

UK Terminology Centre

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(UKTC)

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Logical Record Architecture

Implementation

Current Big Ticket items

IHTSDO



International Health Terminology Standards Development Organisation

- Formed March 2007
- Acquired SNOMED CT IPR April 2007, combining CAP and NHS IPR
- College of American Pathologists (CAP) the service provider
- First public meeting May 2007
- Committees first met August 2007
- Project groups first met October 2007
- Changes in request and release mechanisms
- New tooling platform

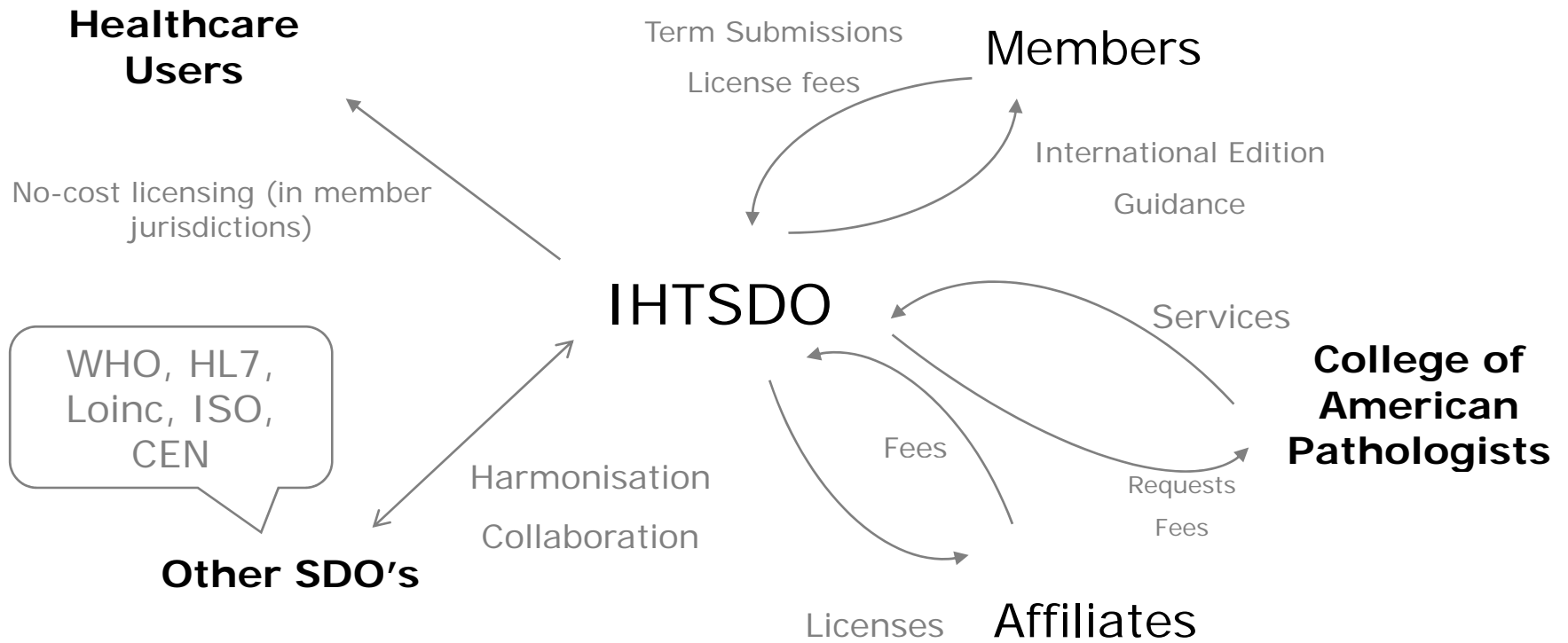
www.ihtsdo.org

IHTSDO Vision

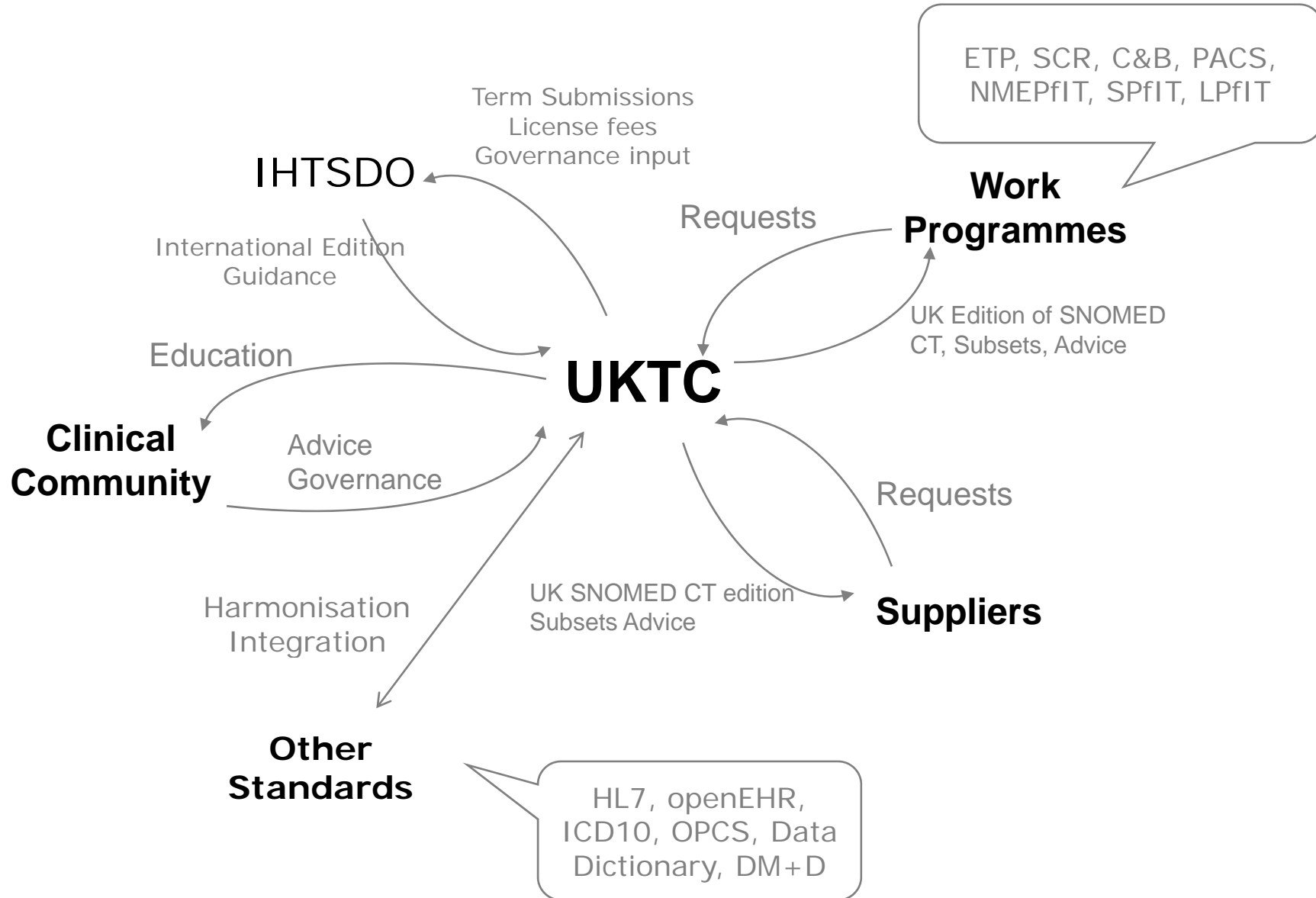
The IHTSDO® seeks to improve the health of humankind generally by owning, distributing, operating and developing suitable health terminology products.

This improvement is to be achieved through the sharing of more accurate clinical and related health information, allowing the implementation of semantically accurate health records that are interoperable. Support to Association Members and Licensees is to be provided on a global basis allowing the pooling of resources to achieve shared benefits.

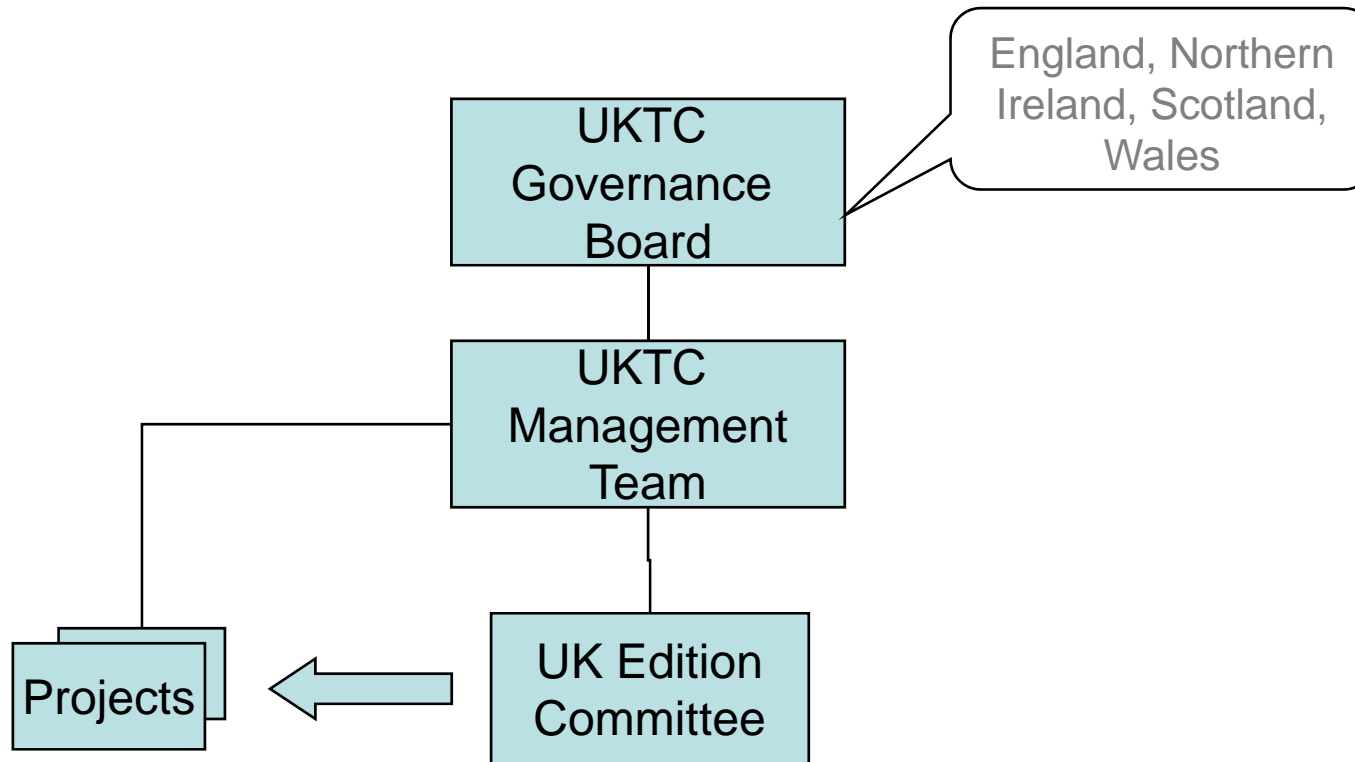
IHTSDO in Context



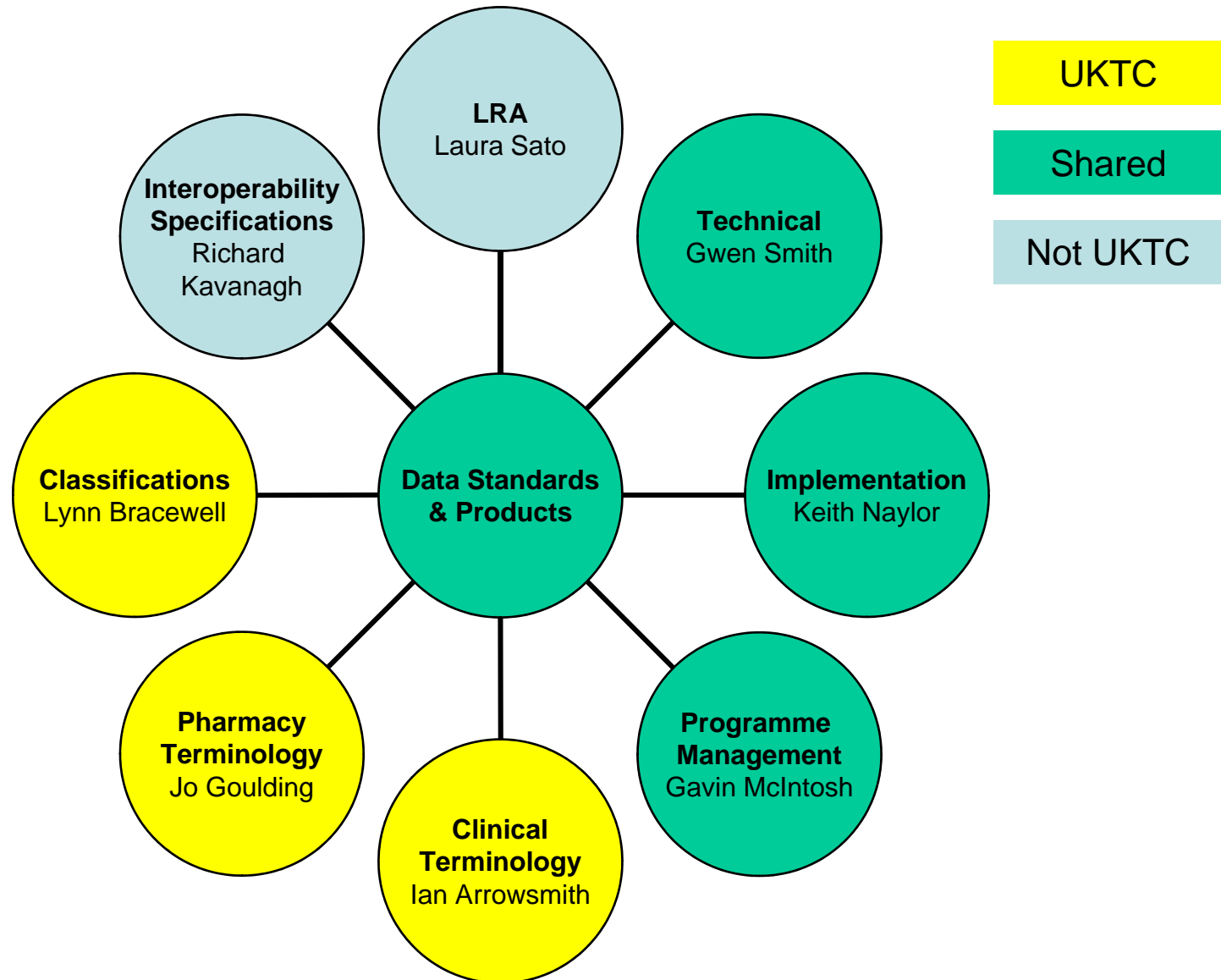
UKTC Context



UKTC Governance



UKTC is hosted by Data Standards and Products



DS&P Products

Terminologies

- Read
- CTV3
- SNOMED CT
- dm+d

Classifications

- OPCS
- ICD10
- Cross maps

Data Dictionary

Messaging

- HL7 V3 for Spine
- CDA + Templates
- Commissioning Data Sets

Content Modelling

- Clinical Archetypes (CEN13606)
- Content models for suppliers

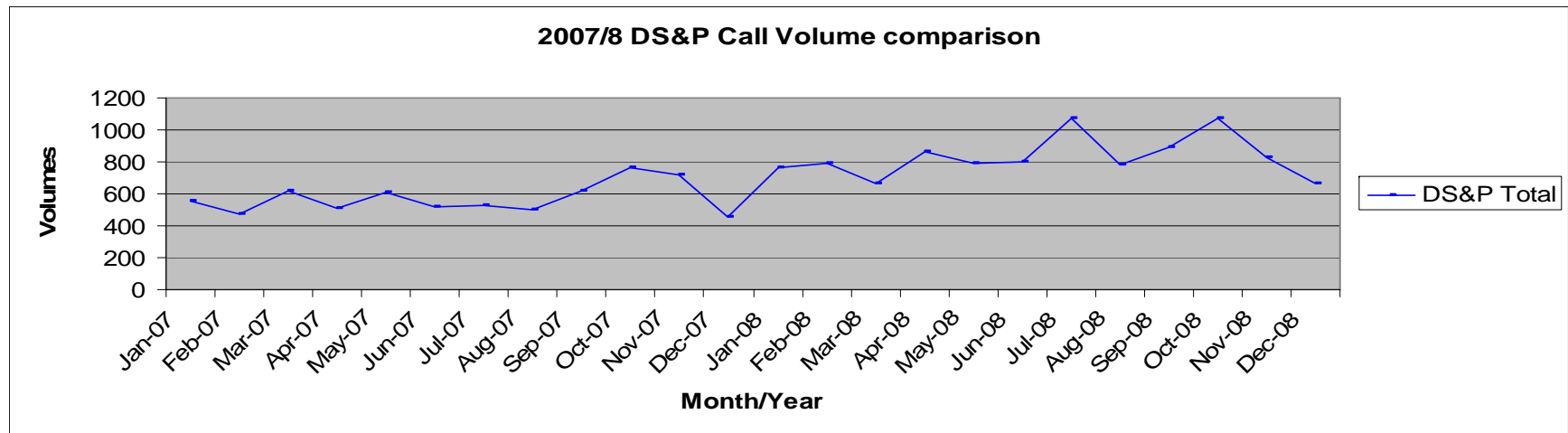
Common User Interface

DS&P Help Desk Queries January '07 – December '08



	Jan-07	Feb-07	Mar-07	Apr-07	May-07	Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07	2007
Classification	254	223	256	239	282	240	252	243	207	308	298	192	2,994
Clinical	84	77	157	88	83	90	66	64	128	156	88	61	1,142
DIP	1	4	4	4	5	8	4	4	3	5	4	5	51
DMDS	174	128	155	135	190	133	171	160	246	239	253	140	2,124
Pharmacy	10	7	7	4	5	6	4	4	4	8	11	4	74
SNOMED	30	34	42	39	43	40	32	28	34	51	67	47	487
Technical	0	0	0	0	0	0	0	0	0	0	0	6	6
DS&P Total	553	473	621	509	608	517	529	503	622	767	721	455	6,878

	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08	2008
Classification	305	346	247	432	370	411	608	454	534	611	445	373	5,136
Clinical	75	116	66	85	106	92	108	65	70	112	107	60	1,062
DIP	5	2	8	8	5	7	9	2	8	4	6	7	71
DMDS	295	219	188	204	192	151	217	182	167	259	165	163	2,402
Pharmacy	7	16	13	14	37	32	21	6	6	9	17	10	188
SNOMED	70	41	17	30	18	17	23	13	21	14	21	10	295
Technical	5	53	126	94	67	94	84	63	87	68	69	39	849
DS&P Total	762	793	665	867	795	804	1070	785	893	1077	830	662	10,003



Product Release Statistics for Clinical Terminology/SNOMED

The Concept totals for April 2009 are:

UK Extension	38,938
UK Drug Extension	194,154
Core	386,965

The number of concepts added to the UK extensions over the period '07 – present:

Release	Clinical	Drug
Apr 07	908	5,556
Oct 07	1,405	7,101
Apr 08	3,420	15,313
Oct 08	3,012	11,948
Apr 09	11,272	13,772

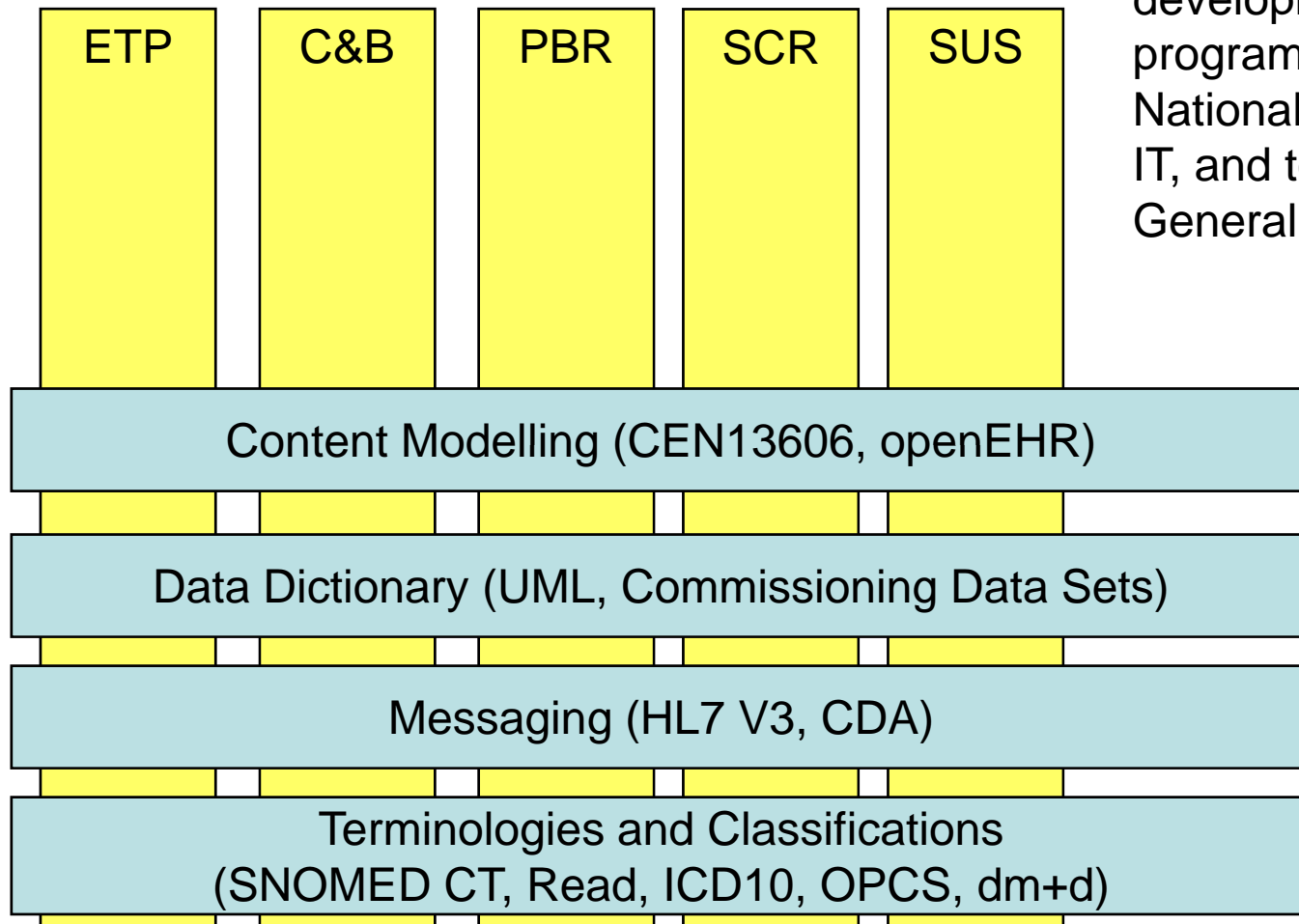
(The April 2009 figure includes about 9000 concepts 'demoted' from the core which is why it is out of proportion to the other releases)

Data Standards and Products in the National Programme



DS&P provide a broad range of services to all development programmes in the National Programme for IT, and to the NHS in General

Development Programmes

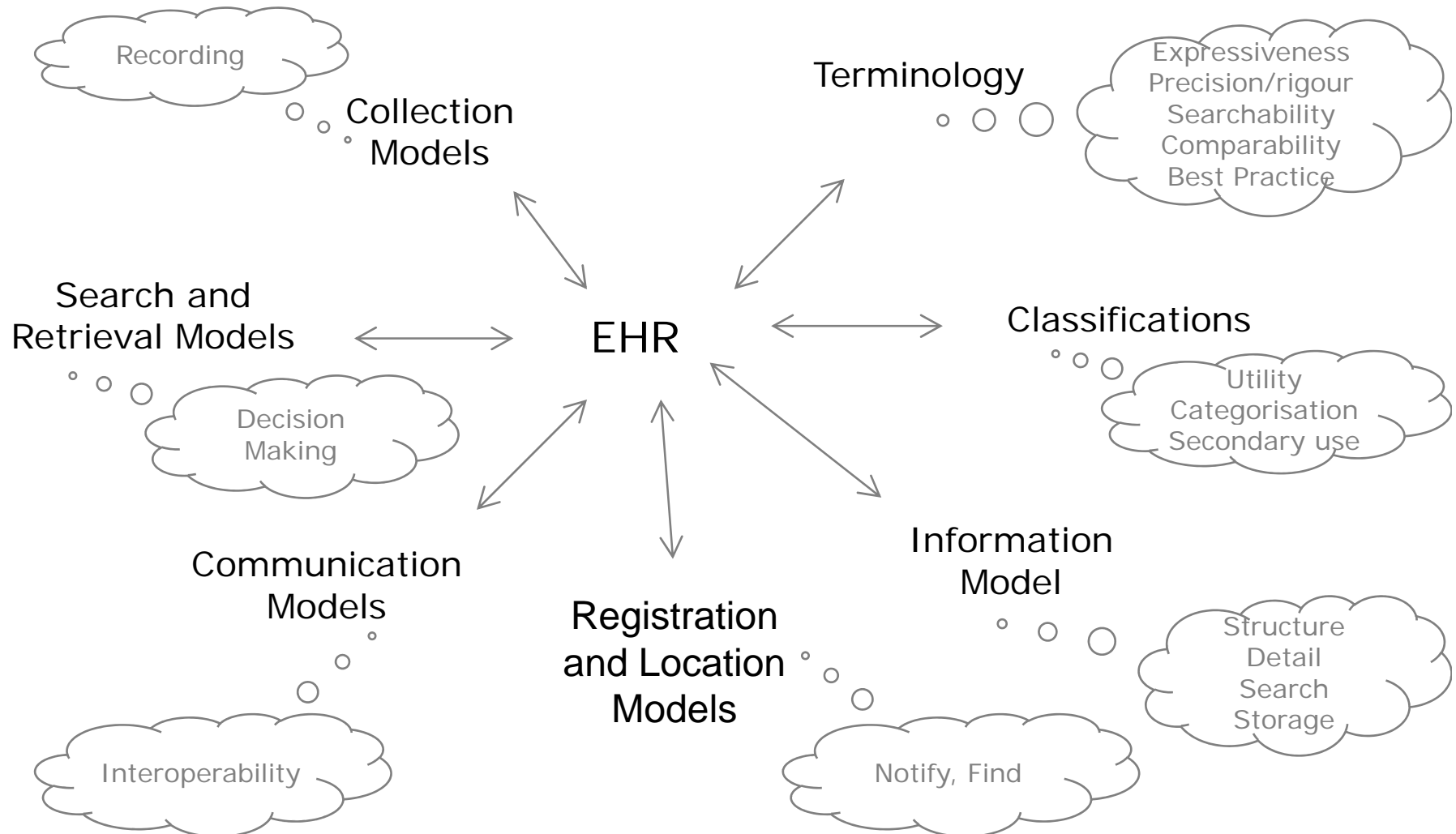


Data Standards And Products

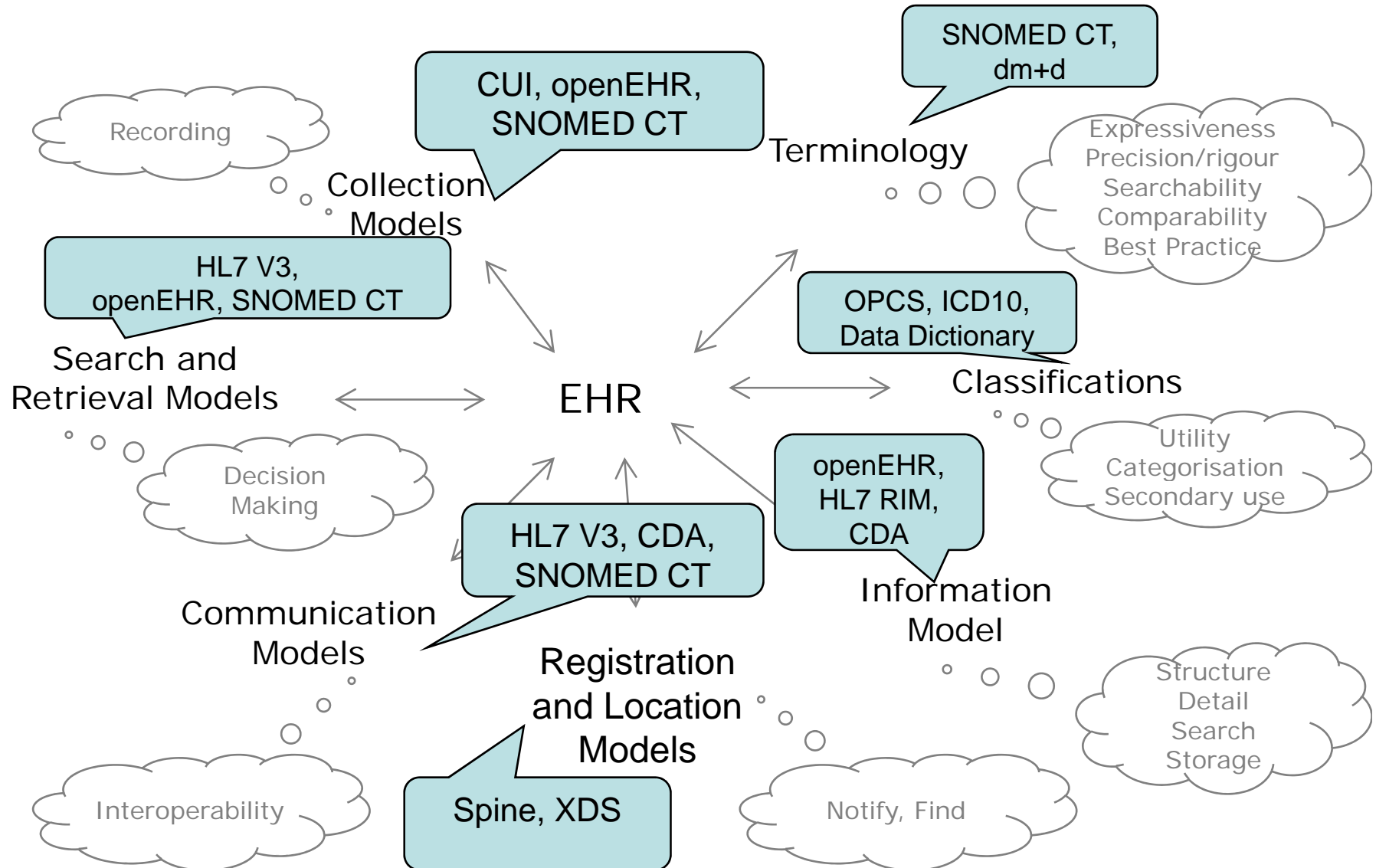
DS&P Mission

To develop, maintain and support a comprehensive range of clinically-related data standards that effectively support healthcare within the NHS in an integrated and holistic manner, facilitating the delivery of a full longitudinal healthcare record for patients that can support a diverse set of secondary uses.

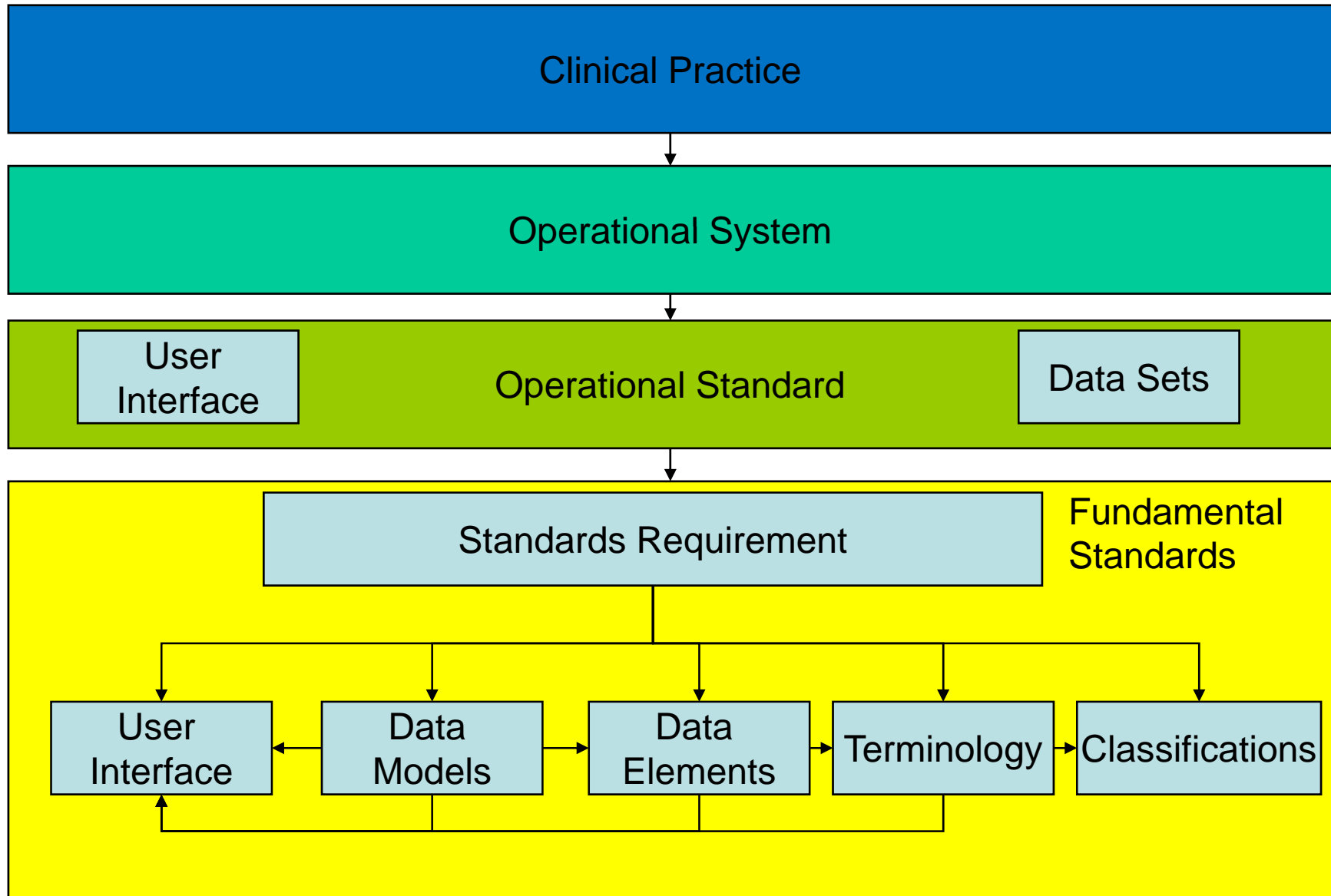
Standards in the context of an EHR



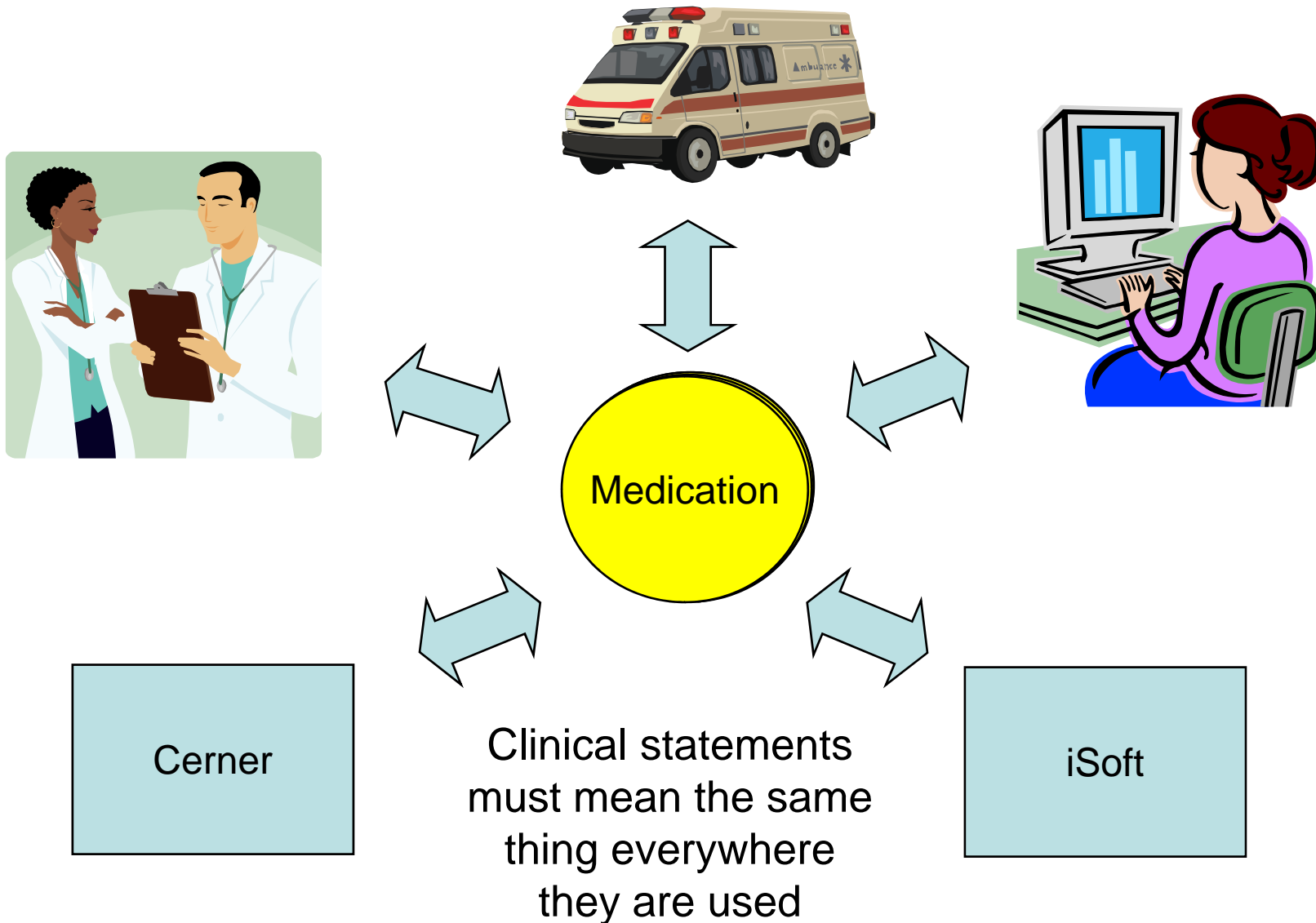
Standards in the context of an EHR



An architectural framework for standards



The semantic challenge



Big Ticket Items

Implementation

Electronic Licensing and Distribution (from June 2007)

SNOMED CT Road Map and ISB submission

dm+d secondary care and ISB submission

Tooling platform

Content Modelling using openEHR with terminology
binding

Online request submission

UI

Clinical Network

Conclusion

UK governance established

UK operations already mature, but now aligned to new governance structures

UKTC positioned in context of related standards

Productivity improvements through process and tooling

Initiatives in place to drive adoption and remove road blocks