

Implementing 42 CFR Part 2 – Technical Solutions

Suki Norris, JD



Data Segmentation

What is data segmentation?

The process of sequestering from capture, access or view certain data elements that are perceived by a legal entity, institution, organization, or individual as being undesirable to share.

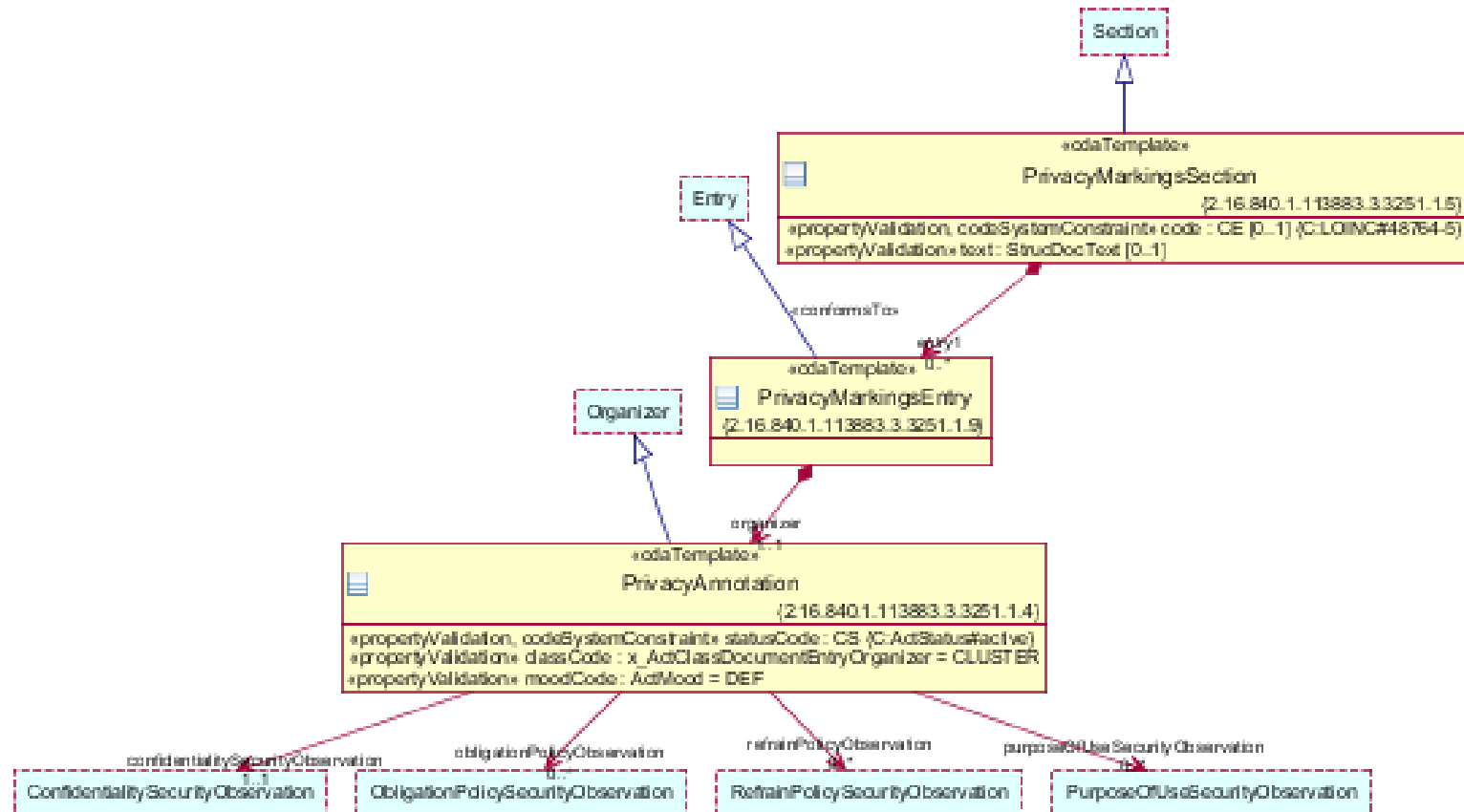
How Does It Work

- Client signs a consent (Patient Consent Directive) limiting disclosure of substance abuse data to only his/her treating provider.
- Agency has a CCD-A that includes both mental health and substance abuse data
- Agency is referring client to another provider what are they permitted to send?

What should the agency do?

- Use HL7 data segmentation together with the CCD-A...but what is HL7
- HL7 is a set of standards, formats and definitions for exchanging and developing electronic health records (EHRs).
- HL7 provides the framework for the CCD-A and the data segmentation in support of protection of data against unconsented sharing.

Data Segmentation for Privacy (DS4P)



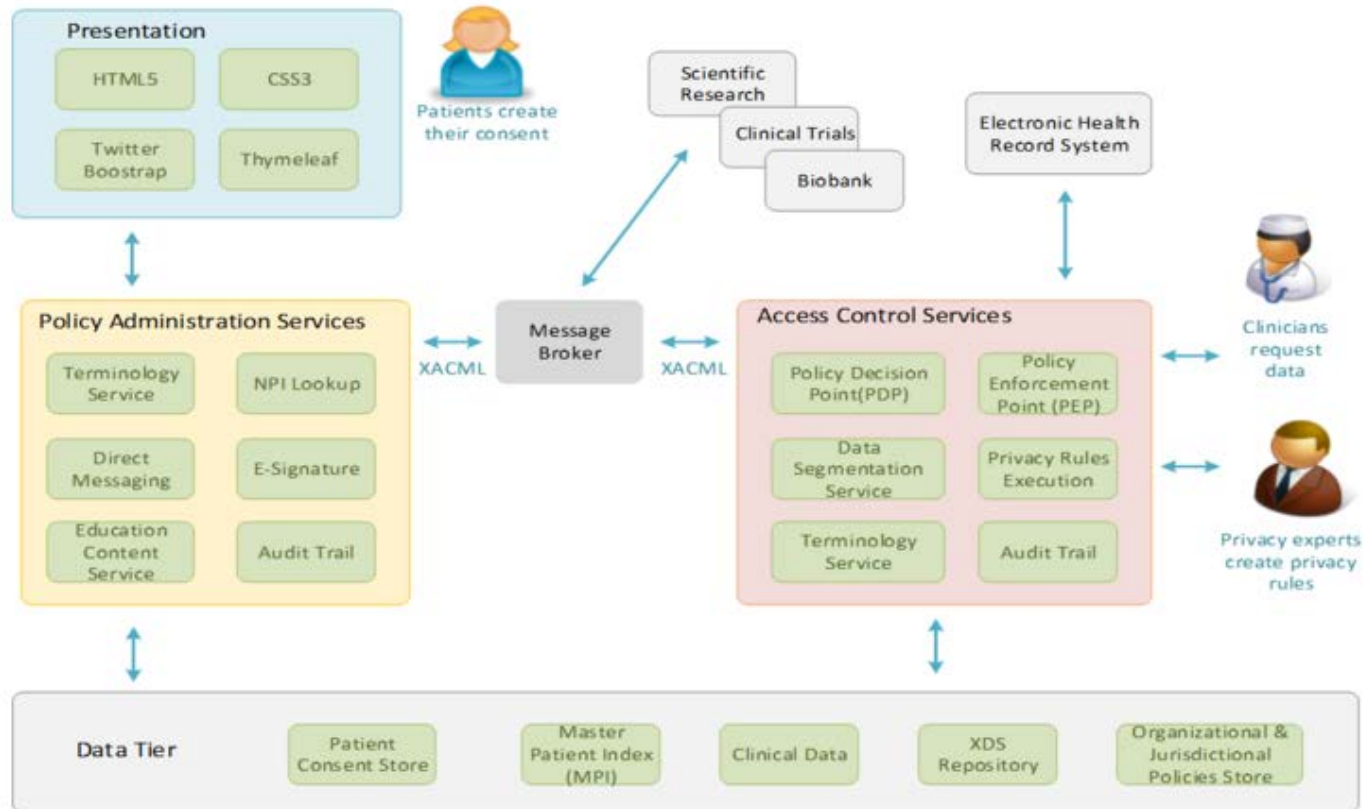
DS4P – In English

- The technical solution applies security labels to a health record (such as C-CDA – Consolidated-Clinical Data Architecture)
- Data may be tagged at the document-level, section-level or individual data element-level.
 - Is there consent for the C-CDA (document level)
 - Is there consent for the Substance Abuse data (section level)
 - Is there consent to share a specific diagnosis such as AIDS (element level)
- The C-CDA must include the data sharing restrictions.

Is That Our Only Choice?

- ***Consent2Share***
 - Increase the inclusion of behavioral health data in HIE
 - Joint project between SAMHSA and ONC
 - Patient Portal where patients can learn about and manage consent options
 - Alternative is to integrate into existing EHRs

Consent2Share - Technical Design




Maybe This is Easier

P(Mfcp1)[1]

Consent 2 Share

Patient Medical Record	CDA
✓ Conditions Migraines Allergies	
✓ Medications Ibuprofen Acetaminophen Loratadine	
✓ Procedures Root Canal	

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Questions

