NATO STANDARDIZATION OFFICE



Drafting NATO Standards Important Considerations / Best Practise

Silvia Cristofari Dieter Schmaglowski NSO

31 October 2018





1. Guidance for Custodians

2. Development of Standardization Documents







1. Guidance for Custodians

2. Development





AAP-03

AAP-03

DIRECTIVE FOR THE PRODUCTION, MAINTENANCE AND MANAGEMENT OF NATO STANDARDIZATION DOCUMENTS

Edition K Version 1 FEBRUARY 2018



NORTH ATLANTIC TREATY ORGANIZATION

ALLIED ADMINISTRATIVE PUBLICATION

Published by the NATO STANDARDIZATION OFFICE (NSO) © NATO/OTAN

- Procedures mandatory for TAs/DTAs, WGs, <u>custodians</u>, ...
- Defines NATO standardization documents
- Describes NATO standardization process
- Addresses roles/responsibilities of standardization actors
- Provides guidance for <u>selection of</u> <u>cover documents</u>, content of SP and ST, <u>determination of</u> <u>promulgation criteria</u>, content of <u>implementation paragraph</u>

Templates for SP, SP inquiry, ST, STANAG, STANREC, ...





AAP-32

NATO STANDARD

AAP-32

PUBLISHING STANDARDS FOR NATO STANDARDIZATION DOCUMENTS

Edition (B) Version (1)



ALLIED ADMINISTRATIVE PUBLICATION

Published by the NATO STANDARDIZATION OFFICE (NSO) © NATO/OTAN

- Detailed requirements concerning <u>structure, format</u> <u>and layout of NATO</u> <u>standardization documents</u>:
 - general structure of covering documents
 - general structure of Allied publications
 - page layout and formatting guidelines for text, figures and tables







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NATO STANDARD

AAP-47

ALLIED JOINT DOCTRINE DEVELOPMENT

Edition B Version 1

JUNE 2016



NORTH ATLANTIC TREATY ORGANIZATION

ALLIED ADMINISTRATIVE PUBLICATION

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- Supplement to AAP-03
- Specific procedures for development of <u>Allied Joint</u> <u>Doctrine</u>





MC 0020/11



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MC 0020/11 (Final)

FINAL DECISION ON MC 0020/11

MC POLICY FOR MILITARY OPERATIONAL STANDARDISATION

On 24 Apr 15 the MC approved MC 0020/11. 1

This document supersedes MC 0020/10 (FINAL), 27 May 04, and clears 2. IMSWM-0191-2015, 07 Apr 15, and all SDs thereto.

FOR THE MILITARY COMMITTEE:



Sir Christopher Harper Air Marshal Director General International Military Staff

NOTE. This Final Decision Sheet shall now be attached to MC 0020/11 as the top sheet. Page numbering of the complete document when this decision is attached is as follows:

- Page 1

18 pages

MC 0020/11 (Final) MC 0020/11 (Enclosure)

Distribution: SDL Z

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IMS Control Nr: O15002399

Policy for development and management of NATO standardization documents under MC

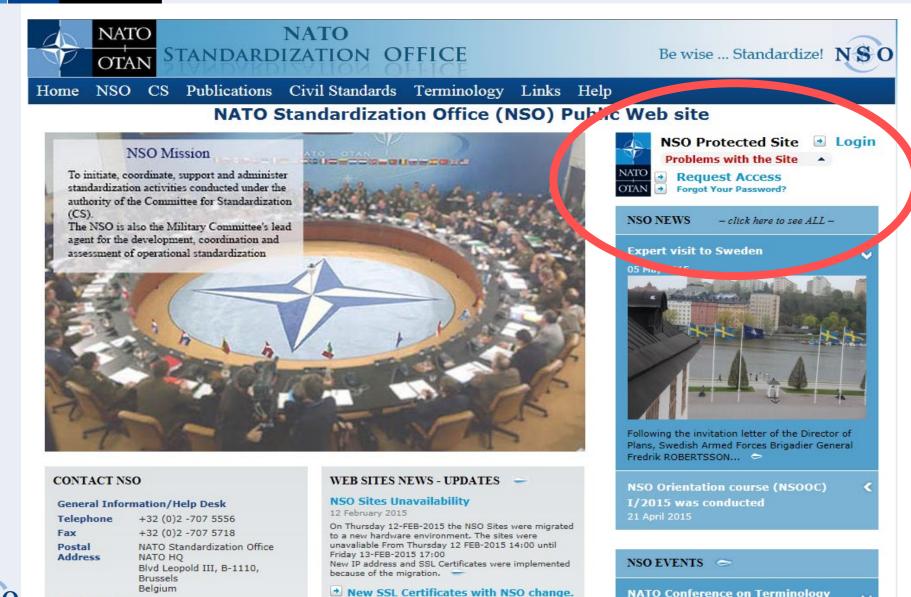
Describes MC standardization structure (MC Standardization **Boards**)

Addresses roles/ responsibilities (TOR for MC SBs)





References on the NSO Website



1 July 2014

Technical Issues

NS

NATO Conference on Terminology

8



Standardization Key Documents





AAP-03 Templates on NSO Website

AAP-03 Related Documents

Click Here to Search (All) Supporting Documents Content

AAP-03_Related_Documents > Edition K >

Documents in Current Folder	Document Date	Size (Bytes)
AAP-03 EDK V1 E.pdf	2018-Mar-14	1,200,422
AAP-03 EDK V1 F.pdf	2018-Mar-14	1,548,880
AP ENGLISH TEMPLATE.docx	2018-Mar-02	1,274,077
AP FRENCH TEMPLATE.docx	2018-Mar-02	1,276,436
MODIFICATION PROPOSAL FORMAT.docx	2018-Mar-14	17,405
REVISION TASK FORMAT.docx	2018-Mar-14	20,393
SRD COVER LETTER AND PROMULGATION LETTER ENGLISH TEMPLATE.docx	2018-Mar-02	1,255,644
SRD COVER LETTER AND PROMULGATION LETTER FRENCH TEMPLATE.docx	2018-Mar-02	1,256,087
STANAG TEMPLATE.docx	2018-June-01	45,140
STANDARDIZATION INQUIRY FORM.docx	2018-Mar-14	19,705
STANDARDIZATION PROPOSAL FORMAT.docx	2018-Mar-14	20,524
STANDARDIZATION TASK FORMAT.docx	2018-Mar-14	22,123
STANREC TEMPLATE.docx	2018-Mar-14	42,236
STANREC USE FORM.docx	2018-Mar-14	16,741
Created on: 18 Sep 2018		





Guidance for Custodians

The Standardization Task - Role and Importance for Custodians -





The Standardization Task

- validates the standardization need and its impact on interoperability;
- specifies the standardization solution to be developed;
- specifies the related capabilities;
- specifies the level of standardization.



The Standardization Task - Role and Importance for Custodians (2)-

Furthermore, the ST:

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- defines if a STANAG or a STANREC is to be developed;
- specifies engagement with other organizations and actors;
- designates WG to action the ST;
- nominates custodian;
- specifies partner nations and NATO bodies involvement;
- specifies intended classification;
- defines urgency and expected date when the WG should deliver to TA/DTA;
- addresses need for fast track (urgent requirements);
- addresses if the documents are required in both NATO languages;
- defines promulgation criteria for Allied standards, covered by a STANAG;
- addresses need for a NATO effective date (NED);
- defines military services and/or MoD departments affected by the identified standardization solution.





Guidance for Custodians

Classification of Standardization Documents

Referencing Non-NATO Standards





Guidance for Classification of Standardization Documents

- Shall be marked with lowest level of classification required to protect information
- Where possible: no classification markings!
- If AP has to be classified, develop Multinational Publications (MP) to ease cooperation with partners
- To lower classification of AP consider development of classified supplements

MP: extract from an AP, approved by Allies at tasking authority or delegated tasking authority level for distribution and use outside NATO





Detailed Guidance on How to Reference Non-NATO Standards

- copyrights shall be respected in all cases content can be reproduced only with the permission of the copyright holder
- all referenced non-NATO standards shall be included in the list of references
- specific use of referenced non-NATO standards shall be identified as follows:

normative references: those directly referenced as part of the requirement (**IN STANAG**)

informative references: those listed for information purposes only (not part of the requirement)







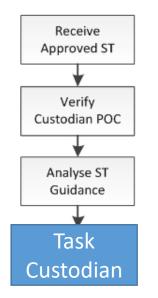
1. Guidance for Custodians

2. Development of Standardization Documents





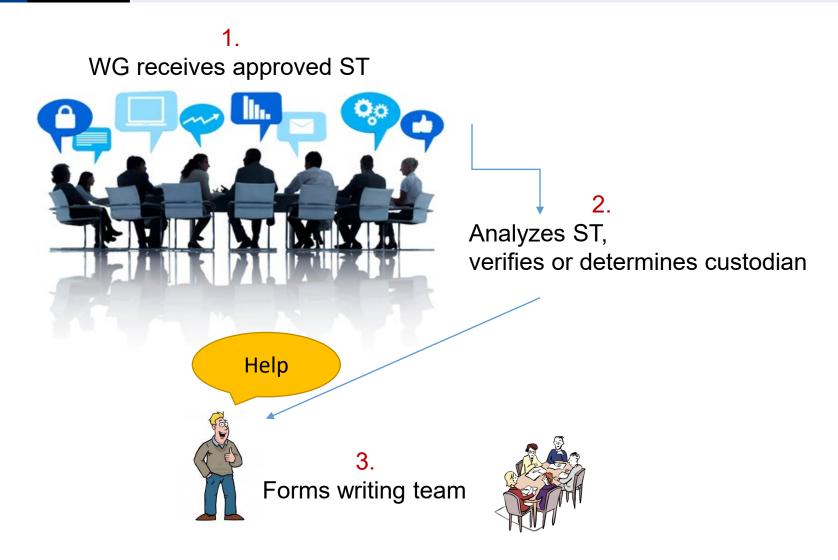
Handling of the Standardization Task by WG







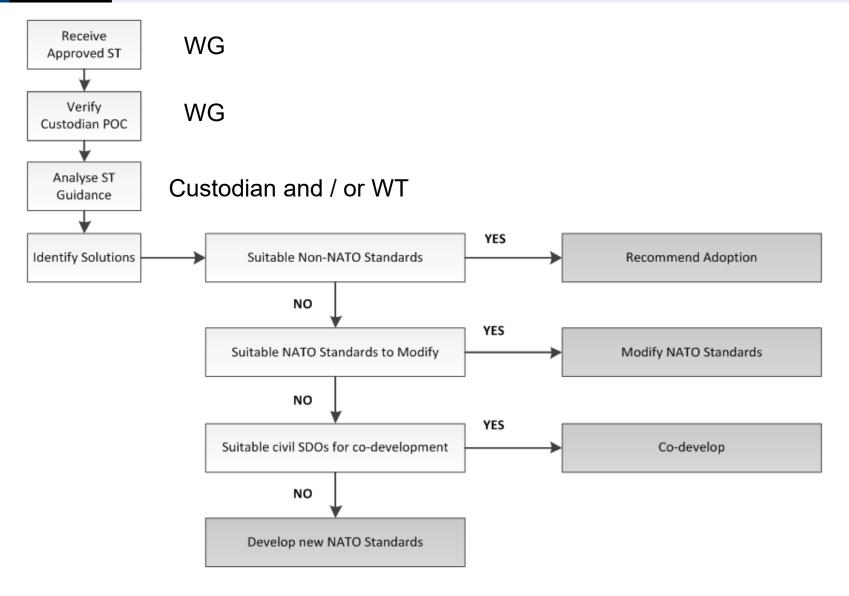
Get started with your Team







"Check List Processing"





Development (1)

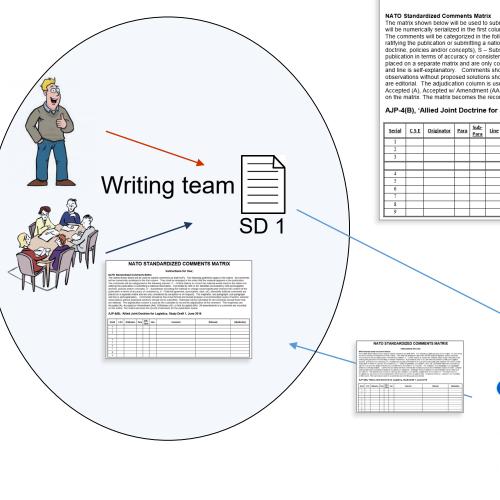


Instructions for Use

The matrix shown below will be used to submit comments on draft AJPs. The following guidelines apply to the matrix. All comments will be numerically serialized in the first column. They shall be arranged in the order that the material appears in the publication. The comments will be categorized in the following manner: C – Critical (failure to correct the material would result in the nation not ratifying the publication or submitting a national reservation. If provided by IMS or SC identifies inconsistency with promulgated doctrine, policies and/or concepts), S - Substantive (including the material or change would significantly improve the content of the publication in terms of accuracy or consistency), E - Editorial (grammar, punctuation, style, etc.) (Normally editorial comments are placed on a separate matrix and are only considered by exception or on request). The originator, and paragraph, sub-paragraph and line is self-explanatory. Comments should be line-in/out format and should propose a recommended course of action. General observations without proposed solutions should not be submitted. Rationale will be submitted for all comments except those that are editorial. The adjudication column is used by the custodian to record the adjudication of the comment. The responses are Accepted (A), Accepted w/ Amendment (AA), Withdrawn (W), or Not Accepted (NA). All amendments to a comment are recorded on the matrix. The matrix becomes the record of decisions for the publication review

AJP-4(B), 'Allied Joint Doctrine for Logistics, Study Draft 1, June 2016

<u>Serial</u>	<u>C S E</u>	Originator	<u>Para</u>	<u>Sub-</u> Para	Line	Comment	Rationale	Adjudication
1								
2								
3								
4								
5								
6								
7								
8								
9								







Comments Matrix

NATO STANDARDIZED COMMENTS MATRIX

Instructions for Use

NATO Standardized Comments Matrix

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1								
2								
3								
4								
5								
6								
7								
8								
9								



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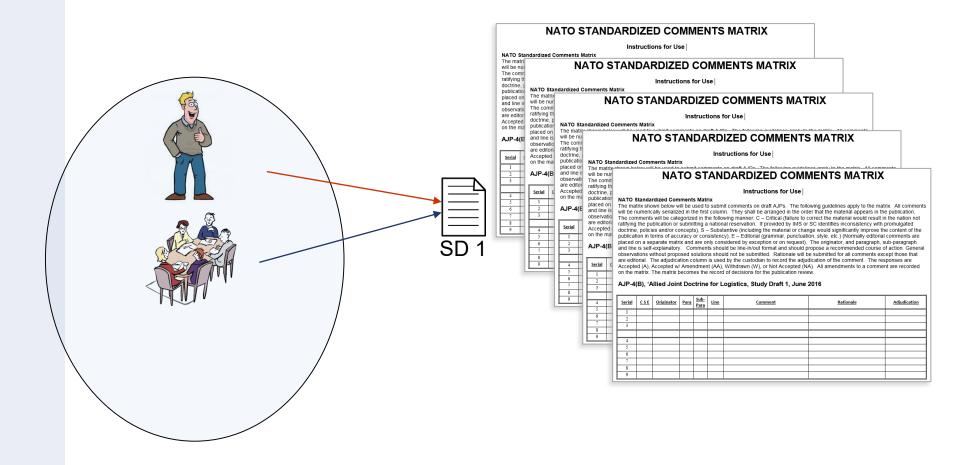
AJP-4(B), 'Allied Joint Doctrine for Logistics, Study Draft 1, June 2016

<u>Serial</u>	<u>C S E</u>	<u>Originator</u>	<u>Para</u>	<u>Sub-</u> Para	<u>Line</u>	Comment	<u>Rationale</u>	<u>Adjudication</u>
1 2 3	C	Ľ – (Cr	iti	.C2	n1		
4 5 6	$\frac{\frac{4}{5}}{\frac{5}{6}}$ S – Substantive							
7 8 9	$\frac{7}{8}$ E – Editorial							



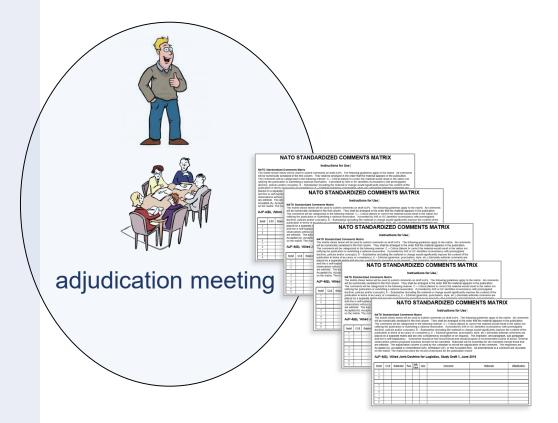


Development (2)





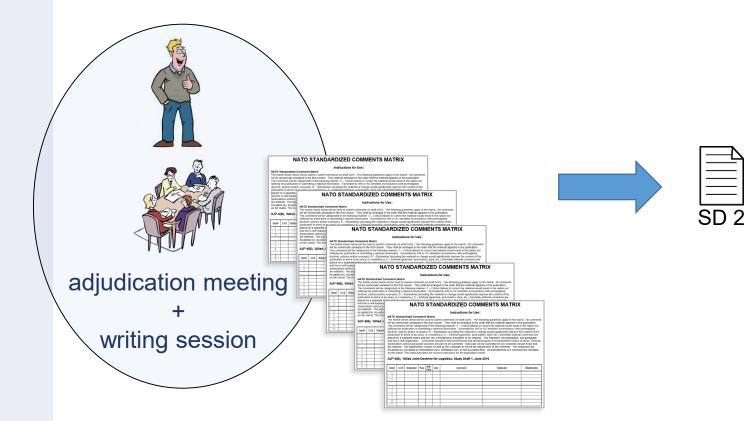
Development (3)







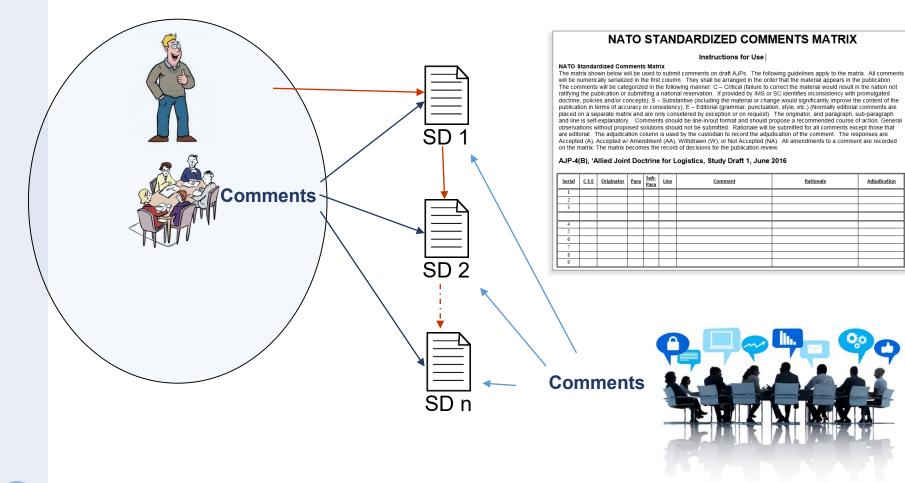
Development (4)





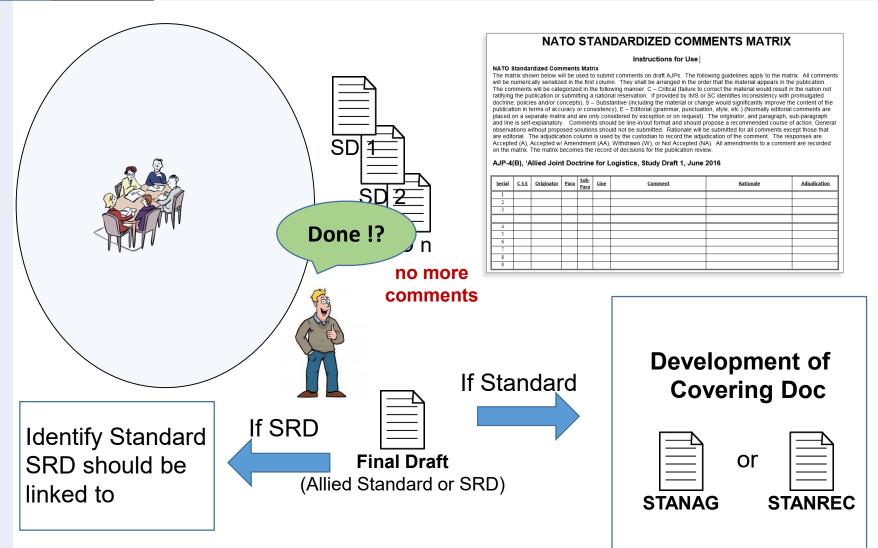


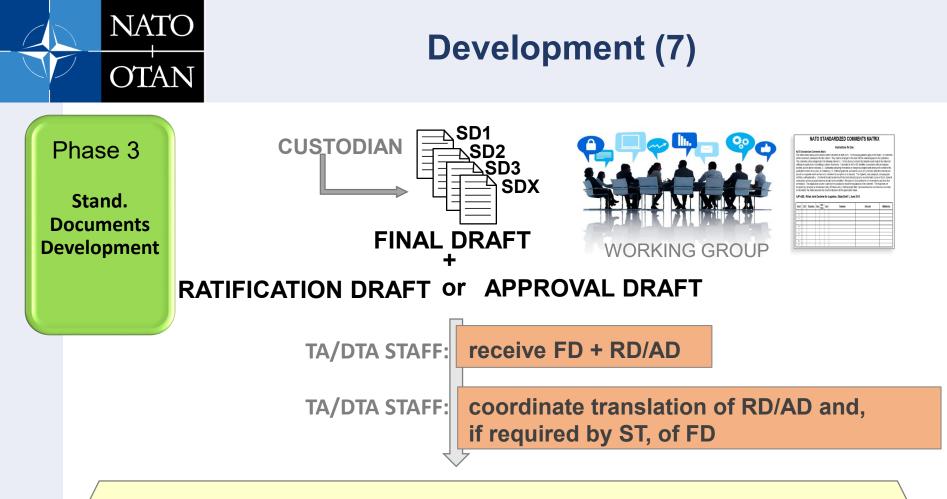
Development (5)





Development (6)







Covering Document NOT required for Administrative Publications

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From Practise – For Practise

- Composition and size of the writing team
 - Find the "right" SMEs
 - Keep the (core) team small
 - Ensure consistency within the writing team (same members)
- Agree on the document's structure & main content early
- Start with a straw man
- Write the first draft
 - as the custodian or
 - as the writing team (split the content of the document)
- Coordinate / share the study drafts with a wider audience (feedback and support)



NSO Support for Custodians

Standards	TA/DTA	NSO Support (Contact Info on NSO Protected Website)
AJPs and Operational Joint Standards	MC/MCJSB	Joint Branch
Operational and Materiel Maritime Standards	MC/MCMSB; CNAD/NNAG	Naval Branch
Operational and Materiel Land Standards	MC/MCLSB; CNAD/NAAG	Army Branch
Operational and Materiel Air Standards	MC/MCASB; CNAD/NAFAG	Air Branch
Medical Standards	MC/MedSB	Joint Branch
Logistics Standards	LC/LCEG-S	Joint Branch
Life Cycle Management Standards	CNAD/LCMG	Policy & Coordination Branch
Ammunition Safety Standards	CNAD/CASG	Policy & Coordination Branch
C3 Standards	СЗВ	Joint Branch

- Cooperation with SDOs: Policy & Coordination Branch
- NSO Help Desk Function: "send us an email" on Protected Website





Time for your questions...





NATO STANDARDIZATION OFFICE



Drafting NATO Standards Important Considerations / Best Practise

Silvia Cristofari Dieter Schmaglowski NSO

31 October 2018



Commonality:

"The state achieved when the *same doctrine, procedure or equipment* are used.

Interchangeability:

"The ability of one product, process or service to be used in place of another to fulfill the same requirements."

Compatibility:

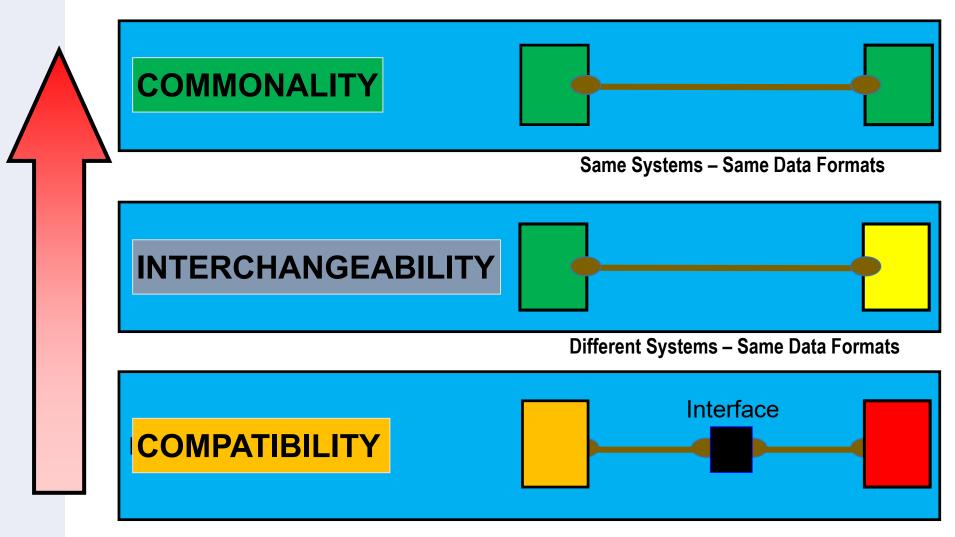
"The suitability of *products, processes or services for use together under specific conditions* to fulfil relevant requirements *without causing unacceptable interactions.*"





Levels of Standardization

- Example: Federation of C2I Systems -



Different Systems – Different Data Formats

