

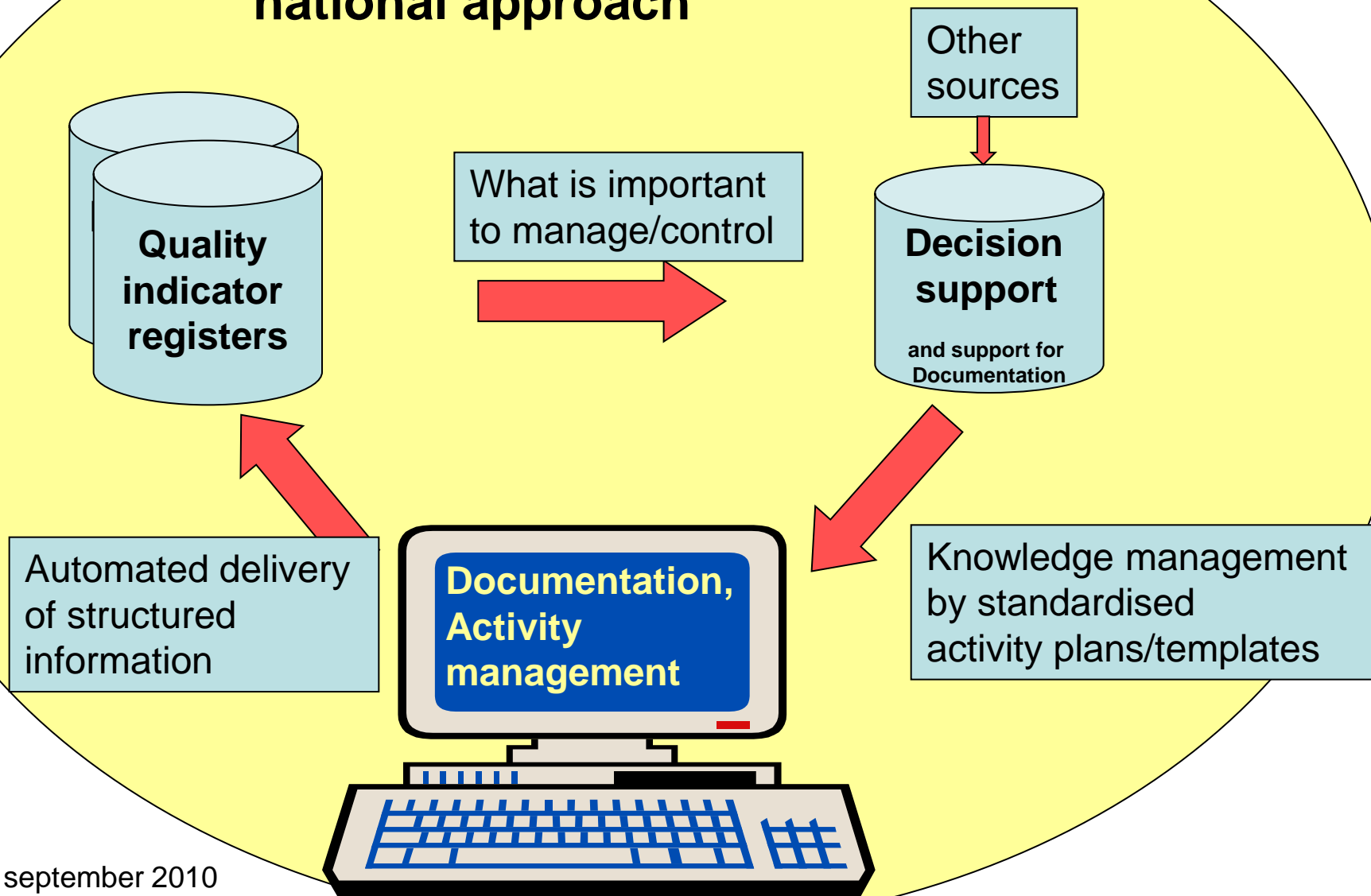
HelsIT 2010

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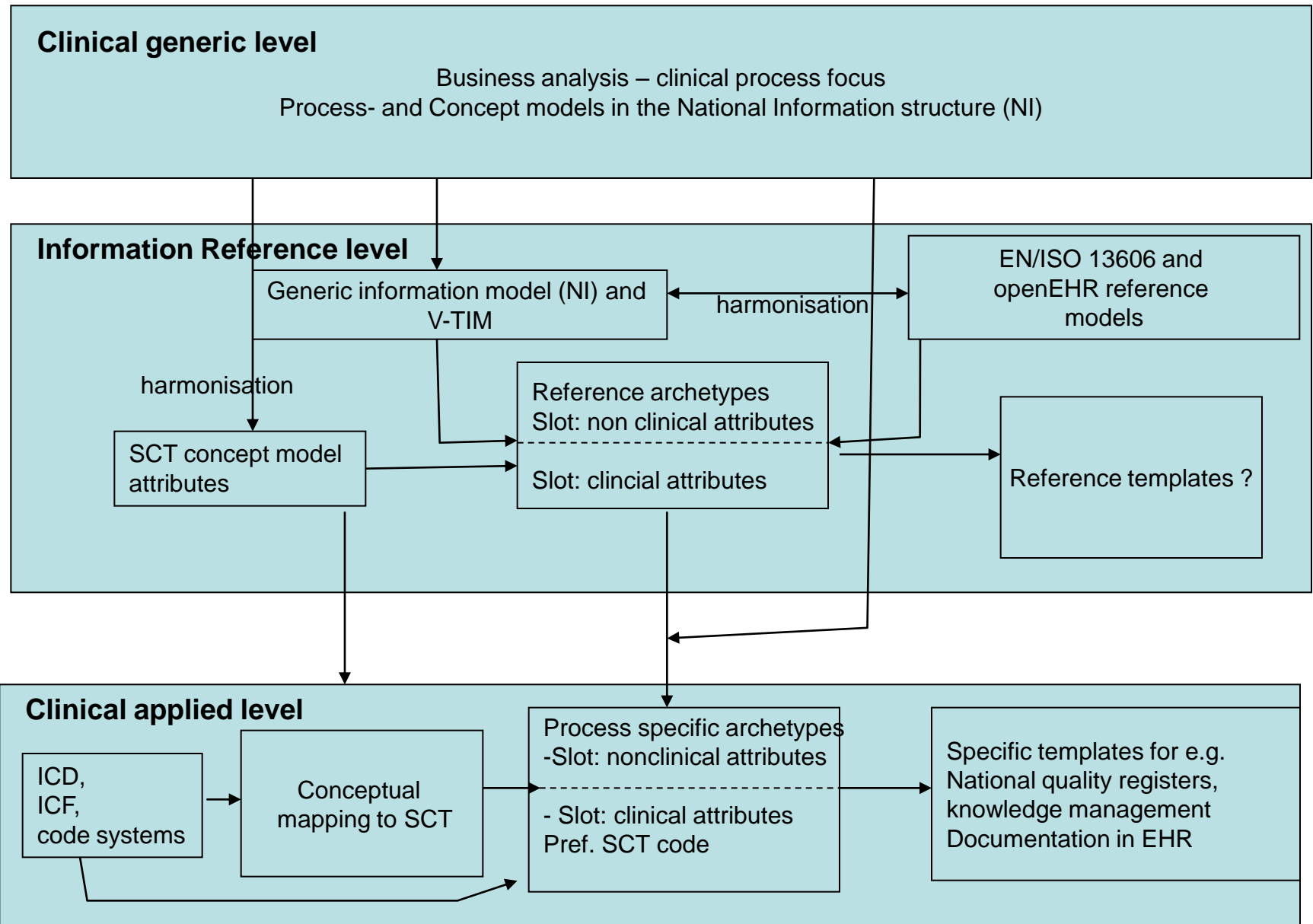
- IT-support 2010 –
clinical comprehensiveness in 3 perspectives
- Strategy to get there –
the Swedish 3-layer approach

Comprehensive clinical IT-support based on a common 3-layer national approach



Strategy for comprehensiveness

- 3 perspectives all based on explicit business models – traceability to the ***clinical context***
- Reference information models with the clinical process in focus – health conditions, health care activities and the interaction between the patient and the professional – traceability to the ***clinical content*** –
(not only activity management, administration and flow)
- Care provision, follow up and knowledge process management covered and connected in a seamless flow based on explicit generic business models and common explicit information reference models



The Swedish 3-layer approach

1. Clinical generic level
 - Analysis of the core processes
 - Analysis of the information needs
 - Generic Process model
 - Generic Concept model; prEN 13940-2 harmonised

2. Information reference level
 - Generic information model and Applied information model (V-TIM); EN13606 and openEHR harmonised)
 - SNOMED CT concept model attributes
 - Reference archetypes (structure based on ICF and SNOMED CT)
 - Reference templates

3. Clinical applied level
 - Clinical process specific archetypes
 - Clinical process specific templates
 - Archetype specific terminology binding (SNOMED CT, ICD, ICF ...)

The Swedish generic clinical process model

