# Content Standards Workgroup

## Meeting Slides

December 12, 2014

Andy Wiesenthal, chair
Rich Elmore, co-chair

# Consolidated CDA (C-CDA)

December 2014

Brett Marquard

# Setting the stage

Equip WG to:

1. Communicate need and basic use case for Consolidated CDA (C-CDA)

2. Outline C-CDA implementation concerns

3. Locate HL7 support avenues

4. Discuss additional areas for improving interoperability with C-CDA

# Presenter

## Brett Marquard

– Principal, River Rock Associates

– Extensive EHR experience

– Co-Chair of HL7 Structured Documents Work Group (SDWG)

  • Primary author for Consolidated CDA Templates (C-CDA) R1.1/R2

  • Co-editor of new CDA on FHIR, and Data Access Framework (DAF) initiatives

– brett@riverrockassociates.com

# The 'situation' (C32)



C-CDA

# Key Participants



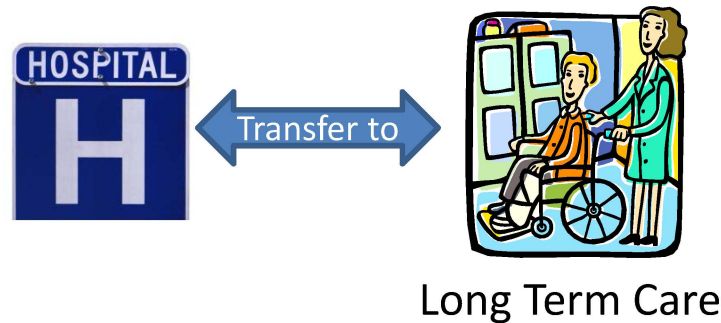Approximately 140 volunteers participating in weekly calls and offline work

# HL7 Consolidated CDA IG R1.1

- C-CDA
- July 2012, Draft Standard for Trial Use
- 9 document templates:

| | |
|---|---|
| Continuity of Care | Operative Note |
| Consultation Note | Procedure Note |
| Diagnostic Imaging Report | Progress Note |
| Discharge Summary | Unstructured Document |
| History and Physical (H&P) Note | |

- 60 document sections
- 82 entry templates
- Containment Tree and Used By Tree

# Sweet Spot of Document and Messages

- Documents enable information exchange across institutions, snapshot in time

HOSPITAL H ←Transfer to→

Long Term Care

- Messages (V2/V3) enable exchange within an institution

REG →Registration (ADT)→ EHR

# C-CDA R2 by the numbers

- 12 Documents (+3 over R1.1) +1 new header template

- 71 Sections (+11)

- 109 Entries (+27)

- 8 templates deprecated

- 108 templates versioned – all marked with V2

- 1,000+ ballot comments

# Additions available in C-CDA R2

- Document types
  - Care Plan including Home Health Plan of Care
  - Referral Note
  - Transfer Summary
- Patient Generated Document header template
- Tighter constraints and new template versioning strategy

# Where are implementations struggling?

# Issues in the field

- <u>Inconsistent</u> implementation[1]
  - Structure
  - Inappropriate terminology
  - Variability in communicating the same information
- Appropriate use of document types
  - 'Everything' is a Continuity of Care Document (CCD)
  - Send me the last 5-years
- Change is coming (C-CDA R2)[2]…

[1]http://jamia.oxfordjournals.org/content/jaminfo/21/6/1060.full.pdf
[2]http://www.healthit.gov/FACAS/sites/faca/files/HITSC_EHRA_C-CDA_Recommendations_2014-11-18.pdf

# Improve C-CDA implementation

- Make it mandatory that every vendor be capable of displaying any CDA document
- More examples
- Test by data domain
  - Confirm 100% conformance with a set of Problem List scenarios before moving to next domain
  - C-CDA documents contain an enormous amount of data and it's easy to get lost coding 'everything'
  - Test against approved examples
- Publish value sets in a public repository (VSAC – in progress)
- Provide a public place to collect issues
- Tighter constraints

# HL7 Support

- HL7 Structured Documents Work Group (SDWG) is responsible for CDA
  - Meets weekly for current ongoing projects
  - Public calls
  - ~25 participants a week
- SDWG examples task force
  - Present your issue and proposal for review
  - 30+ approved authoritative samples
- Help Desk

# Measure (score) progress

*"If you cannot measure it,*
*you cannot improve it."*

Lord Kelvin (1824-1907)

Feedback loop

# Questions

Thank you

Brett@riverrockassociates.com

# Upcoming FACA Milestones

| 2014 Q4 | | | 2015 Q1 | | | 2015 Q2 | | | 2015 Q3 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |

⭐ Joint HITPC/HITSC Meeting

🔺 All workgroups kicked off

⭐ Interoperability Roadmap Recs prior to posting for comment

⭐ Federal HIT Strategic Plan Posted for Comment

⭐ Interoperability Roadmap Posted for Comment and charge WG's with responding

⭐ FACA HIT Strategic Plan Comments

⭐ FACA Interoperability Roadmap Comments

(estimate)

HITPC comments on MU3 NPRM
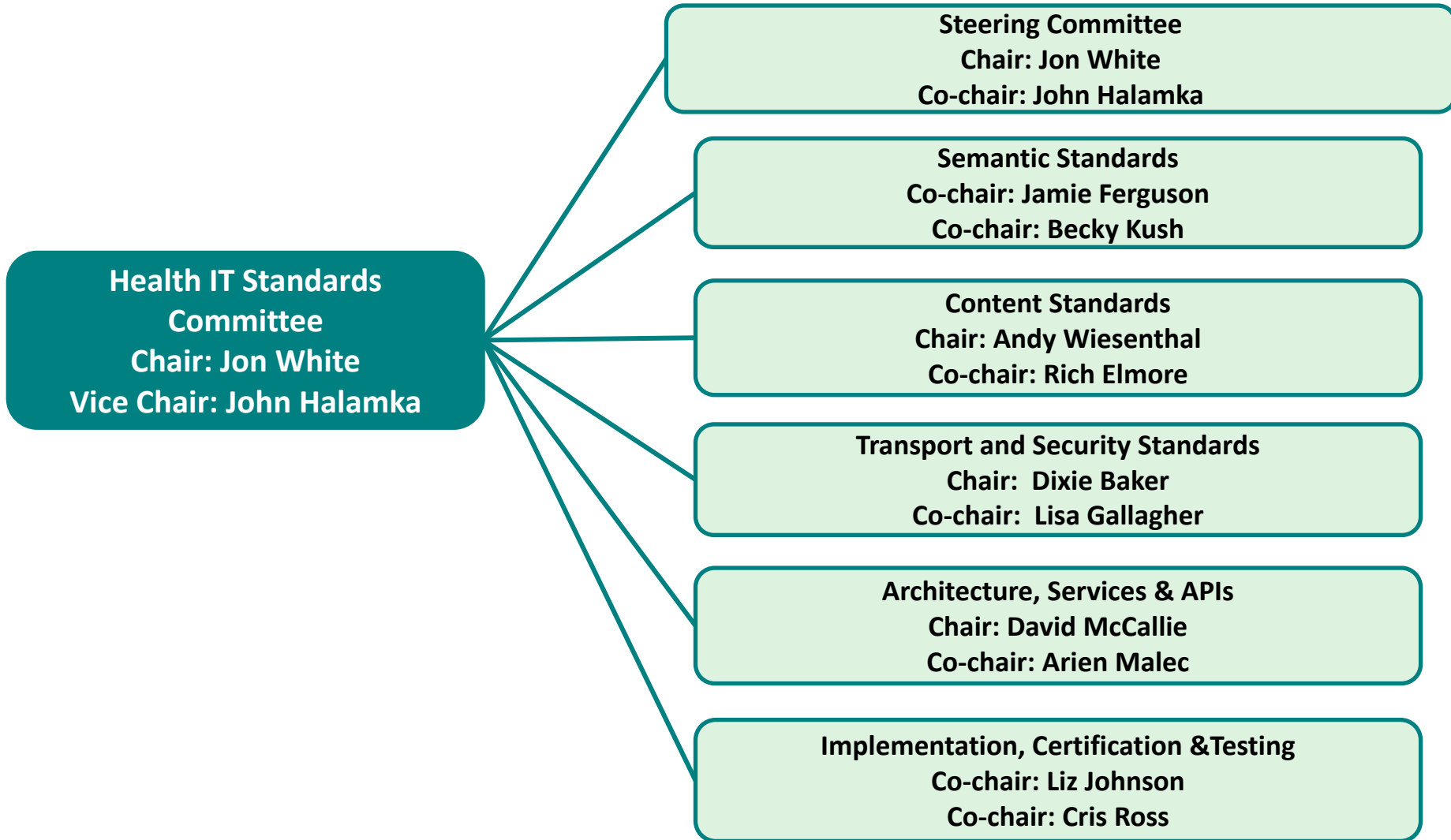HITSC comments on Certification NPRM

🔺 Kick-off       ⭐ Federal Milestone       ⭐ FACA Milestone

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# HITSC Workgroups and Chairs

**Health IT Standards Committee**
**Chair: Jon White**
**Vice Chair: John Halamka**

**Steering Committee**
**Chair: Jon White**
**Co-chair: John Halamka**

**Semantic Standards**
**Co-chair: Jamie Ferguson**
**Co-chair: Becky Kush**

**Content Standards**
**Chair: Andy Wiesenthal**
**Co-chair: Rich Elmore**

**Transport and Security Standards**
**Chair:  Dixie Baker**
**Co-chair:  Lisa Gallagher**

**Architecture, Services & APIs**
**Chair: David McCallie**
**Co-chair: Arien Malec**

**Implementation, Certification &Testing**
**Co-chair: Liz Johnson**
**Co-chair: Cris Ross**

*Task Forces may be formed for specific work assignments

# Content Standards Draft Workplan

| | Meetings | Task |
|---|---|---|
| ✓ | November 24, 2014, 11:00 ET | • Consistent implementation of the CCDA to support interoperability<br>• EHRA presentation |
| → | December 12, 2014, 11:00 ET | • Consistent implementation of the CCDA to support interoperability |
| | January 15, 2015, 11:00 ET | • Interoperability Roadmap background and context (Tentative) |
| | *February 4 or 10 (TBD), 2015 – HITSC Meeting* | • ***Charged by HITSC with responding to the Interoperability Roadmap V.1*** |
| | Feb 18, 2015, 11:00am EST | • Overview of Interoperability Roadmap V.1 and prepare to comment |
| | *February 25, 2015 – HITSC Meeting* | • ***TBD*** |
| | *March 18, 2015 – HITSC Meeting* | • ***Charged by HITSC with commenting on Certification NPRM*** |
| | March 20, 2015 , 2:00pm EST | • Finalize comments on Interoperability Roadmap V.1<br>• Overview of Certification NPRM and prepare to comment |
| | *April 22, 2015 – Joint HITPC/HITSC meeting* | • **Interoperability Roadmap V.1 comments to the HITSC** |
| ★ | Schedule WG meeting for last week in April | • Comment on Certification NPRM |
| ★ | Schedule WG meeting for 2nd week in May | • Finalize Certification NPRM comments |
| | *May 20, 2015 – HITSC Meeting* | • ***Certification NPRM Comments to the HITSC*** |

# Content Standards
# Draft Workplan

| HITSC Workplan - Last Updated December 7,2014 | | | | 2014 | | 2015 | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tasks | Start Date | Due Date | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
| **Content Standards Workgroup** | | | | | | | | | | | | | |
| Workgroup Kick-Off | 10/22/2014 | 10/22/2014 | | | | | | | | | | | |
| Comment on published version of *Interoperability Roadmap TBD* | *TBD - Q1* | *TBD - Q1* | | | | | ▓ | ▓ | ▓ | | | | | |
| Comment on *Certification NPRM TBD* | *TBD - Q1* | *TBD - Q1* | | | | | | ▓ | ▓ | ▓ | | | | |