

# ASTM Compass<sup>®</sup>

Advancing “Next  
Generation Capabilities”

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## GLOBAL PRODUCT DATA INTEROPERABILITY SUMMIT 2016



# Compass – Solidifying/Setting the Stage Today

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## FABs (Features/Advantages/Benefits)

- Standards
  - XML format
  - HTML and PDF output options
- Other ASTM Services
- Notes
- Annotations
- Redlines Advanced
- Ability to customize
- Ability to host other third party data sets including Mil Specs and Standards

# Giving the Marketplace What it Wants

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## What we Hear / What We Know

- Discoverability has been getting more attention than flexible data format
- PDF has served needs well but customers want and need more
- Interoperability moving forward is a must
- Not all standards users are at the same level of advanced usage
- Provide the data in usable format...provide the tools...let the customers construct their apps
- Business models need to be flexible
- Customers still need to respect SDO business models and copyright

# Compass – Expanding Capabilities

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## FABs

- STDs
- Other
- Notes
- Annotations
- Redlines Advanced
- Inter-Operability of ASTM Content (STS and SWISS tagging schemas)
- Integration/Fine Tuning Collaboration Module
- Developed Packages in conjunction API and ASME (including DOD Mil Content)
- SPECBUILDER

# Compass – Evolving to Transclusion Capabilities with SWISS

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## FABs

- STDs
- Other
- Notes
- Annotations
- Redlines Advanced
- Integration/Fine Tuning Collaboration Model
- Transclusion Syntactical
- Transclusion With Other 3<sup>rd</sup> Party

## Value

1. Takes the “downstream” works issues out of the “Gray”
2. Enables Customer Capability to Develop & Massage the data
3. Enables Version Control !!  
...change management is a hot issue in many areas!
4. New market unique packages/solutions
5. Further strengthens our position on the technology and next generation product front (per our partnership with XSB)

# Transclusion in ASTM Compass® - A Prototype...But Now Market Ready

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## New Display of Functionality

- On the front page
- Available under User Profile
- Available under “My Tools”

The screenshot displays the ASTM Compass website interface. At the top, there is a navigation bar with the ASTM logo and the text "ASTM COMPASS® Your Portal for Standards, Testing, Learning, & More". A user profile dropdown menu is open for "ANTHONY MILICI", listing options like "My Annotations", "My Bookmarks", "My Groups", "Create a Group", "Standards Shared with Me", "Transclusion", "Product Alerts", "MyASTM", "My Account", "Subscription Usage", "Become a Member", and "Logout". The "Transclusion" option is highlighted with a green checkmark. Below the navigation bar is a search bar with the text "Search topic, title, author, A53" and an "Advanced Search" button. The main content area is divided into several sections: "STANDARDS" (Book of Standards, Custom Collection, Research Reports), "DIGITAL LIBRARY" (Journals, Special Technical Publications, Manuals / Monographs, Data Series), "OTHER CONTENT" (AASHTO, UOP), "TRAINING", "TERMINOLOGY", and "MY TOOLS" (My Annotations, My Bookmarks, My Groups, Transclusion, Standards Shared with Me, Product Alerts). The "Transclusion" section is highlighted with a green checkmark. At the bottom, there are social media icons and a footer with copyright information.

# Standards as Data – First Steps

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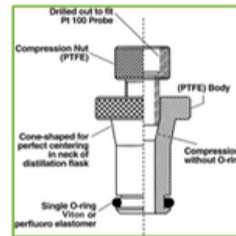
## Vocabulary and Ontologies



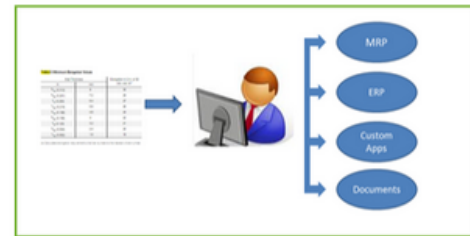
## Transclusion



## Models



## Table Extraction



<XML/>

# Compass and Transclusion and SWISS...What's Next?

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- We've Listened
- We've Addressed the Data Issues
- We've Developed Tools and Capabilities
- We've Thought Thru the Business Models and Copyright Issues

**Questions?**



# Thank You !