

WP6: Use Cases - Car Manufacturing

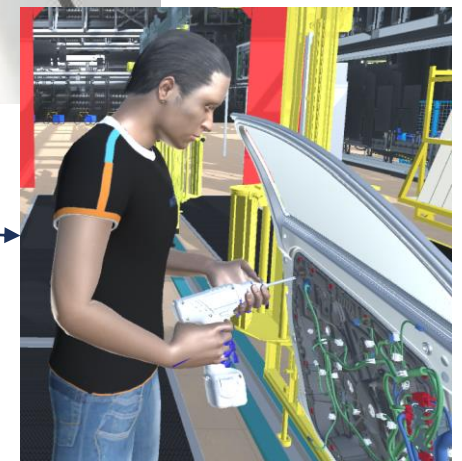
Daimler Protics GmbH / ESI

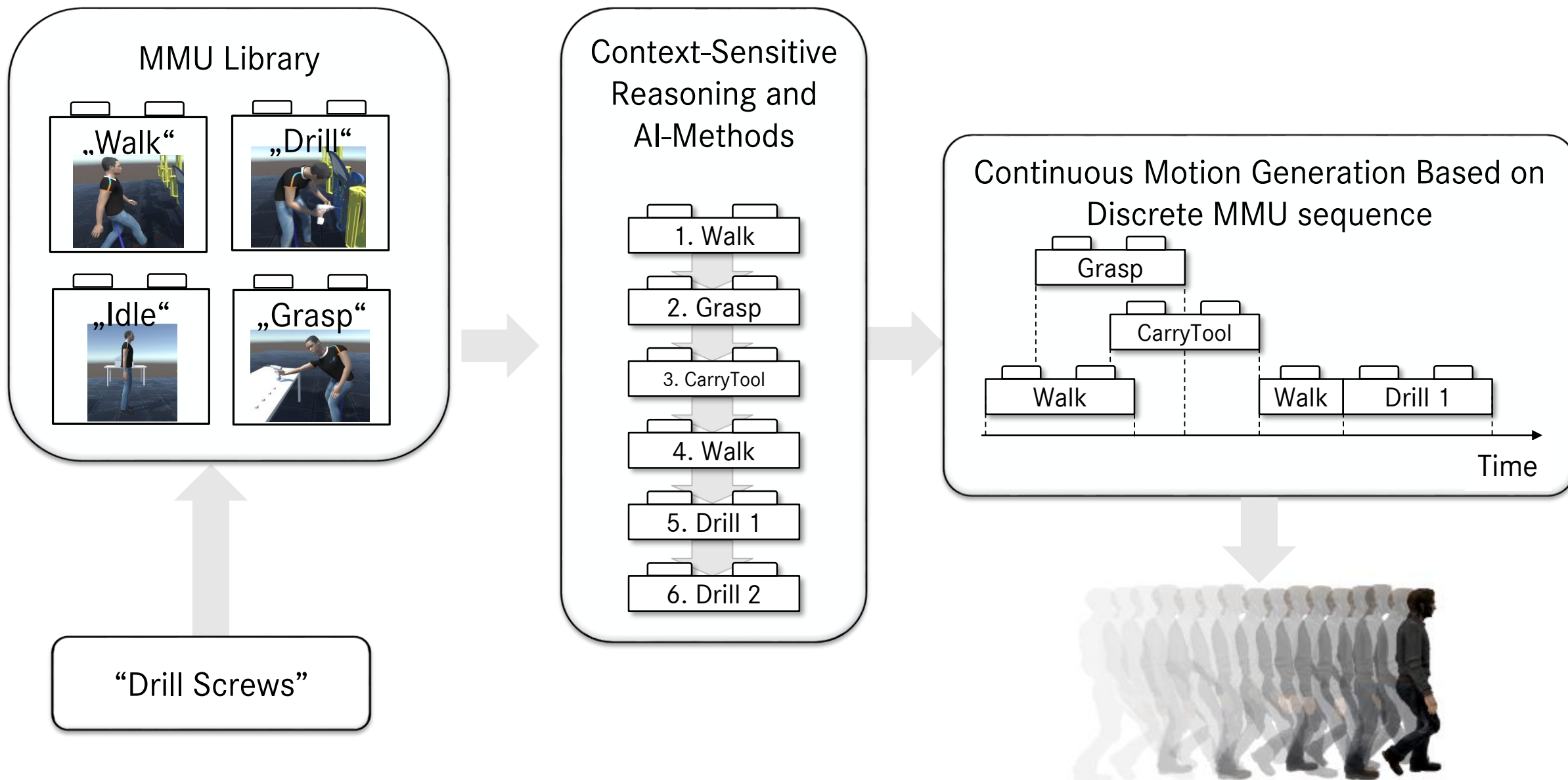


End-to-end Digital Integration based on Modular Simulation of Natural Human Motions

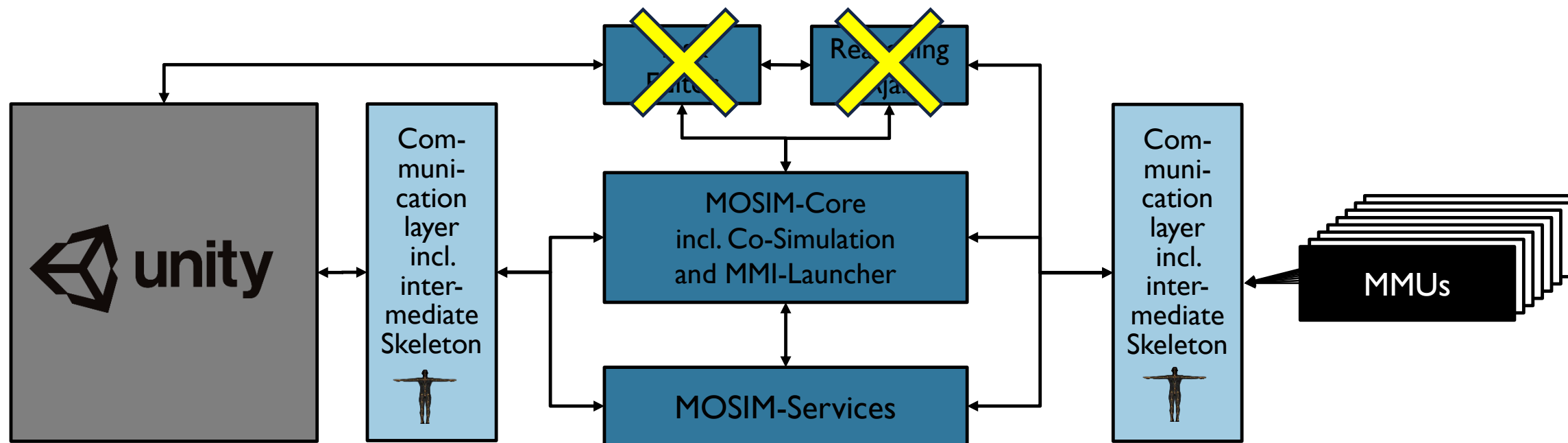
Car Door Preassembly

- Usage of all available Data (Sources, Systems)
- Based on these Data, Automatic simulation of manual assembly tasks with a maximum Natural Human Body Movement by variable
 - Path-Planning
 - Motion-Types
 - and Sequences





MOSIM updated architecture – unity demonstrator



legend



Standardized Interfaces



Tools/ & Services



Professional applications



Library of MMUs

Easy adaption of Process or usage of Trigger Event

- Video or live Demonstration
- MMU Sequencing UI

- Screwdriver 1, change to Screwdriver 2

