



ASTM INTERNATIONAL
Helping our world work better

ASTM COMPASS®

...advancing “Next Generation”
Capabilities”

Vice President Publications and Marketing
PSMC Conference - April 2016

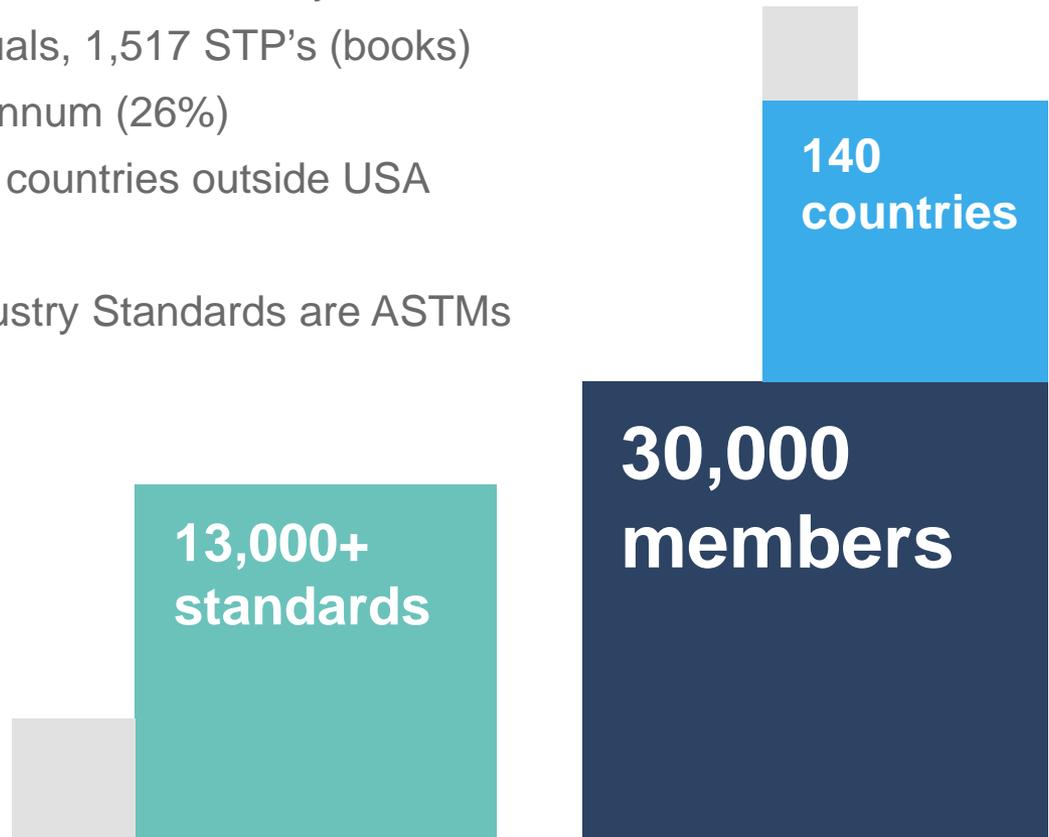
www.astm.org



ASTM International By Numbers



- 30,000 members - leading experts in their fields
- Over 140 main technical committees – 90+ industry sectors
- Over 13,000 standards, 114 manuals, 1,517 STP's (books)
- 3,200 changes to standards per annum (26%)
- Over 6,500 standards adopted by countries outside USA
- 52% of sales outside the USA
- Approx 30% of DOD Adopted Industry Standards are ASTMs



Compass- Solidifying/Setting the Stage Today



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

Giving the Marketplace What It Wants



What We Hear / What We Know



- Discoverability has been getting more attention than flexible data formats
- PDF has served needs well but customers want and need more
- Interoperability moving forward is a must
- Not are 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



FABs

STDs
Other
Notes
Annotations
Redlines Advanced

- Inter-Operability of ASTM Content (STS and SWISS tagging schemas)
- Integration/Fine Tuning Collaboration Module (SPEC Builder)*



Compass- Evolving to Transclusion Capabilities



FABs

STDs

Other

Notes

Annotations

Redlines Advanced

– Integration/Fine Tuning Collaboration Model

- Transclusion Syntactical
- Transclusion With Other 3rd 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



A First Class Citizen

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

The screenshot displays the ASTM Compass website interface. At the top, a dark banner reads "Yes, you're in the right place! This is your ASTM subscription and we've just made it better. Have a look around." with a "Close X" button. The main header features the ASTM logo and "ASTM COMPASS[®] Your Portal for Standards, Testing, Learning, & More". A user profile for "ANTHONY MILIC" is visible in the top right, with a dropdown menu containing 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 icon. Below the header is a search bar with the placeholder text "Search topic, title, author, A53" and an "Advanced Search" button. The main content area is divided into several sections: "STANDARDS" (Book of Standards, Journals, Custom Collection, Research Reports, Data Series), "DIGITAL LIBRARY" (Journals, Special Technical Publications, Manuals / Monographs, Data Series), "OTHER CONTENT" (AASHTO, UOP), "TRAINING", "TERMINOLOGY", and "MY TOOLS". The "MY TOOLS" sidebar is highlighted in blue and contains "My Annotations", "My Bookmarks", "My Groups", "Transclusion" (highlighted with a green checkmark), "Standards Shared with Me", and "Product Alerts". At the bottom, there are social media icons and a footer with copyright information: "Copyright © 1996 - 2011 ASTM. All Rights Reserved. ASTM International, 100 Biller Harbor Drive, PO Box C700, West Conshohocken, PA, 19380-2999 USA".

Compass - Transclusion Semantic “Standards as Data”



FABs

STDs
Other
Notes
Annotations
Redlines Advanced

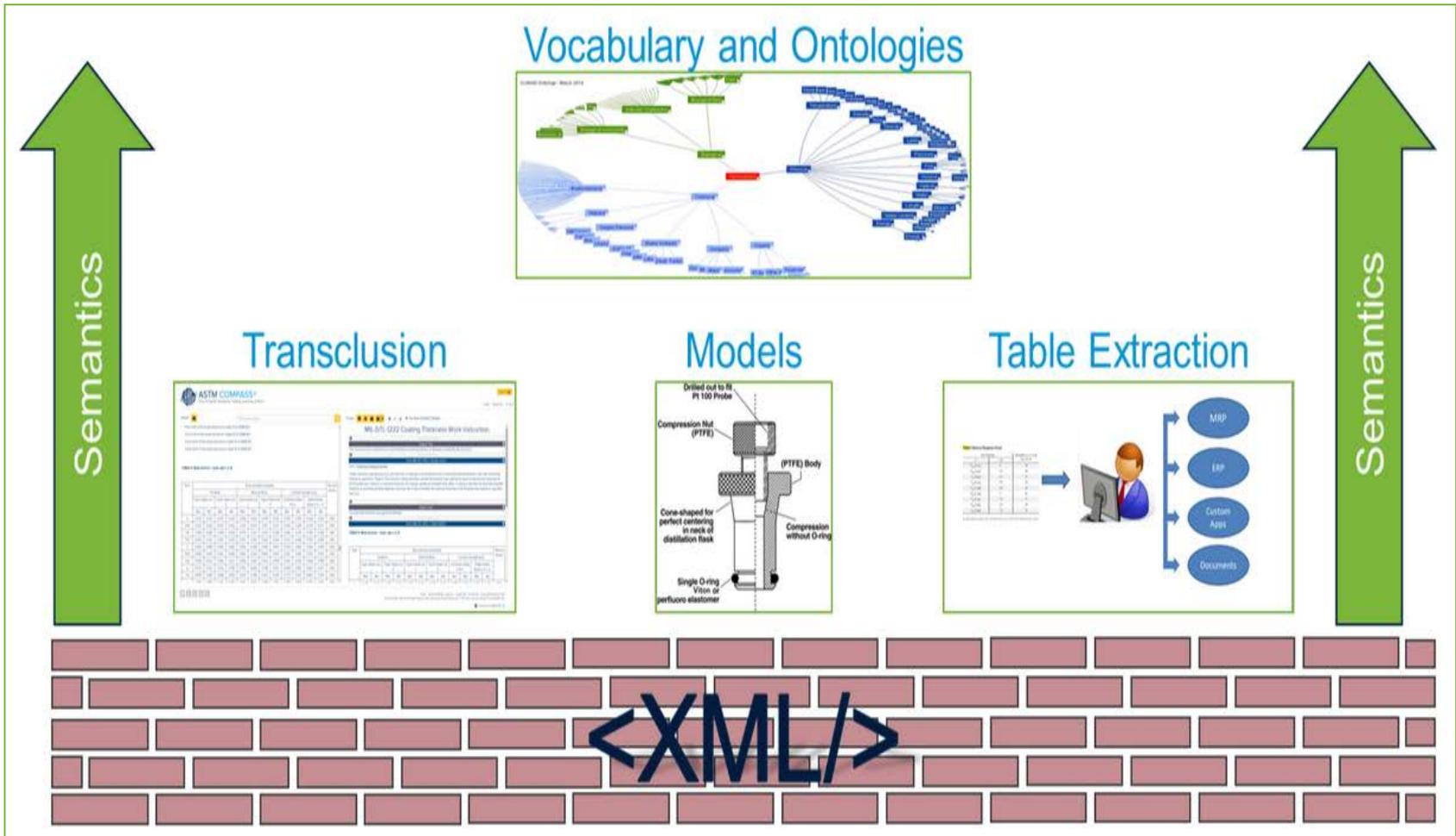
- Transclusion Syntactical
- Transclusion With Other 3rd Party

- Transclusion Semantics

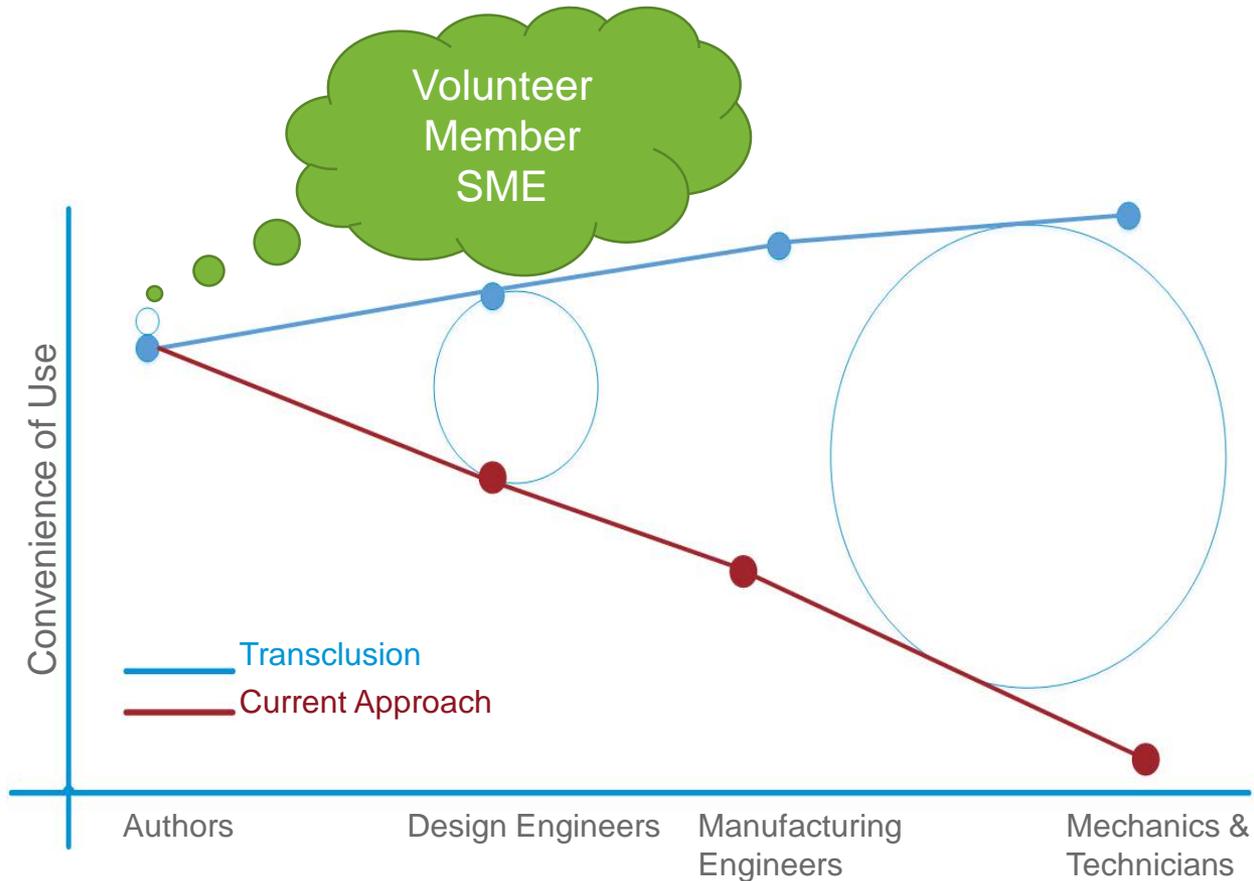
Value

1. Use of XSB Triple Store enabling Semantic searching and functionalities
2. Text and Data Mining
3. Standards as Data
4. Standards as Data Apps

Standards As Data – First Steps



Making Standards More Convenient



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



-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?



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Thank you

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