



# Requirements for a knowledge base for clinical decision support systems to be used in medication related processes

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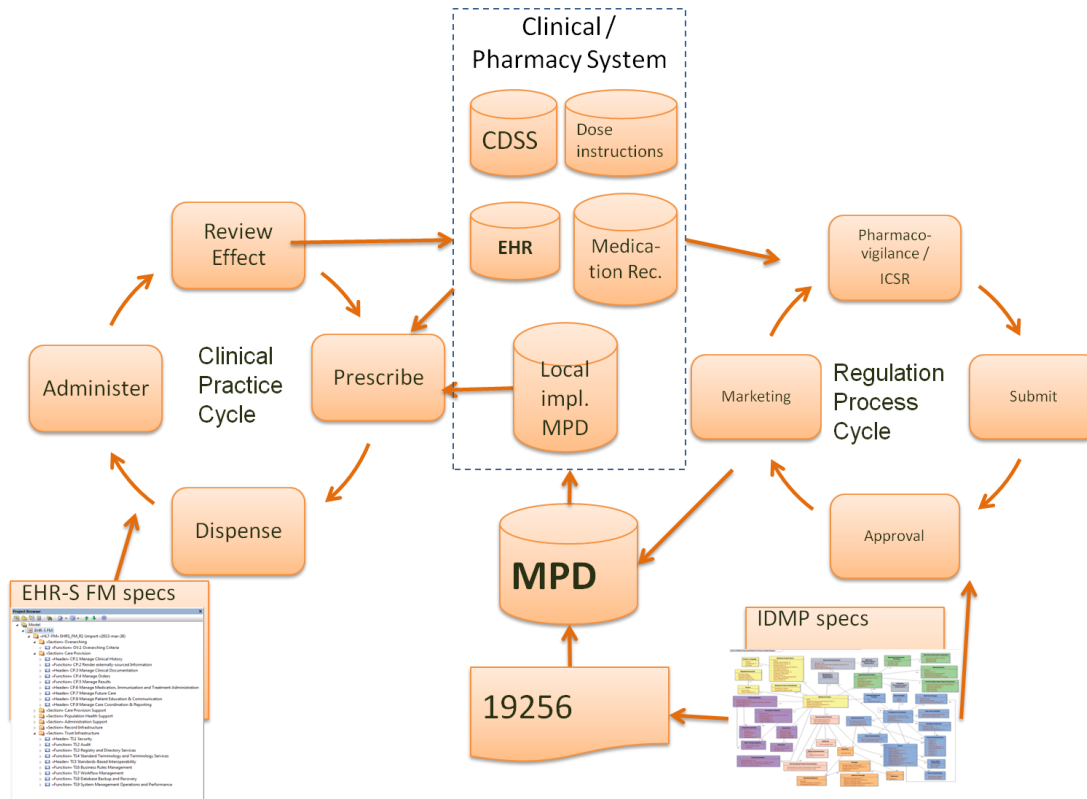


# What

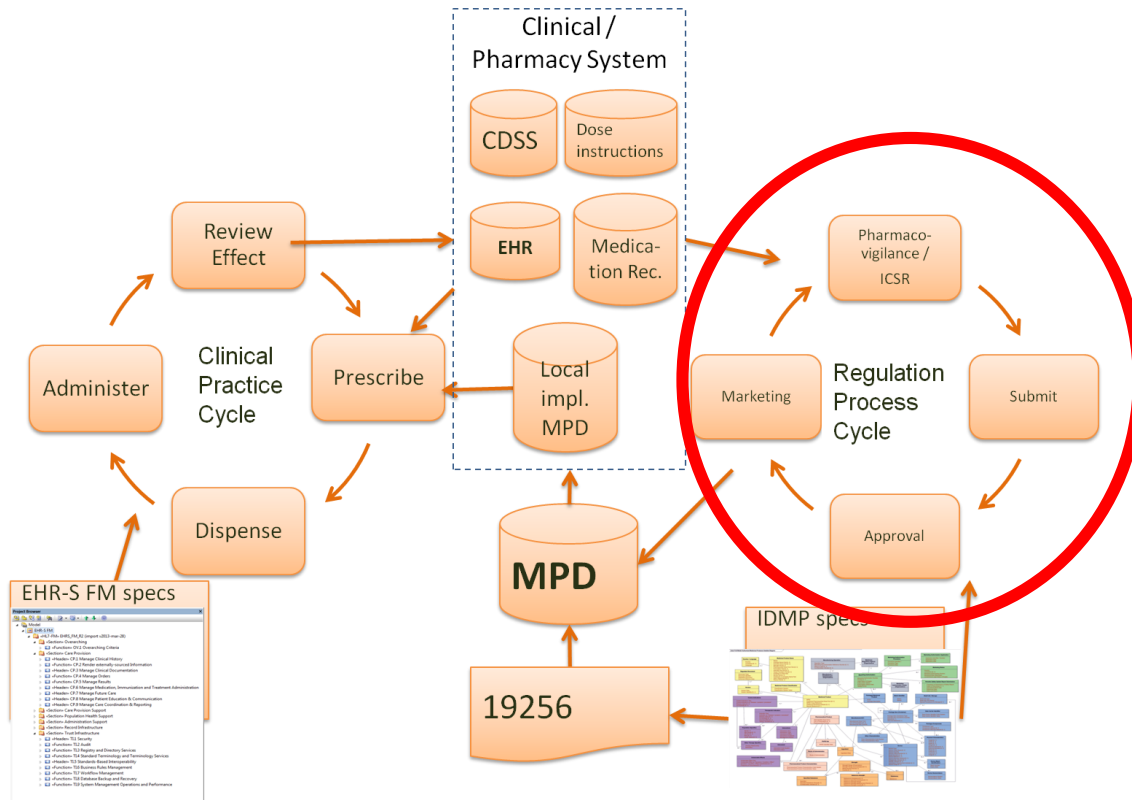
- A Technical Specification
- About the process how to develop a knowledge base for decision support



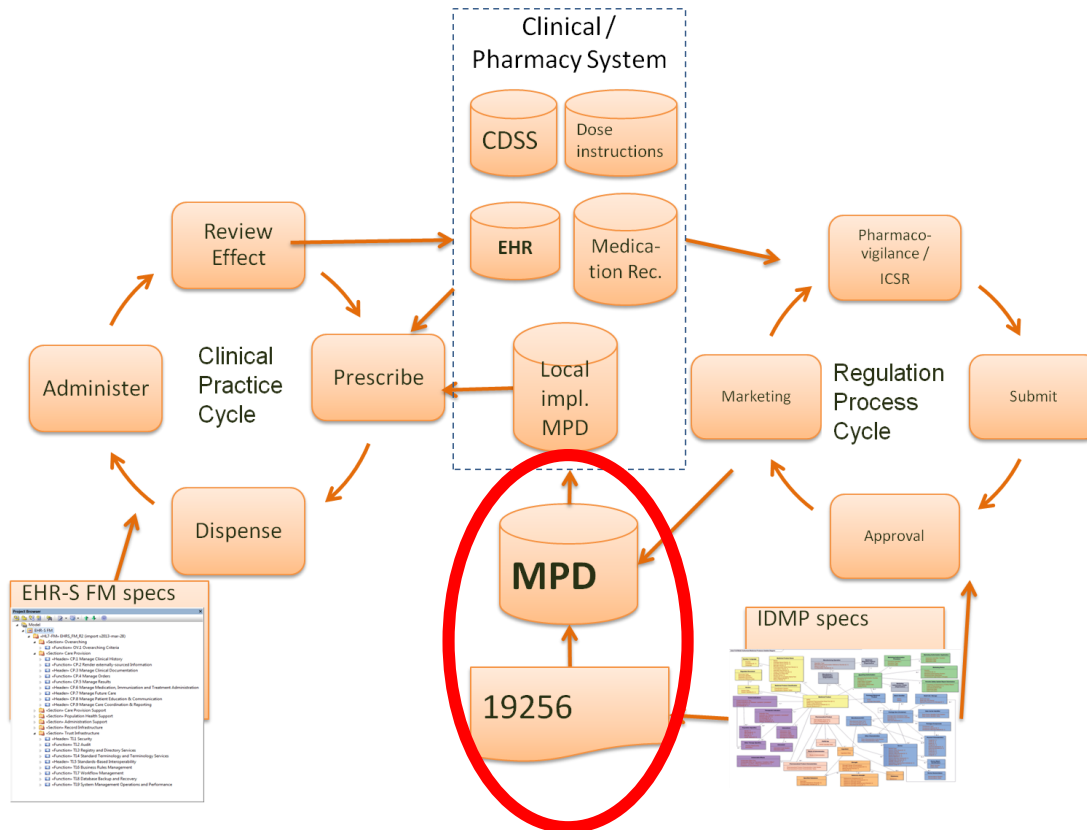
# Why



# Why

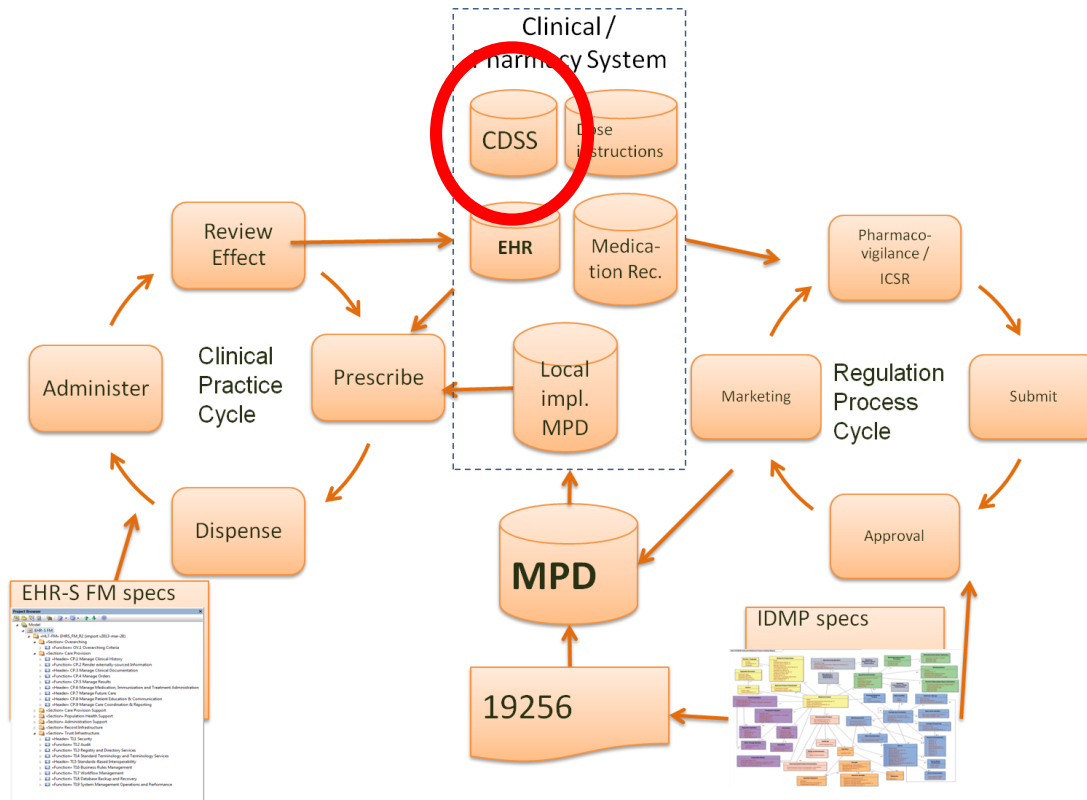


# Why





# Why is it



## Where are we now

- 0.5 from 3 years underway
- Introduction/scope is finalized
- Draft version of requirements
- Aim is to have a first complete draft version for ISO WG6 in september



# Context

Context: from a broad perspective to the specific topic of this TS:

- What is decision support in general
- Decision support for drug related problems
- Decision support consist of a knowledge base and a CDSS
- Focus is *knowledge base for drug related problems*
- Relation with other parts of an healthcare info system (EHR, MPD etc)





# Scope

## *In scope:*

- Rules to enhance decisions/actions in drug related problems that cohere with the intended drug use.
- To be used by all kinds of health care professionals.
- Every setting of care or cure
- Which is a repository of evidence/practice bases rules, assessed by experts
- To be complementary c.q. on top of an MPD

## *Out of scope:*

- To describe the exact content of a knowledge base
- The requirements for a clinical decision support *system*
- To describe requirements for knowledgebases other than related to medication



## Requirements (1)

- Type of the rules
- Assessment of the data
- Evidence for the rules
- Variables used in the rules
- Information available for the hcp
- ‘right time’ and ‘right format’



## Requirements (2)

- Structure of the rules (flexible and standardized)
- Interface with other parts of a healthcare system:
  - Map set with controlled vocabulary for diagnosis, lab results etc
  - Link with MPD on several hierarchy levels