











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

S1000X

Input data specification for S1000D

Name of presenter: Joakim Lundqvist

Rank/title of presenter: S1000X Chair

Company/organization: Saab

S1000D User Forum, London

October 14-16, 2019



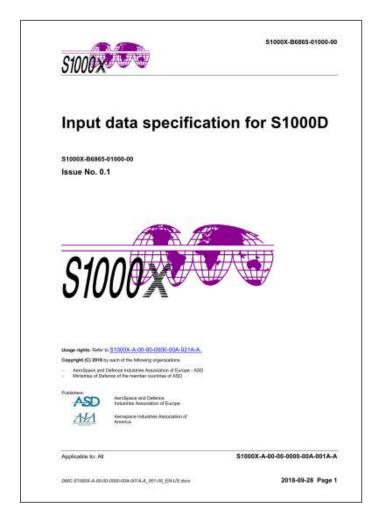






Agenda

- Statement of work
- The team
- S1000D Chapter structure
- Document relationships
- Structure
- Future











Statement of work

- The purpose of the S1000X Working Group (S1000XWG) is to specify all input data required from other specifications to S1000D. These required data include but are not limited to the S-Series of specifications. The task team's deliverable shall be a new specification numbered S1000X and titled "Input data specification for S1000D".
- It will first concentrate on specifying required input data from S2000M
 6.1, S3000L 1.1 and GEIA-STD-0007B to S1000D issue 4.1.

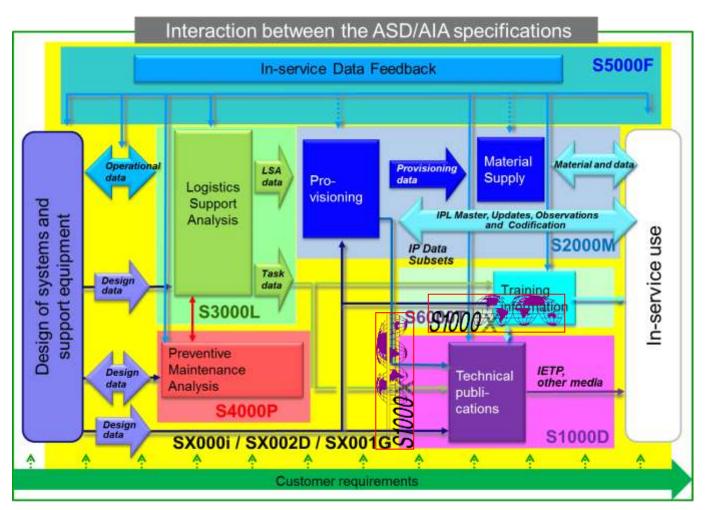








Where does S1000X belongs



ICN-B6865-SX000I30019-004-00









The S1000X team

- Current officers are:
 - Joakim Lundqvist, Chair (Saab)
 - Paul Haslam, Vice Chair (O'Neil & Associates)
 - Parker Owen, Secretary (Integrated Support Systems) (ISS))
- Companies and organizations that contribute to the S1000X work:
 - Airbus Defence and Space
 - Airbus Helicopters
 - BAE Systems
 - FBC
 - Isselnord
 - ISS
 - Leonardo
 - NAVSEA/DoD
 - Netherlands Ministry of Defence
 - NSPA/NATO
 - O'Neil & Associates
 - Saab
 - Swedish Defence Materiel Administration



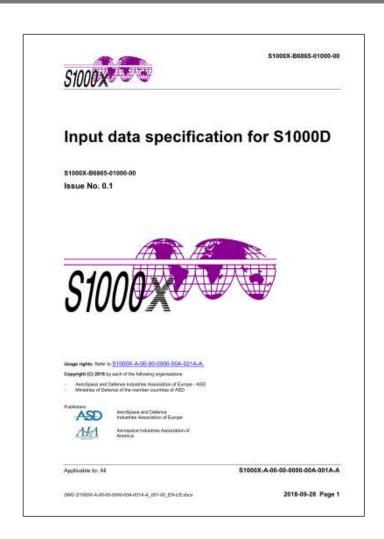






S1000X Chapter structure

- Chapter 0
 - Front matters
- Chapter 1
 - General chapter
- Chapter 2
 - General requirements
- Chapter 3
 - Common information chapter
 - Refer to data dictionary
 - Refer to chapter 4
- Chapter 4
 - The specific specification mapping details
 - Mapping examples
- Chapter 5
 - Terminology and terms







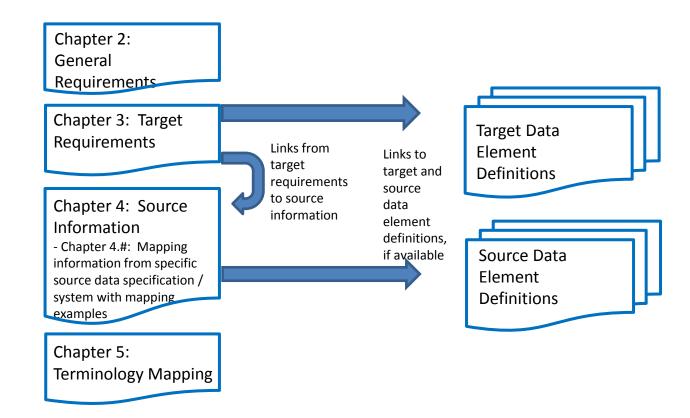




General requirements for input data specification for target S-Series specification

Target S-Series specification requirements

Detailed source mapping information for applicable source data systems











S1000X structure, issue 0.1

Chapter 0 – Title page	Chapter 1 – Introduction	Chapter 2 – General	Chapter 3 – Target requirements		Chapter 4 – Source information	Chapter 5 – Terminology mapping
Chapter 0 – Highlights	Chapter 1.1 – Purpose and scope	Chapter 2.1 – Introduction	Chapter 3.1 – Introduction		Chapter 4.1 – introduction	Chapter 5.1 – introduction
Chapter 0 – Table of contents	Chapter 1.2 – How to use the specification	Chapter 2.2 – Implementation prerequisites	Chapter 3.2 – Common construct	Chapter 3.2.1 – Identification and status section	Chapter 4.2 – S2000M	Chapter 5.2 – S2000M
Chapter 0 – Copyright and user agreement	Chapter 1.3 – How to tailor the specification		Chapter 3.4 – Procedural information	Chapter 3.2.2 – Applicability	Chapter 4.3 – S3000L	Chapter 5.3 – S3000L
	Chapter 1.4 – Maintenance of the specification		Chapter 3.6 – Maintenance planning information	Chapter 3.2.3 – Preliminary requirements and requirements after job completion	Chapter 4.7 – GEIA-STD-0007-B	Chapter 5.7 – GEIA-STD-0007-B
			Chapter 3.8 – Parts information	Chapter 3.2.4 – Controlled content		
			Chapter 3.12 – Common information repository	Chapter 3.2.3 – Common information		









S1000X structure, IPD example

Chapter 0 – Title page

Chapter 1 – ntroduction

Chapter 2 – General Chapter 3 – Target requirements Chapter 4 – Source information Chapter 5 – Terminology mapping

Chapter 3.2 -Common construct Chapter 3.2.1 – Identification and status section

Chapter 4.2 – S2000M

Chapter 5.2 – S2000M

Chapter 3.8 – Parts information





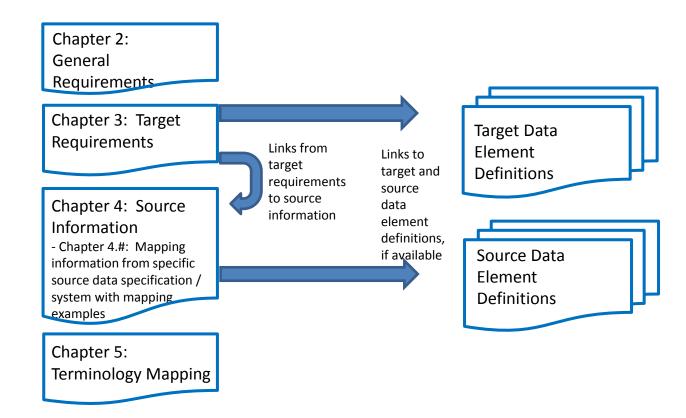




General requirements for input data specification for target S-Series specification

Target S-Series specification requirements

Detailed source mapping information for applicable source data systems







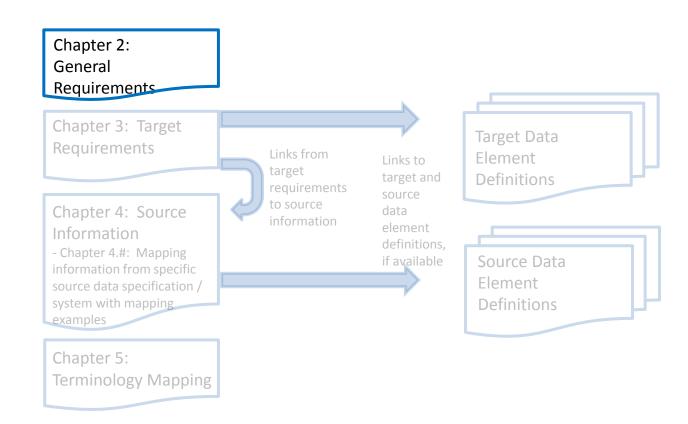




General requirements for input data specification for target S-Series specification

Target S-Series specification requirements

Detailed source mapping information for applicable source data systems











Chapter 1 and 2

• Chapter 1

Chapter	Data module title	Data module code	Applic
Chap 1	Introduction	S1000X-A-01-00-0000-00A-009A-A	All
Chap 1.1	Introduction - Purpose and Scope	S1000X-A-01-01-0000-00A-040A-A	All
<u>Chap 1.2</u>	Introduction - How to use the specification	S1000X-A-01-02-0000-00A-040A-A	All
<u>Chap 1.3</u>	Introduction - How to tailor the specification	S1000X-A-01-03-0000-00A-040A-A	All
<u>Chap 1.4</u>	Introduction - Maintenance of the specification	S1000X-A-01-04-0000-00A-040A-A	All

• Chapter 2

Chapter	Data module title	Data module code	Applic
Chap 2	General requirements	S1000X-A-02-00-0000-00A-009A-A	All
Chap 2.1	General requirements - Introduction	S1000X-A-02-01-0000-00A-018A-A	All
<u>Chap 2.2</u>	General requirements - Implementation prerequisites	S1000X-A-02-02-0000-00A-040A-A	All







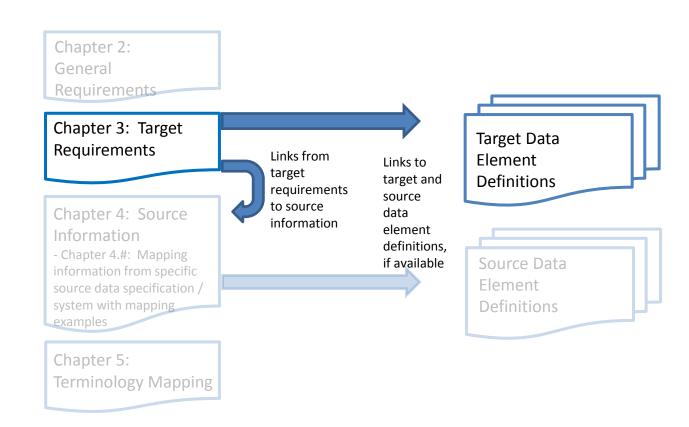


Target requirements

General requirements for input data specification for target S-Series specification

Target S-Series specification requirements

Detailed source mapping information for applicable source data systems











Chapter 3.8 – Parts information



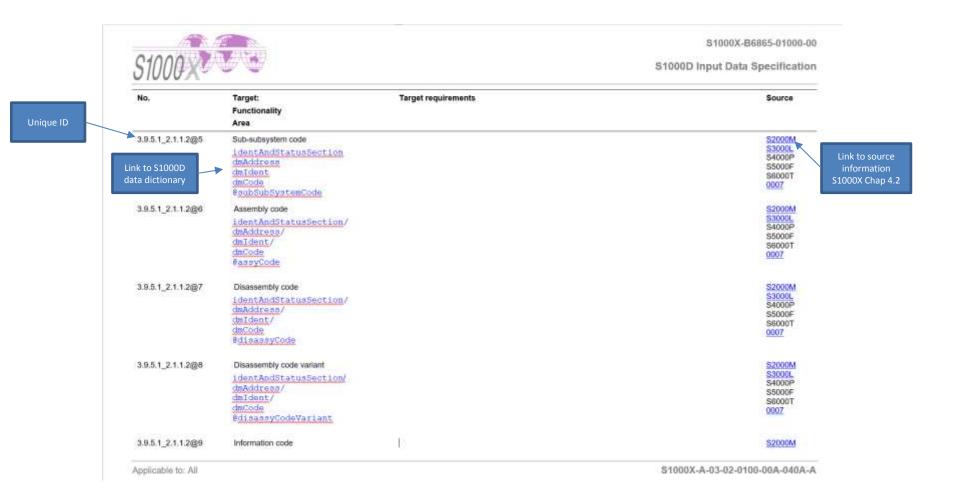








Chapter 3.2.1 – Identification and status section



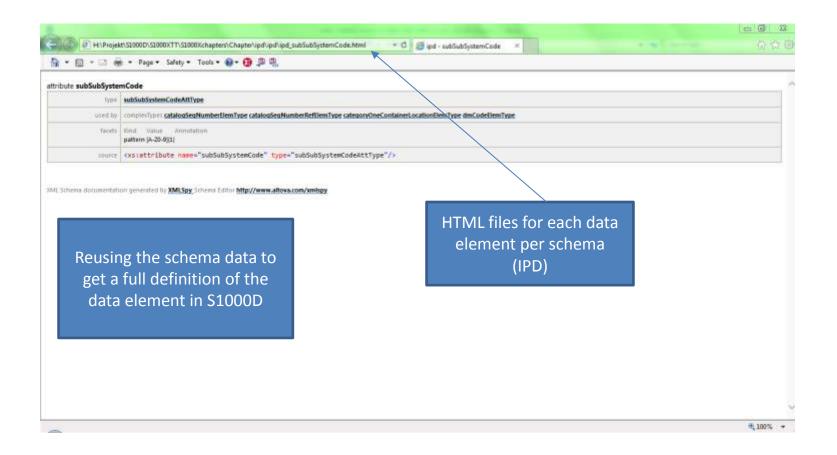








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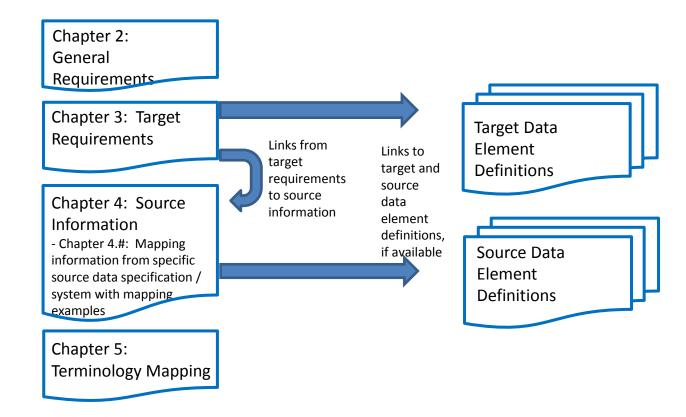




General requirements for input data specification for target S-Series specification

Target S-Series specification requirements

Detailed source mapping information for applicable source data systems











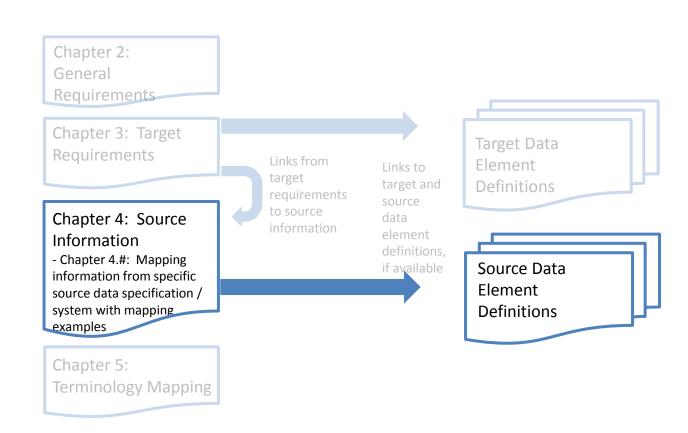
S1000X – Document relationships

Source Information

General requirements for input data specification for target S-Series specification

Target S-Series specification requirements

Detailed source mapping information for applicable source data systems



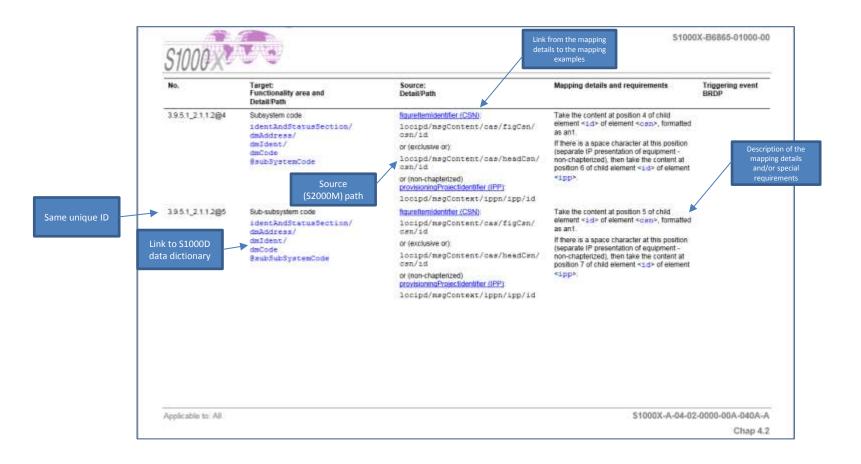








Chapter 4 – Mapping details



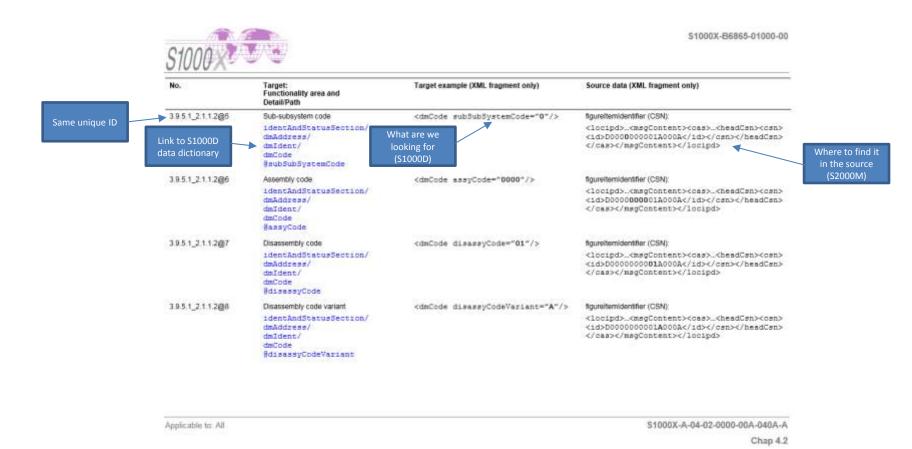








Chapter 4 – Mapping examples







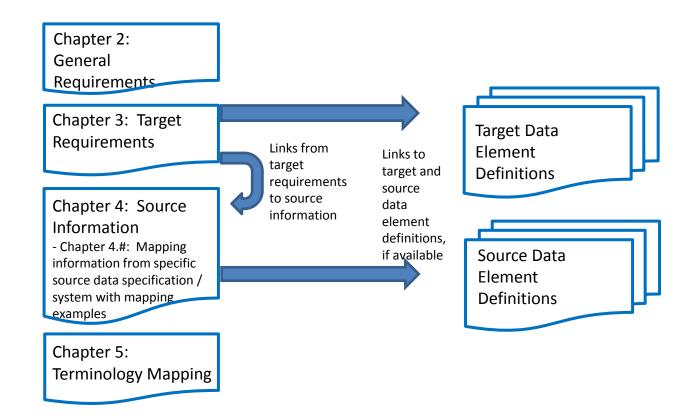




General requirements for input data specification for target S-Series specification

Target S-Series specification requirements

Detailed source mapping information for applicable source data systems











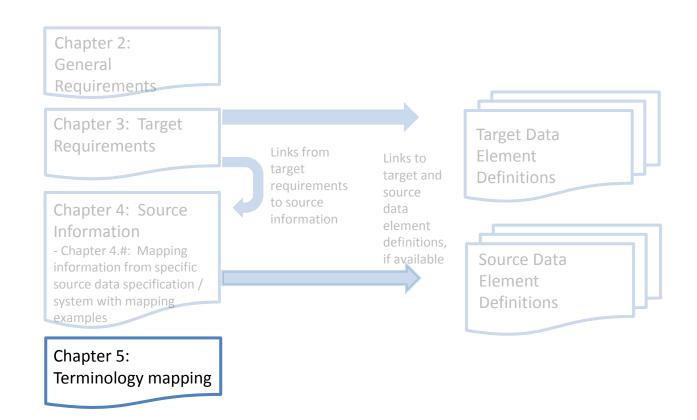
S1000X – Document relationships

Terminology mapping

General requirements for input data specification for target S-Series specification

Target S-Series specification requirements

Detailed source mapping information for applicable source data systems



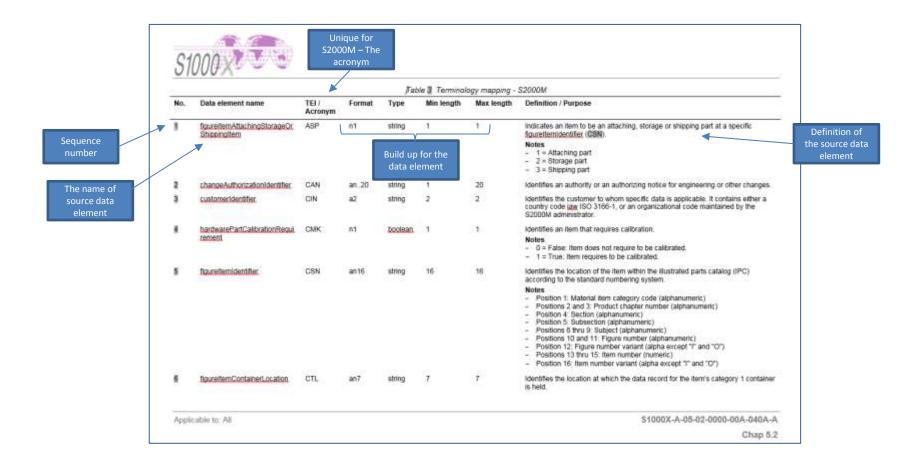








Chapter 5 – Mapping details











Tailoring of S1000D

Business rules

Example: <u>\$3000L</u> vs GEIA-STD-0007 for procedural information

Business rule decision point BRDP-1X-00001 - Applicable source specifications:

Identify the source specifications applicable to the mapping of required input data for S1000D in a given project.





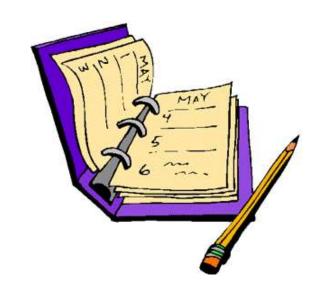




Publishing plan

	2019							2020
	June	July	August	September	October	November	December	January
Current plan	EDIT	EDIT	EDIT	EDIT	EDIT	Finish internal Review	External Review	Publish issue 0.1













Next step - Chapters

Chapter 3.3 – Descriptive information	Chapter 3.14 – Learning data module	Chapter 4.4 – S4000P	Chapter 5.4 – S4000P
Chapter 3.5 – Fault information	Chapter 3.15 – Maintenance checklists and inspections	Chapter 4.5 – S5000F	Chapter 5.5 – S5000F
Chapter 3.7 – Crew/Operator information	Chapter 3.16 – Service bulletin data module	Chapter 4.6 – S6000T	Chapter 5.6 – S6000T
Chapter 3.9 – BDAR information	Chapter 3.17 – SCO content data module	Chapter 4.8 – Other sources	Chapter 5.8 – Other sources
Chapter 3.10 – Wiring data	Chapter 3.18 – Incremental update		
Chapter 3.11 – Process data module			
Chapter 3.13 – Container data module			









Next step - specifications

- S1000D issue 4.2
- S1000D issue 5.0
- S2000M 6.2
- S3000L 2.0
- S4000P
- S6000T











Thank you

for your attention!

Questions?



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