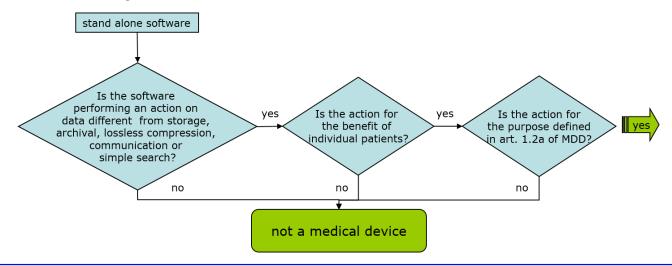


Challenges to clinical decision support

- mental
 - necessity or imperative not recognized (fatalistic attitude towards risk/suffering)
 - factual incomprehension (don't understand it)
 - emotional refusal (don't want it)
 - insufficient endorsement (don't do it)
- clinical
 - too simplistic or insufficient quality (lack of content quality)
 - lack in workflow integration (lack of process quality)
- technical
 - lack in structured patient data
 - insufficient data/semantic interoperability (data and terminology standards)
- financial
 - insufficient funds (often not true!)
- ⇒ How to overcome these barriers? By clinically useful solutions.

Regulatory affairs I

- stand-alone software
 - Meddev 2.1/6: Guidelines on the qualification and classification of stand-alone software used in healthcare within the regulatory framework of medical devices (MDs) (January 2012)



Regulatory affairs II

- MDD 93/42/EEC
 - amended by Directive 2007/47/EG (21 September 2007)

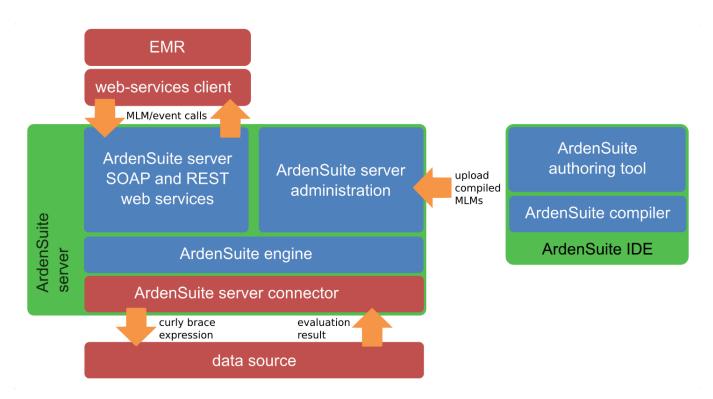
Article 1, Paragraph 2a (art. 1.2a of MDD):

Medical device (MD) means any instrument, apparatus, appliance, **software**, material or other article, whether used alone or in combination, ... intended by the manufacturer to be used for human beings for the purpose of:

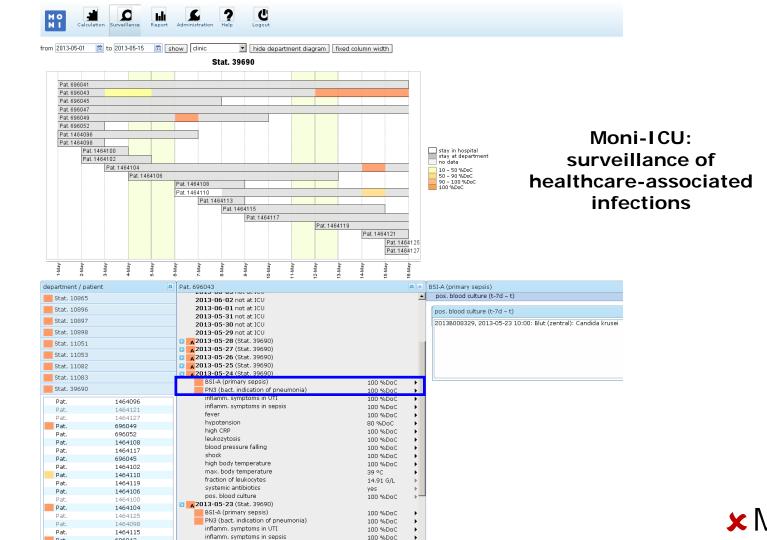
- diagnosis, prevention, monitoring, treatment, or alleviation of disease
- **–** ...

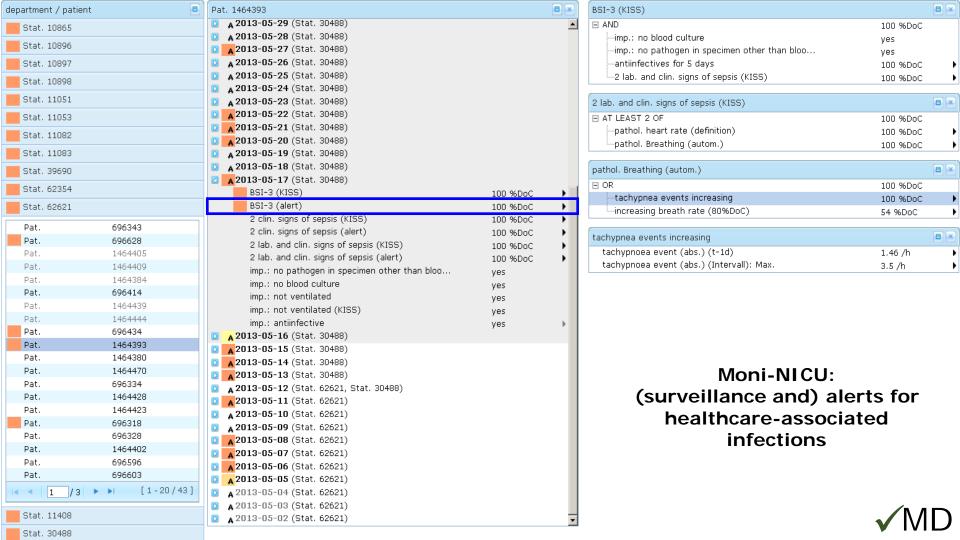
medical device

ARDENSUITE software: generic technology platform for clinical decision support









We offer the following ARDENSUITE software licenses:

- Educational license for teaching purposes (ARDENSUITE IDE)
- Research license for research and teaching purposes, (ARDENSUITE IDE, server, and server connector), also as campus license.
- Healthcare license for patient care (ARDENSUITE IDE, server, and server connector/EMR interoperability), also as site or enterprise license for health systems.
- Health IT license for vendor product integration/B2B (ARDENSUITE IDE, server, and server connector/API interoperability), also as annual all-in license.