

The Semantic Web for Interoperable Specifications and Standards (SWISS)

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Rupert Hopkins

r.hopkins@xsb.com

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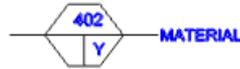


What do your customers hire a spec to do?

NOTES:

1. SPEC MIL-W-13855 AWS ANSI Y14.5M-1982 APPLY.

2. MATERIAL: STEEL, BAR, ALLOY 4320 OR 8620.



3. UNLESS OTHERWISE SPECIFIED, ALL EXTERNAL SHARP EDGES SHALL BE BROKEN 0.05 TO 0.25; INTERNAL EDGES R0.2 MAX.

4. UNLESS OTHERWISE SPECIFIED, ALL SURFACE FINISH IS 3.2/

5. PROTECTIVE FINISH: FINISH 5.3.1.1 OR 5.3.2.1 OF MIL-STD-171.



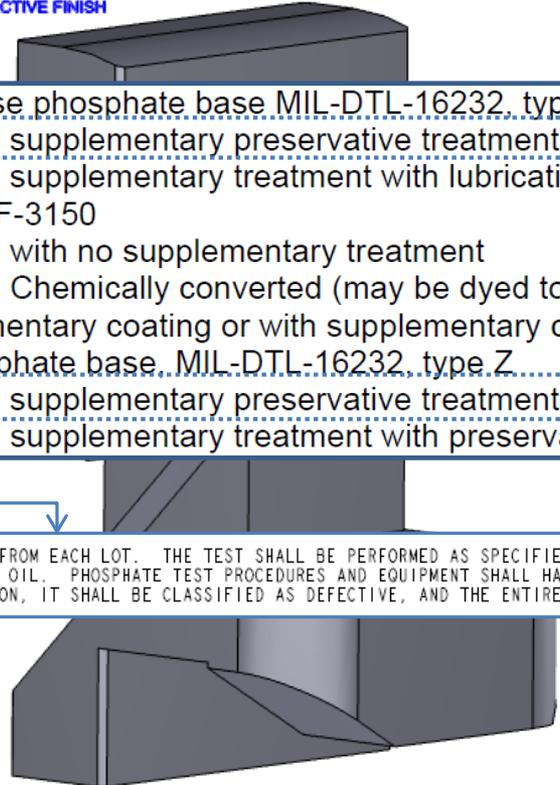
6. QUALITY ASSURANCE PROVISION REQUIREMENTS PER DRAWING 12993884 APPLY.

7. APPLY CONTRACTORS CAGE CODE THAT APPLIES.

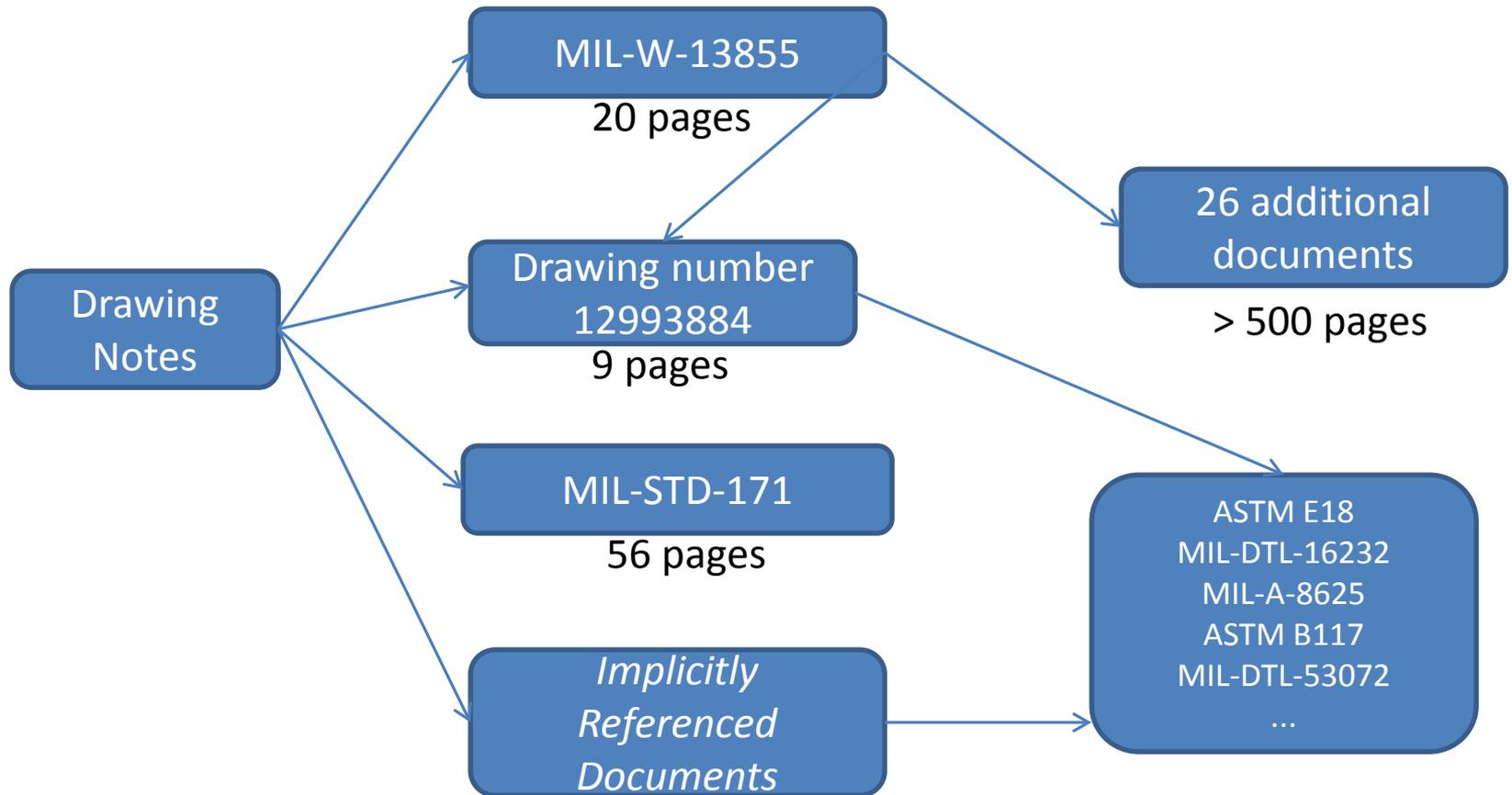
* 5.3.1	Manganese phosphate base MIL-DTL-16232, type M
5.3.1.1	Class 1, supplementary preservative treatment or coating, as specified.
5.3.1.2	Class 2, supplementary treatment with lubricating oil conforming to MIL-PRF-3150
5.3.1.3	Class 3, with no supplementary treatment
5.3.1.4	Class 4, Chemically converted (may be dyed to color as specified) with no supplementary coating or with supplementary coating as specified
* 5.3.2	Zinc phosphate base MIL-DTL-16232, type Z
5.3.2.1	Class 1, supplementary preservative treatment or coating, as specified
5.3.2.2	Class 2, supplementary treatment with preservative conforming to

- 108 III C HARDNESS
- 205 II V Ra 16 SURFACE ROUGHNESS
- 206 II V PROTECTIVE FINISH
- 207 II V WORKMANSHIP PER MIL-W-83150
- 502 Z SALT SPRAY TEST
- 503 Z COATING WEIGHT
- 504 Z SUPPLEMENTAL OIL SALT SPRAY TEST
- 505 Z CASE DEPTH HARDNESS

502 - SALT SPRAY TEST: FIVE (5) PARTS SHALL BE SELECTED FROM EACH LOT. THE TEST SHALL BE PERFORMED AS SPECIFIED IN MIL-DTL-16232 OR MIL-A-8625, AS APPLICABLE, AND ASTM B117 WITHOUT SUPPLEMENTARY OIL. PHOSPHATE TEST PROCEDURES AND EQUIPMENT SHALL HAVE THE PRIOR APPROVAL OF THE GOVERNMENT. IF ANY PART SHOWS EVIDENCE OF CORROSION, IT SHALL BE CLASSIFIED AS DEFECTIVE, AND THE ENTIRE LOT SHALL BE REJECTED.



How hard does a customer have to work?



How often is the same data independently re-entered?

Vendor /OEM



Quote

PURCHASE DESCRIPTION
COAT, ARMY COMBAT UNIFORM

This specification is approved for use by the Defense Supply Center Philadelphia and is available for use by all Departments and Agencies of the Department of Defense.

1. SCOPE

1.1 Scope: This specification covers the requirements for universal camouflage pattern, single-breasted combat coats to be worn by the Army.

1.2 Classification: The coat shall be of the following types, classes and sizes, as specified (see 6.2).

1.2.1 Type 1 - 5075 Nylon/Cotton Ripstop
Type II - 552210 Ripstop/Pine-Apple/Byron Ripstop Flame Resistant

Class 1 - Unarmored
Class 2 - Permethrin treated

1.2.2 Size: The coat sizes shall be as follows:

SCHEDULE OF SIZES					
X-Small	Small	Medium	Large	X-Large	XX-Large
XX-Short	XX-Short	XX-Short	XX-Short	XX-Short	XX-Short
X-Short	X-Short	X-Short	X-Short	X-Short	X-Short
Short	Short	Short	Short	Short	Short
Regular	Regular	Regular	Regular	Regular	Regular
Long	Long	Long	Long	Long	Long
X-Long	X-Long	X-Long	X-Long	X-Long	X-Long



Work Instructions

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Short	Short	Short	Short	Short	Short
Regular	Regular	Regular	Regular	Regular	Regular
Long	Long	Long	Long	Long	Long
X-Long	X-Long	X-Long	X-Long	X-Long	X-Long



Test Plans

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Short	Short	Short	Short	Short	Short
Regular	Regular	Regular	Regular	Regular	Regular
Long	Long	Long	Long	Long	Long
X-Long	X-Long	X-Long	X-Long	X-Long	X-Long



Sub Contracts

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Regular	Regular	Regular	Regular	Regular	Regular
Long	Long	Long	Long	Long	Long
X-Long	X-Long	X-Long	X-Long	X-Long	X-Long

Quote

Work Instructions

Test Plans

Sub Contracts

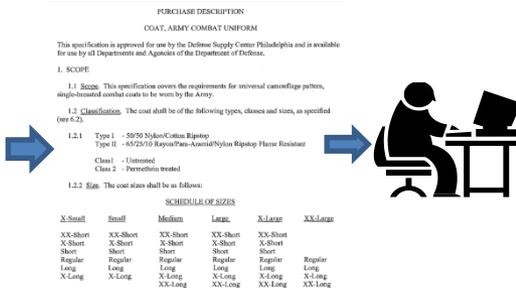
Tier 1

Quote

Work Instructions

Test Plans

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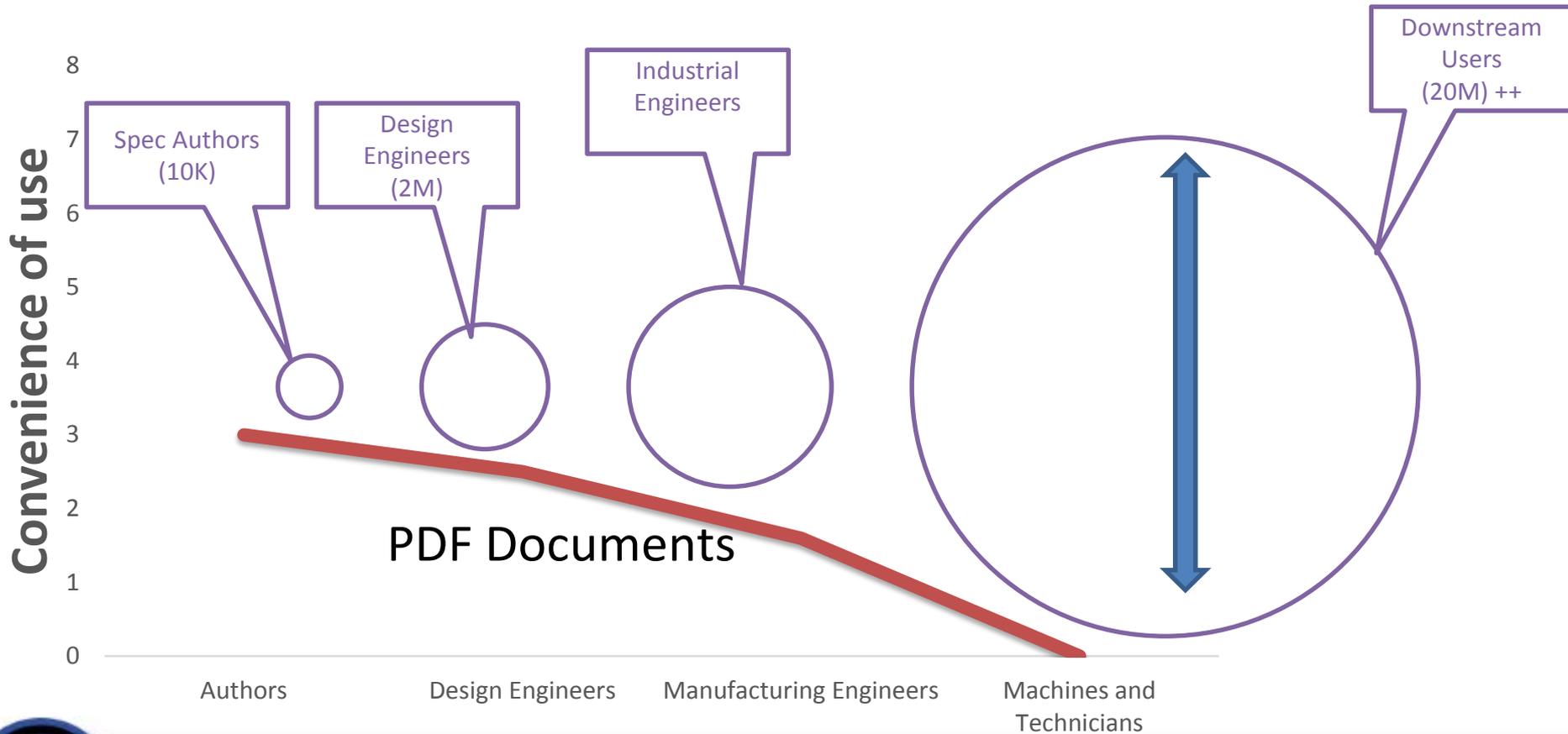


Services (SAR)

DLA



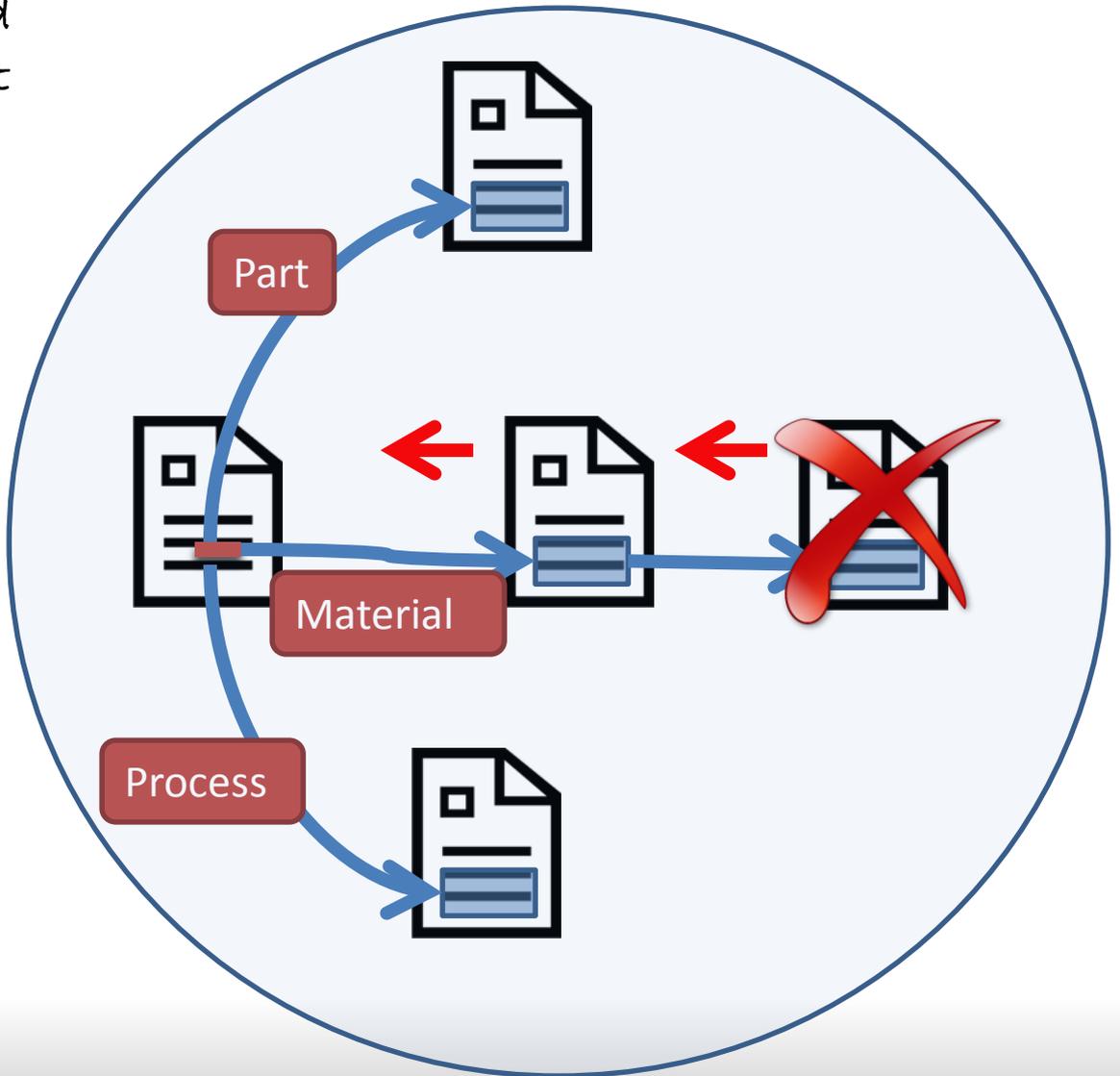
Usability of Documents



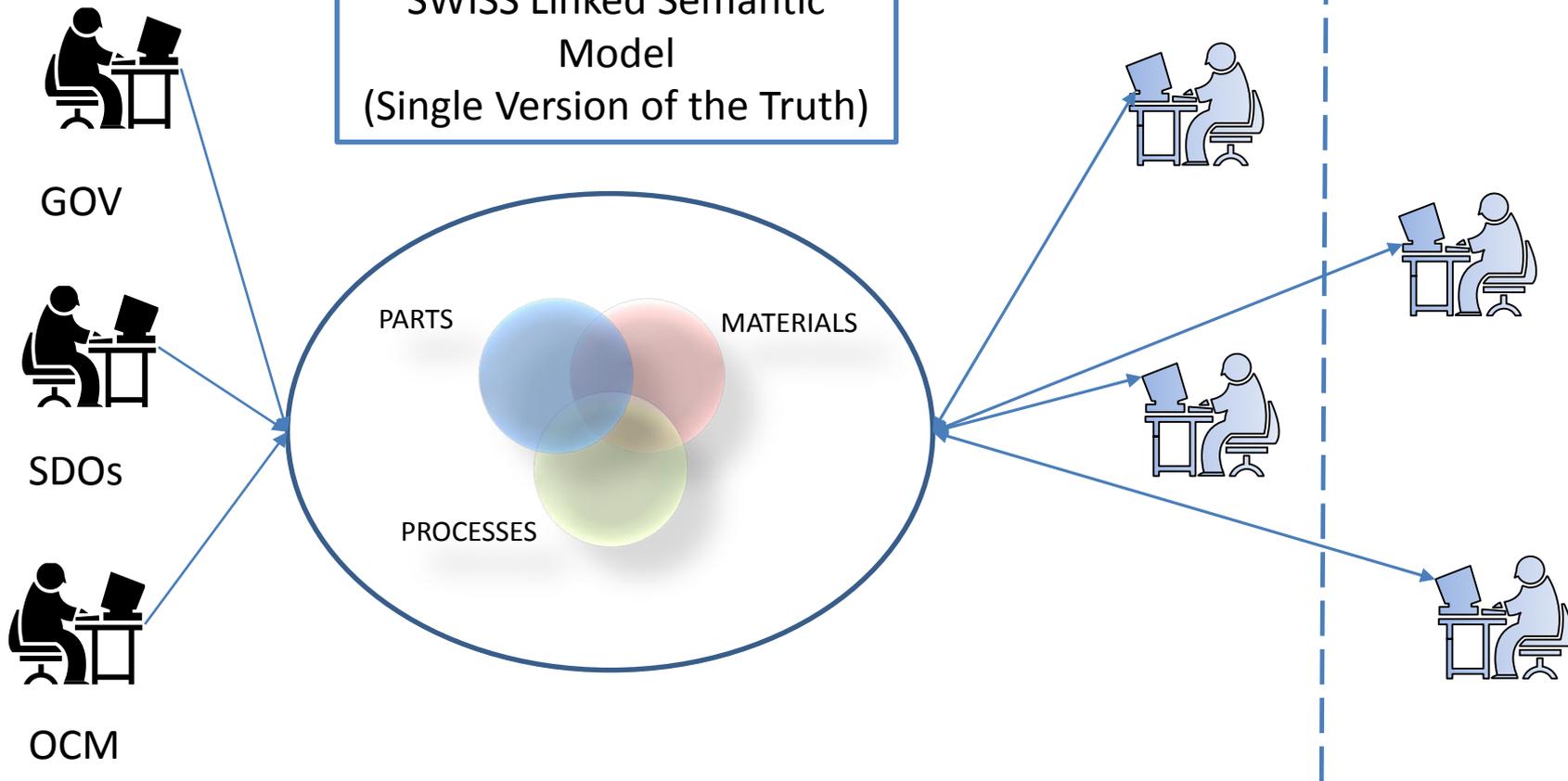
Smart, Connected, Documents
'Who', 'Why', and 'State'

Connected Document

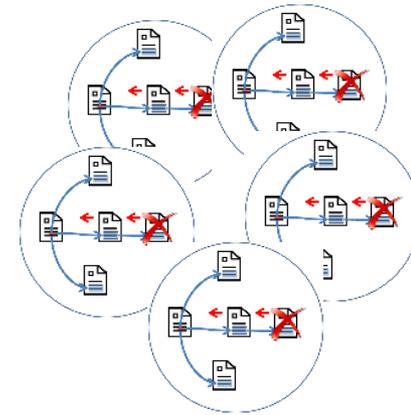
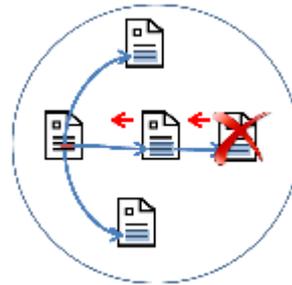
Traditional Document



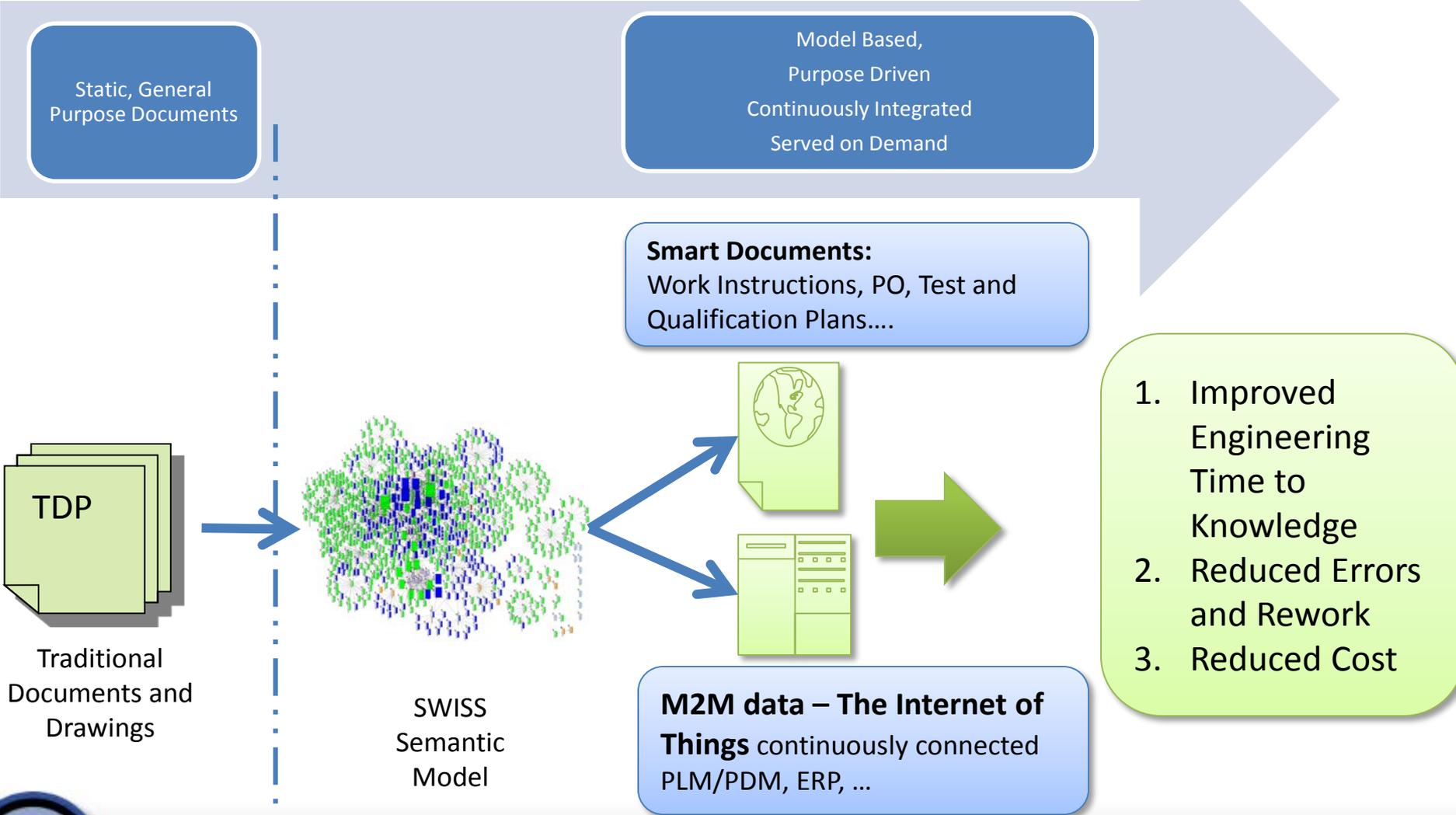
SWISS Linked Semantic Model
(Single Version of the Truth)



Document Paradigm Shift from document to software? Model Based Specifications



Smart Connected Tech Data



SWISS Technical Working Group

