Semantic Web For Interoperable Standards (SWISS)

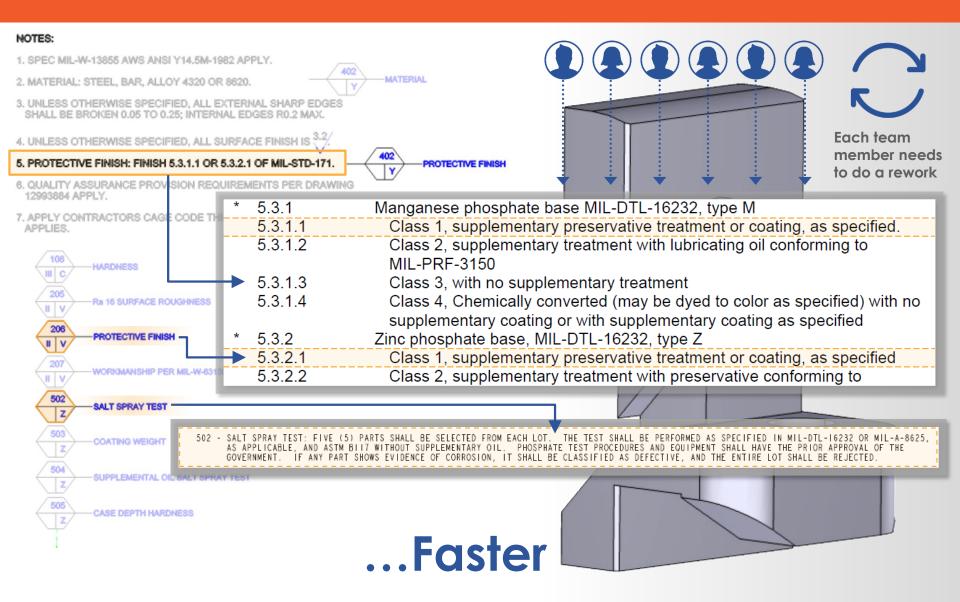
Tatyana Vidrevich tatyana@xsb.com XSB Inc 13 November 2019



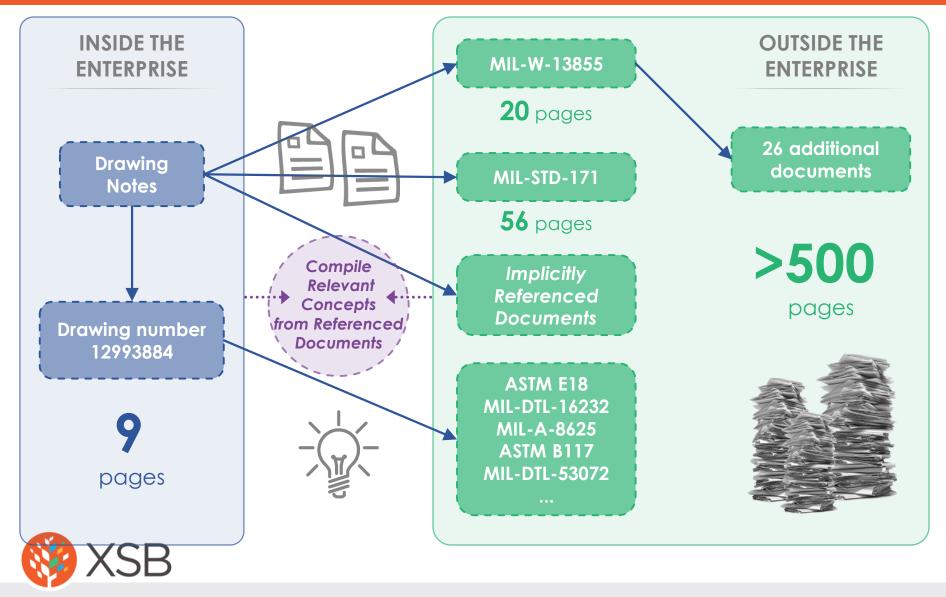
Turning Data into Actionable Assets

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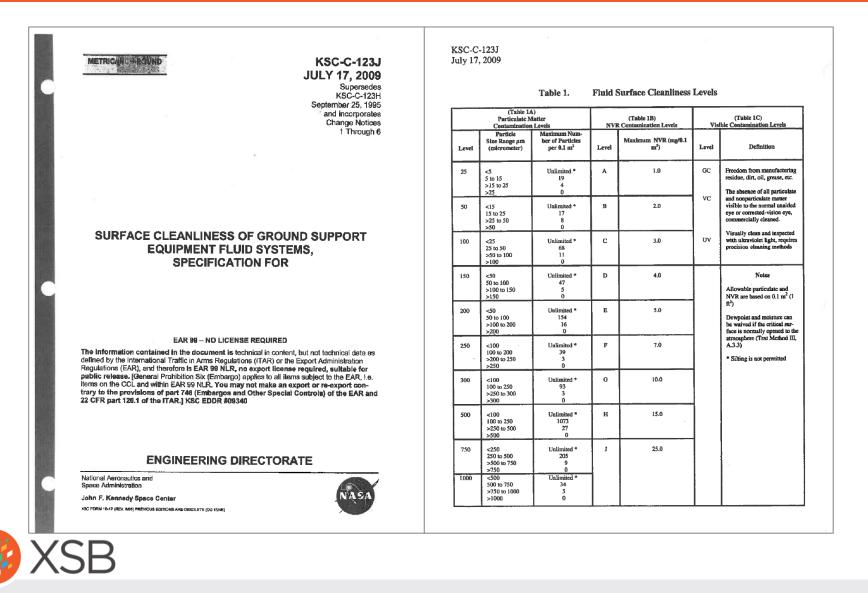
Getting to the Right Requirements...



Complex Web of Concepts

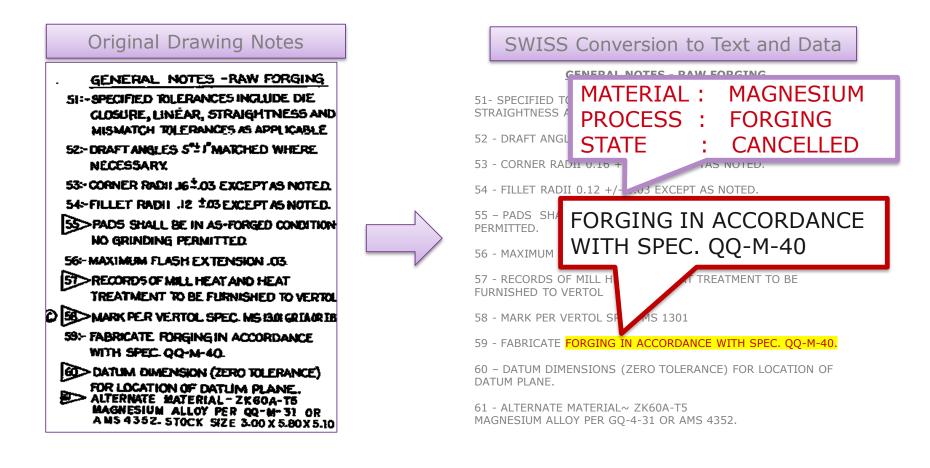


Digital Specifications?



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Or This?





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Relevant efforts

- NISO-STS Standard
 - Syntactic
- Boeing Standards as Digital Data
- SysML



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DEMONSTRATION OF SWISS



Summary

- Need to serve users but make it easy for publishers
- Ontology for parts, materials and processes allows for logical reasoning
- Semantics may be populated with lightweight AI processes

