Managing Mobile Processes

Key Requirements

- Partition a process model and allocate the resulting fragments on mobile devices as well as on personal workstations.
- Soundness of the overall process (i.e., the process choreography) needs to be ensured, also in the context of distributed process instance changes.
- Both the overall process model as well as its fragments may have to be adapted during runtime (e.g., to deal with exceptional situations).
- A mobile process must be able to gather sensoric data during its execution as well as to include additional context information (e.g., location of mobile workers).
- The whole life cycle of process management and mobile applications needs to be covered.

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This project is partially funded by the MFG Stiftung