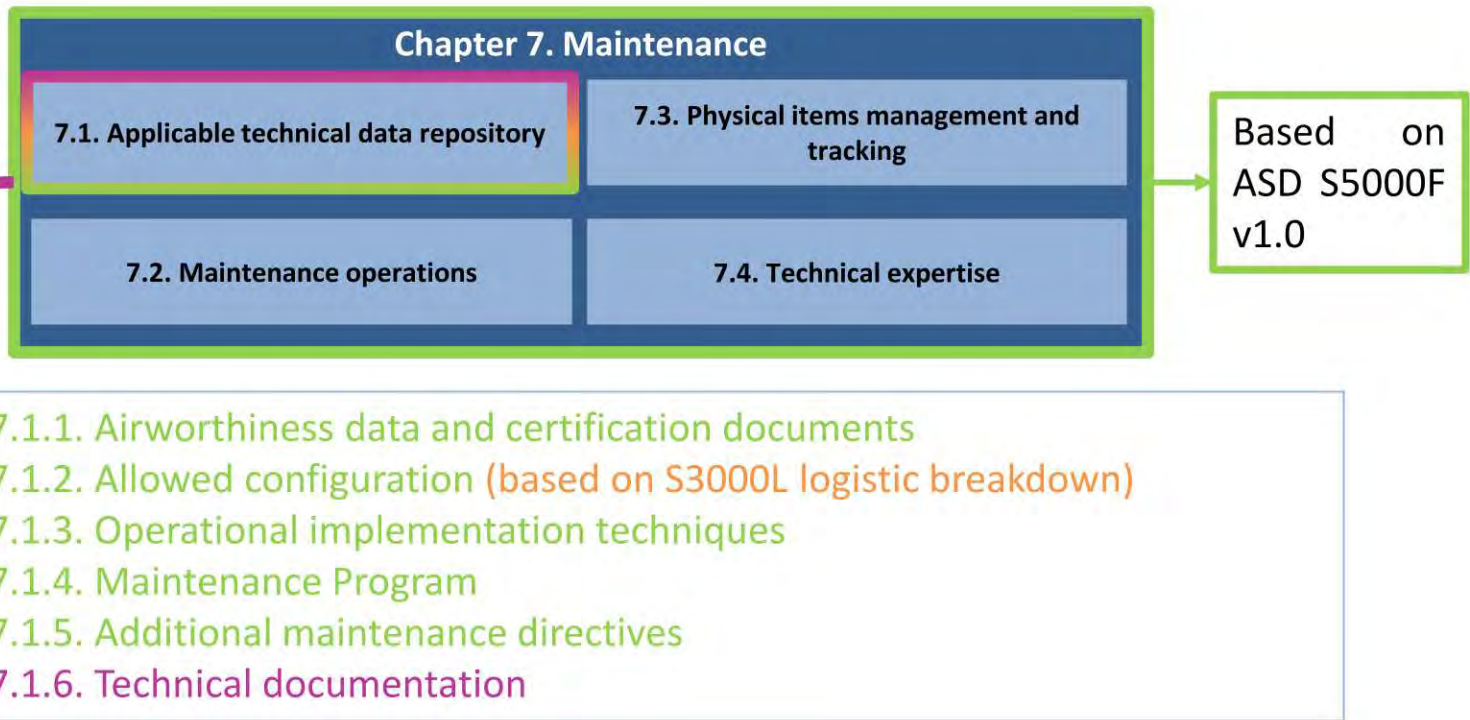
International specification for technical publications using a common source database



International specification for Logistic Support Analysis - LSA



International specification for in-service data feedback



Cf. Previous slide for definition of reference version

Legend : : S1000D v4.2 : S3000L v1.1 : S5000F v1.0

Reference versions of ASD specifications used by chapter



International specification for materiel management - Integrated data processing



International specification for in-service data feedback



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Legend : : S2000M v4.0 : S5000F v1.0

Reference versions of used ASD specifications - Recap

«Digital continuity guidance» chapters:



International specification for technical publications using a common source database

Issue 4.2

Chapter 7 : Maintenance - 7.1. Applicable technical data repository - Technical documentation



International specification for materiel management - Integrated data processing

Issue 3.0

Chapter 3 : Master data - 3.1. Items data repository



International specification for materiel management - Integrated data processing

Issue 4.0

Chapter 3 : Master data
Chapter 4 : Purchasing and supplier relationships
Chapter 5 : Logistics,
Chapter 7 : Maintenance,
Chapter 9 : State assets management



International specification for Logistic Support Analysis - LSA

Issue 1.1

Chapter 7 : Maintenance - 7.1. Applicable technical data repository – Allowed configuration



International specification for in-service data feedback

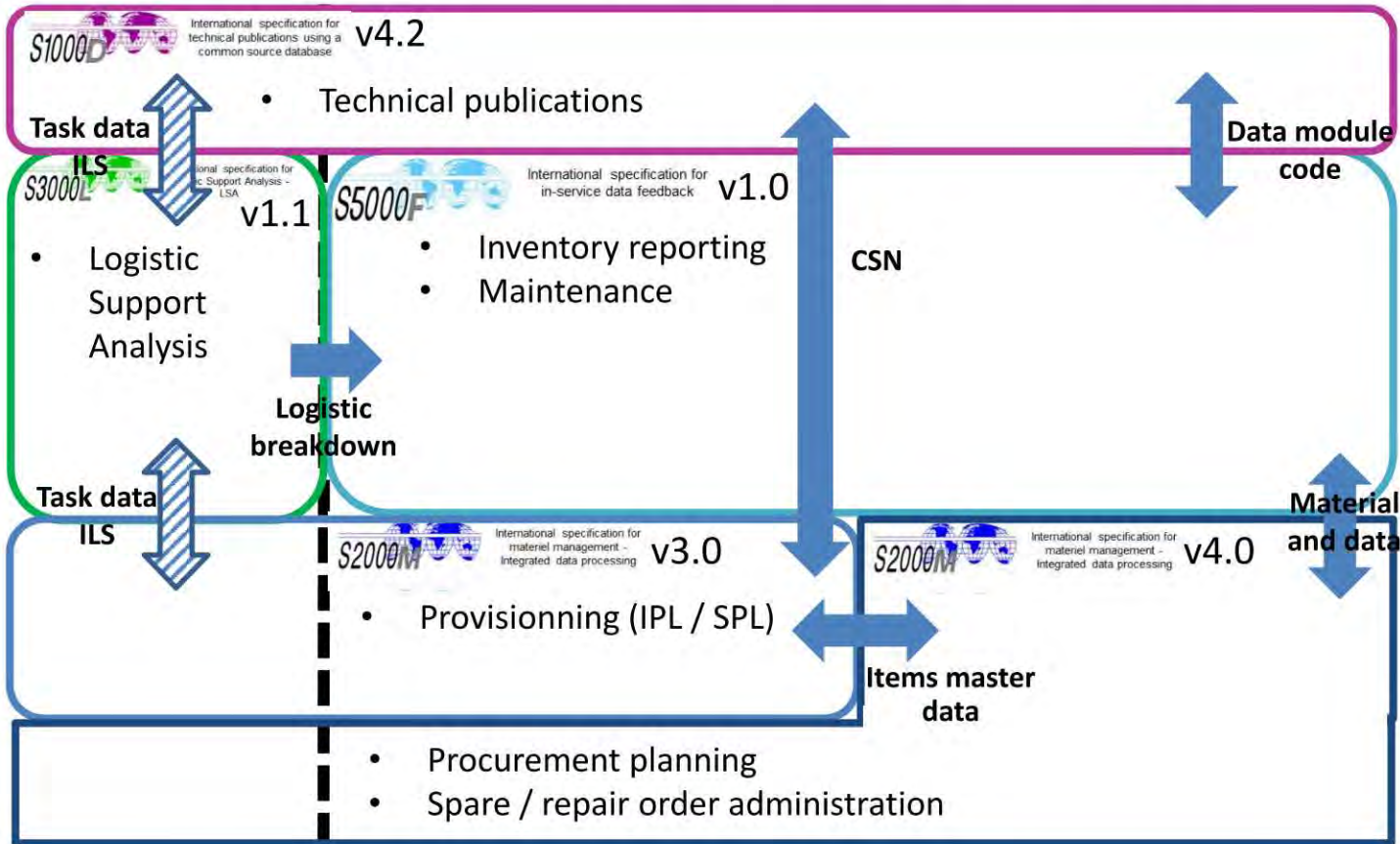
Issue 1.0

Chapter 5 : Logistic,
Chapter 7 : Maintenance,
Chapter 9 : State assets management

Interfaces between ASD specifications in the context of the french MOD «Digital continuity guidance»

Contractor scope

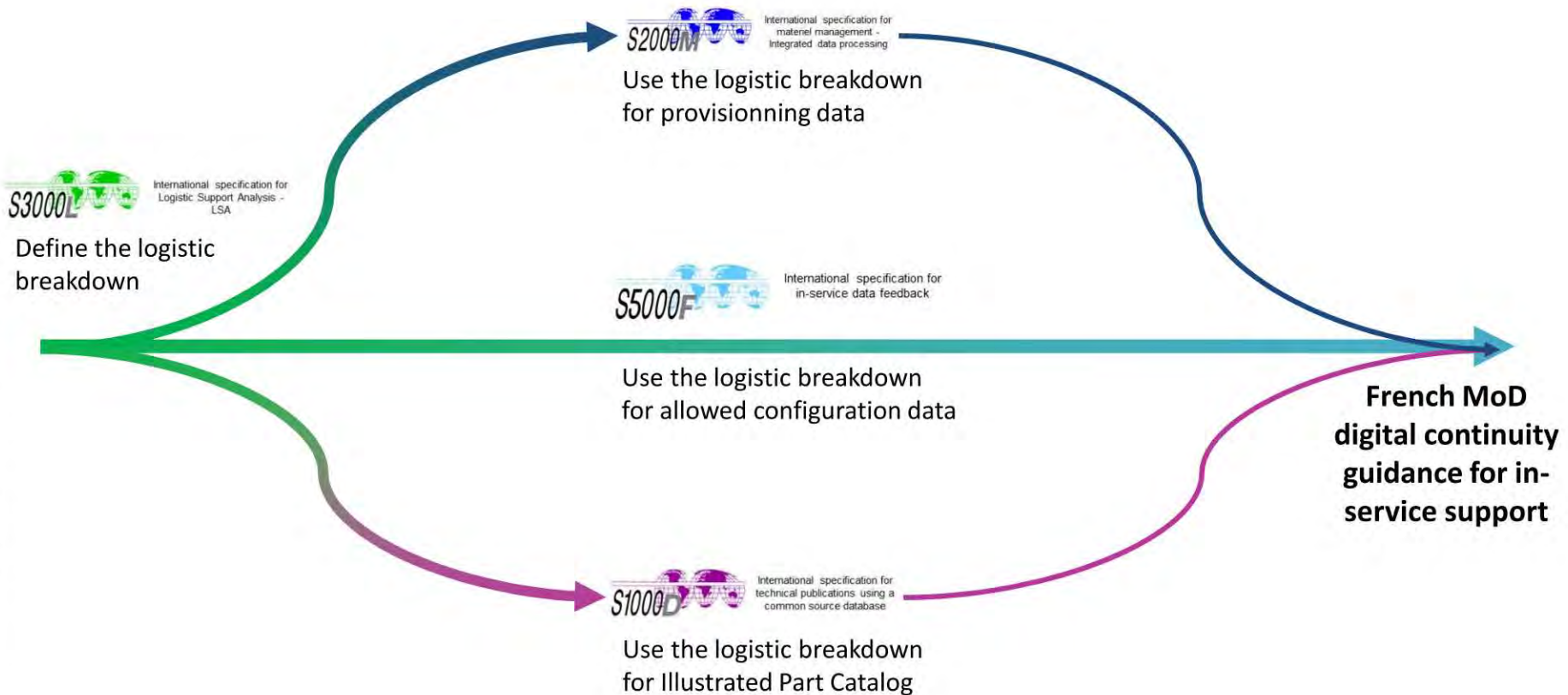
Operator/Guidance scope



Legend : : Described in the guidance : Not described in the guidance

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Digital continuity ensured by integrated ASD specifications – Breakdown Element Example



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Lessons learned / Conclusion

Most of DMAé requirements for In-service data exchanges are covered by the S5000F. However the latter should be completed by :

- the S2000M, for transactions for material management with expected answer (Order/request -> Acceptance/reject) ;
- the S1000D for the technical documentation and references to a document (Data Module) ;
- the S3000L for the allowed configuration.

The data consistency through the ASD specifications contributes to ensure a digital continuity of information along the support. This consistency is strengthened by the S-Series common data model.

The guidance project has contributed to enhance ASD specifications by :

- creating tickets on the S2000M website ;
- proposing some modifications or additions directly to the S5000F Steering Committee.

Lessons learned / Conclusion

This digital continuity guidance will evolve over time by taking into consideration any :

- evolutions of the in-service support or new contractual requirements ;
- feedbacks provided by the instantiation of the guidance by support contract ;
- evolutions of ASD specifications and data model.

Thank you
for your attention!

Any questions?

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