

CDA in the National Programme

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Data Standards and Products

NHS Connecting for Health



Overview

Why CDA

Critical Success Factors

Business Direction

Technical Direction

Deployment

Why CDA?

Stable and implementable standard needed

Supplier readiness to provide fully coded clinical messages using SNOMED CT

Maturity of some aspects of HL7 V3 (non CDA)

Terminology binding

Need for text alongside coding

Route to fuller coding needed as Spine develops

Critical Success Factors

Supplier Commitment

Must be a standard implementation of CDA

Need HL7 templates to constrain

Need tooling to define templates

Need tooling to validate messages against templates

Need an agreed strategy for coding

Supplier Commitment

Clinical Messaging Architecture Steering Group (CMASG)

- iSOFT
- Cerner
- BT NASP
- Logica
- CSC
- BT LSP
- Fujitsu

Unanimous support for the CDA route

Business Direction

PSIS (central EHR repository) is now a CDA store

- Publication of spec through the CFH Message Implementation Manual (MIM)

Suppliers will be requested to code Medications,
Allergies and Adverse Reactions as a minimum

Phased and managed increase of coding needed

Other categories of coding will be agreed with suppliers
(CMASG)

Business Domains

2008a

- Discharge Summaries
- Emergency Department
- Outpatient

Beyond (under discussion)

- DI Reporting
- Common Assessment Framework
- etc

Technical Direction

New RMIM designer, based on MIF

Constrained CDA schema

Defined our implementation of HL7 templates

Use RMIMs to define templates

Transform templates into compliance schemas

Substantial current and planned tooling
investment

Tooling Initiatives

HL7 Tooling Collaborative

Eclipse Healthcare

Open Source Strategy

Integration with Terminology tooling

- International SNOMED Development Organisation

Further work

Finalising HL7 templates specification with HL7

More domains

More templates

How we manage the configuration of the Spine
with templates

Tooling investment

Conclusion

Standards are a cornerstone of the CFH work
CDA gives us a flexible and stable standard for
developing clinical communications with coded
information

Suppliers are committed to this route

Tooling and technical infrastructure essential

Deployment through the Spine in 2008