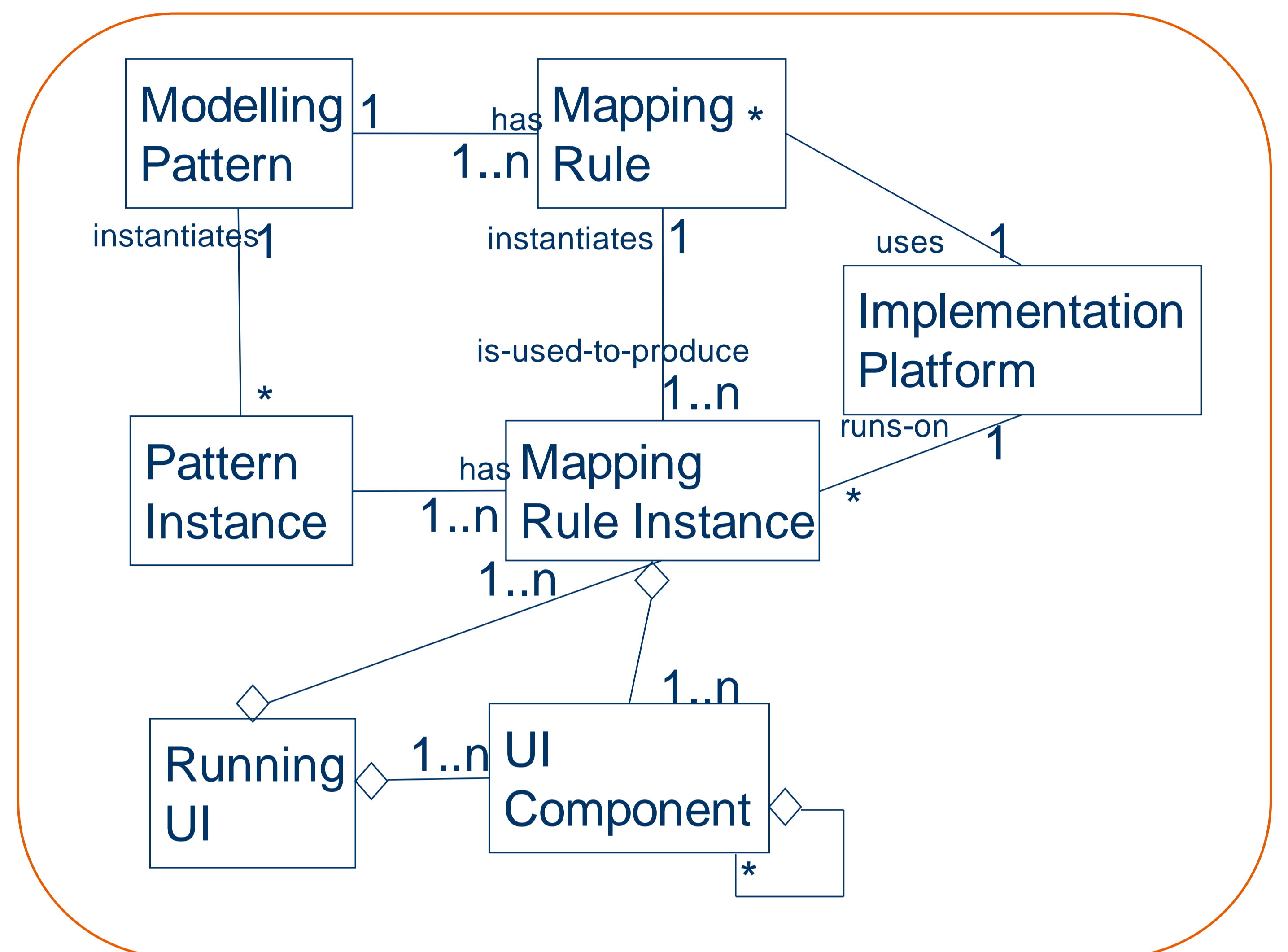
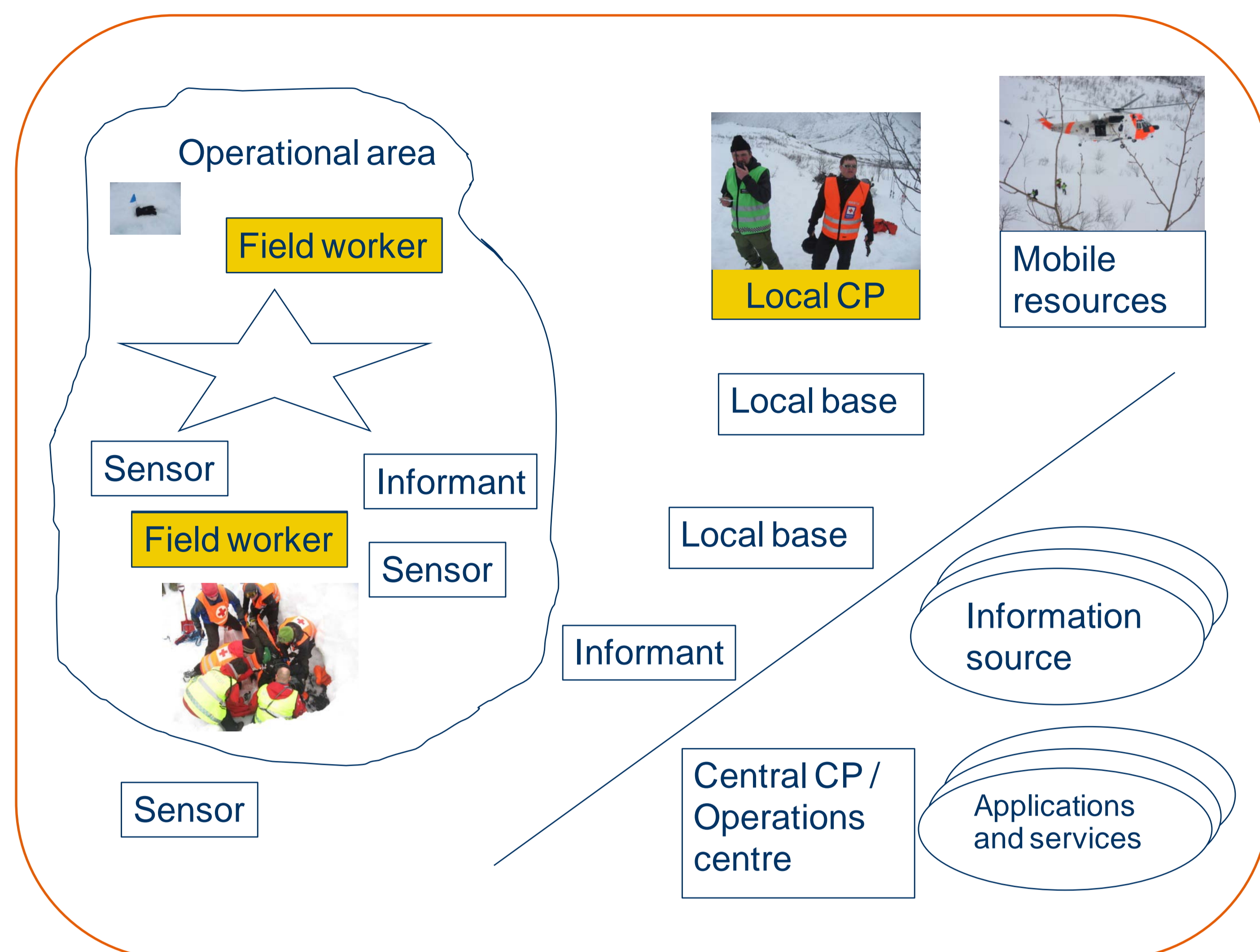


Model-based method and languages for developing flexible user interfaces for decision support systems for emergency response

Erik G. Nilsson – EMERGENCY project – SINTEF ICT



Challenges for end user solutions for emergency response

- Integration of information from different sources
- Integration of maps and pictures.
- Adapting information to different situations
- Compose/adapt information and services to changing needs
- Sensor fusion
- Adapt solutions to different kind of equipment

Expected results for systems developers at design time

- Method for model based **development/composition** of user interfaces
- Modelling languages
- Tool support

Expected results for end users at run time

- Guidelines for doing composition
- Tool support



ICT support for mobile workers in emergency response needs to integrate information and services from a number of existing ICT systems and sensors applied to the operational area.

Such ICT support must be highly adaptable both to the type of operation, characteristics of the operation at hand, and incidents happening during the operation, as well as the available types of equipment and the current user situation (e.g. degree of mobility). To meet these requirements, user interfaces need to be composed, partly at design time, but also at run time.

VERDIKT BIP project

Project partners:

- Locus
- GeoData
- Red Cross
- DSB
- The Police
- SINTEF ICT