



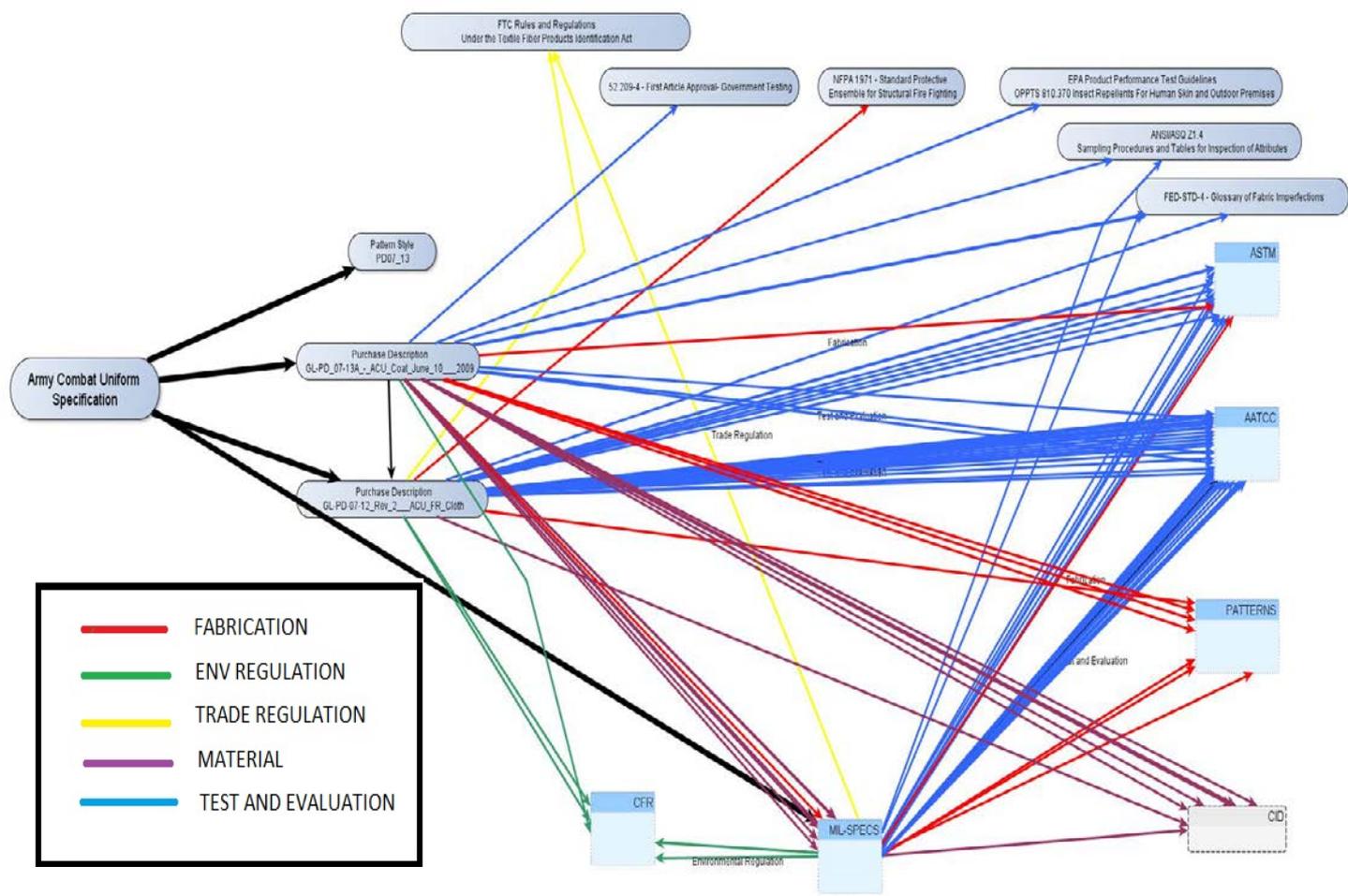
Automated Documents



- **Moving from theory to reality**
- **Must have multi-SDO commitment, cooperation and collaboration**
- **Agreement to standard conceptual definitions**
- **Follow the money**



The Problem in a Picture





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 I - 5075 Nylon/Cotton Ripstop
Type II - 652210 Ripstop/Pan-Aramid/Ripstop Ripstop Flame Resistant

Class 1 - Unlined
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



Tier 1



Quote

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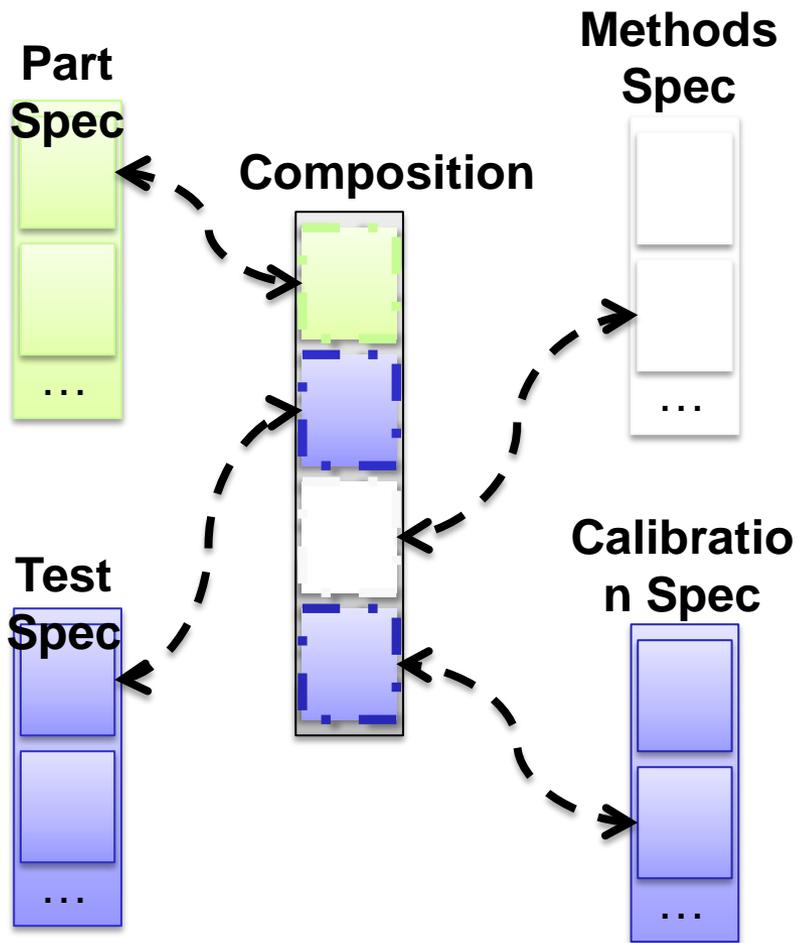
SWISS Motivation



- Often a user needs a small amount of information from a large collection of documents from different authorities.
- If targeted information can be more easily disseminated within the enterprise, there is a great opportunity to expand the audience beyond the engineers to a larger user base
- One of the core capabilities of SWISS is for users to be able to include specific concepts from standards in their derivative works such as Manufacturing Work Instructions, Source Qualifications and Test Procedures. This is done by linking directly to the authoritative source. This inclusion by reference is known as transclusion.



Transclusionion Benefits

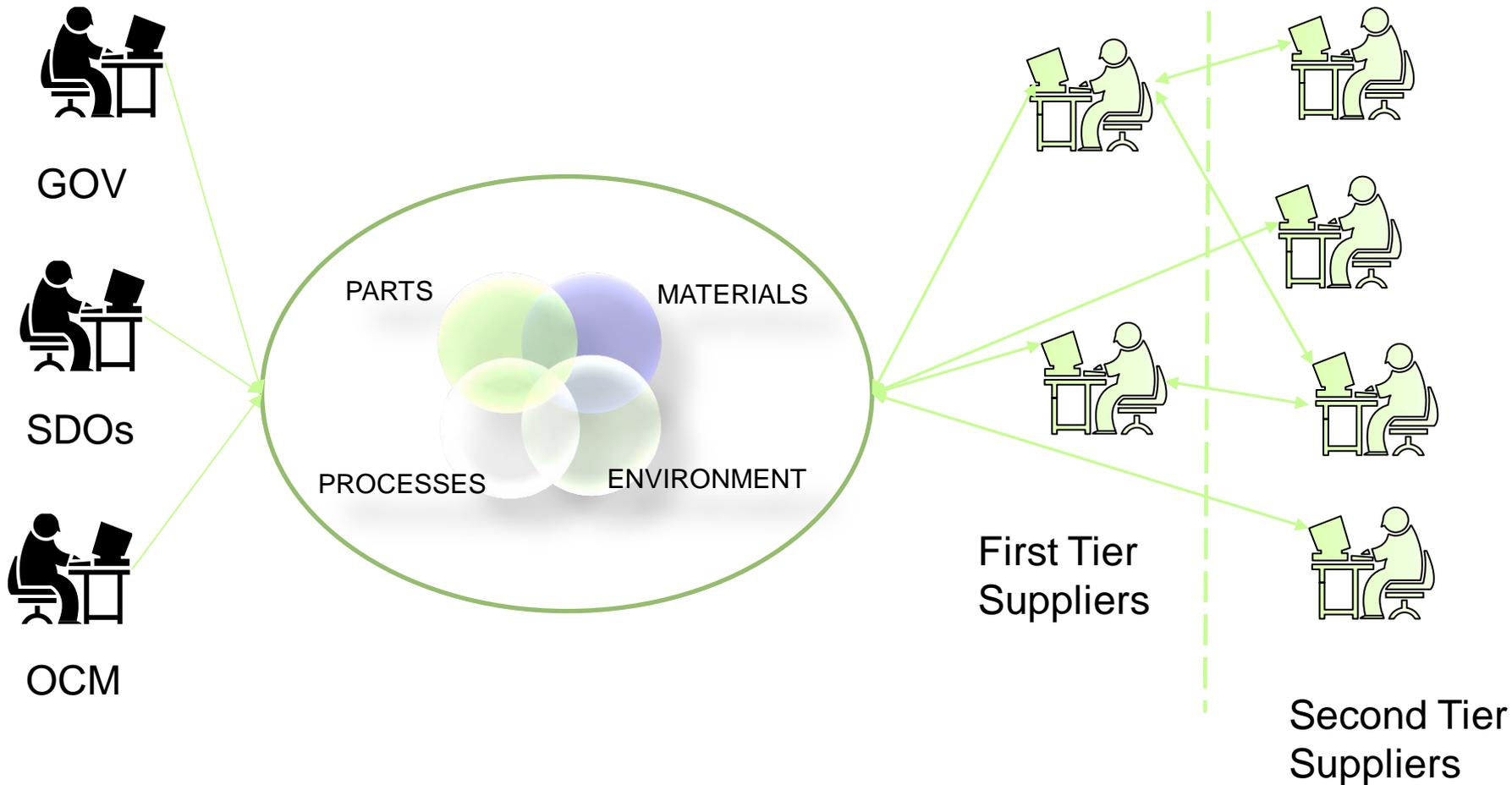


Avoids data entry mistakes

- preserves the authoritative source
- simplifies change management
- allows authors of derivative documents to be able to find out about any changes to a spec and assess their impact.
-and for use outside the licensed enterprise, it turns what previously was a copyright/licensing concern (an unauthorized derivative work) into a revenue-generating opportunity.



SWISS DATA MODEL (Single Version of the Truth)





Technical Working Group

