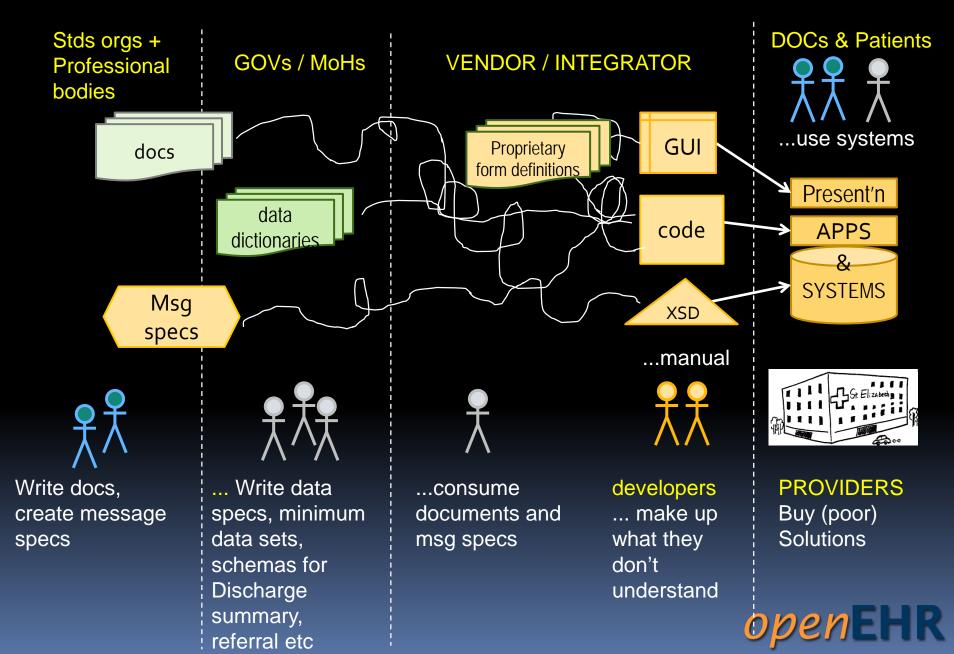


THE OPENEHR KNOWLEDGE DEVELOPMENT TOOLCHAIN

http://www.openEHR.org

Current Industry Structure

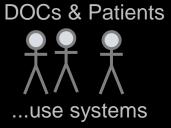


Current Industry Structure

Stds orgs + Professional bodies

GOVs / MoHs

VENDOR / INTEGRATOR





non-computable



Present'n Poor Interoperability

...manual



Write docs, create message specs



... Write data specs, minimum data sets, schemas for DS, referral etc



...consume documents and msg specs

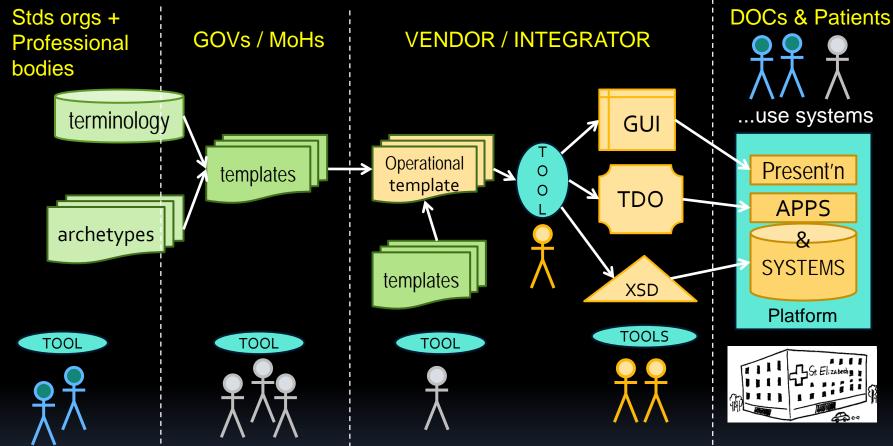
what they don't understand

PROVIDERS Buy (poor)

Solutions



openEHR approach



build archetypes & terminology that define their Information – e.g. via IHTSDO ...build templates and issue as standards e.g. Discharge Summary

...consume std templates and create their own, making OPTs developers
build
SOLUTIONS
based on
the platform

PROVIDERS buy

buy Solutions

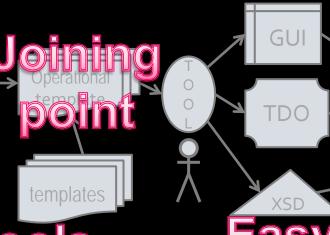
openEHR

openEHR approach

Stds orgs +
Profession
bodies

GUARANTEED SEMANTICS
GOVS / MoHs VENDOR / INTEGRATOR

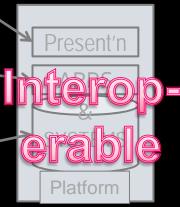




DOCs & Patients



...use systems



TOOL

Standard tools



build archetypes And terminology that define their Information – e.g. via IHTSDO



...build templates and issue as standards e.g. Discharge Summary



Developm



...consurch developers std tempers leaper, create their own, SOLUTIONS making OPTESTE sed on the platform

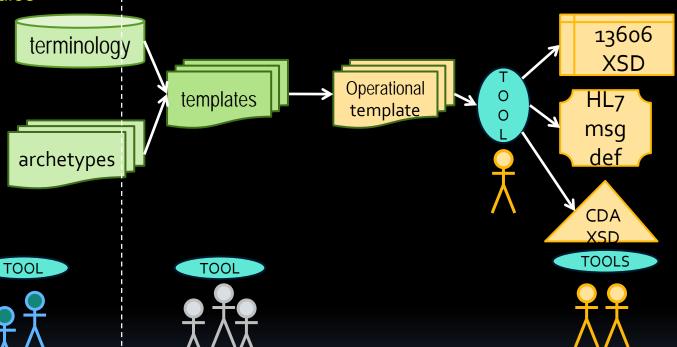
PROVIDERS buy Solutions



Approach to standards

Stds orgs + Professional bodies

GOVs / MoHs



build archetypes & terminology that define their Information – e.g. via IHTSDO

...build templates and issue as standards e.g. Discharge Summary Generate concrete form for dissemination to industry



Key Outcomes

- Normal developers can engage openEHR +
 Snomed become economic and ~quick
- Semantic connection exists between definitions and implementations
 - □ → now we know what the meaning of data are, and Decision Support and Business Intlligence can work...
- Concrete standards like HL7 message definitions, CDA schemas, standard UI formats are DOWNSTREAM generations of operational templates



Key Requirements

- Operational Template is joining point
- Tooling is key
- Portable querying language is available; also needs more tooling



openEHR tools

