REAL-TIME CONTEXT AWARE REASONING IN ON-BOARD INTELLIGENT TRAFFIC SYSTEMS

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In-vehicle information management

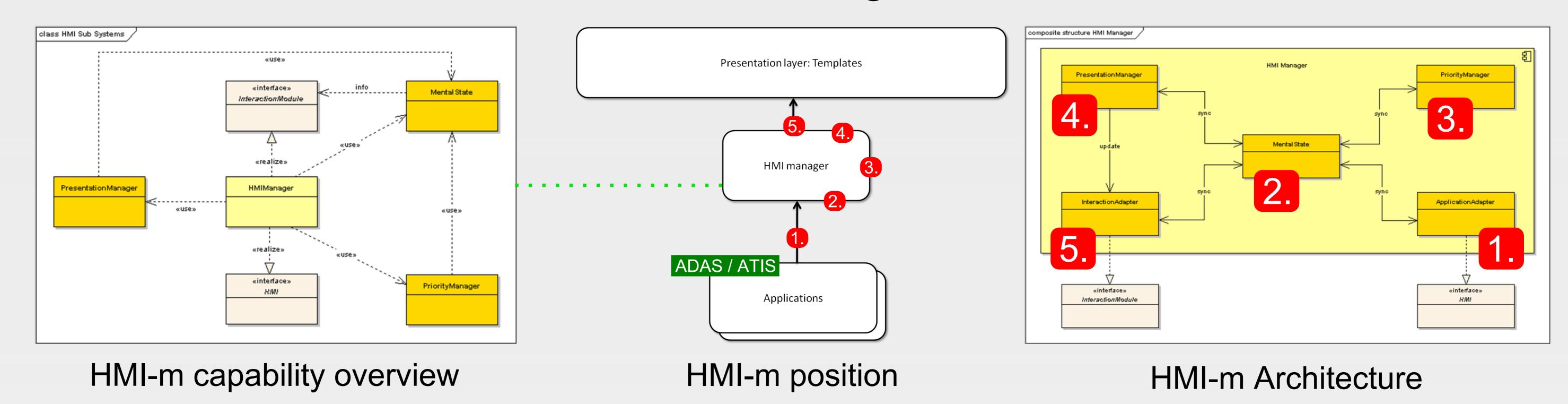
Provide drivers the information that they need: prioritize based on context.



3

4

HMI manager



Information is sent by applications as messages with properties "importance" and "urgency".

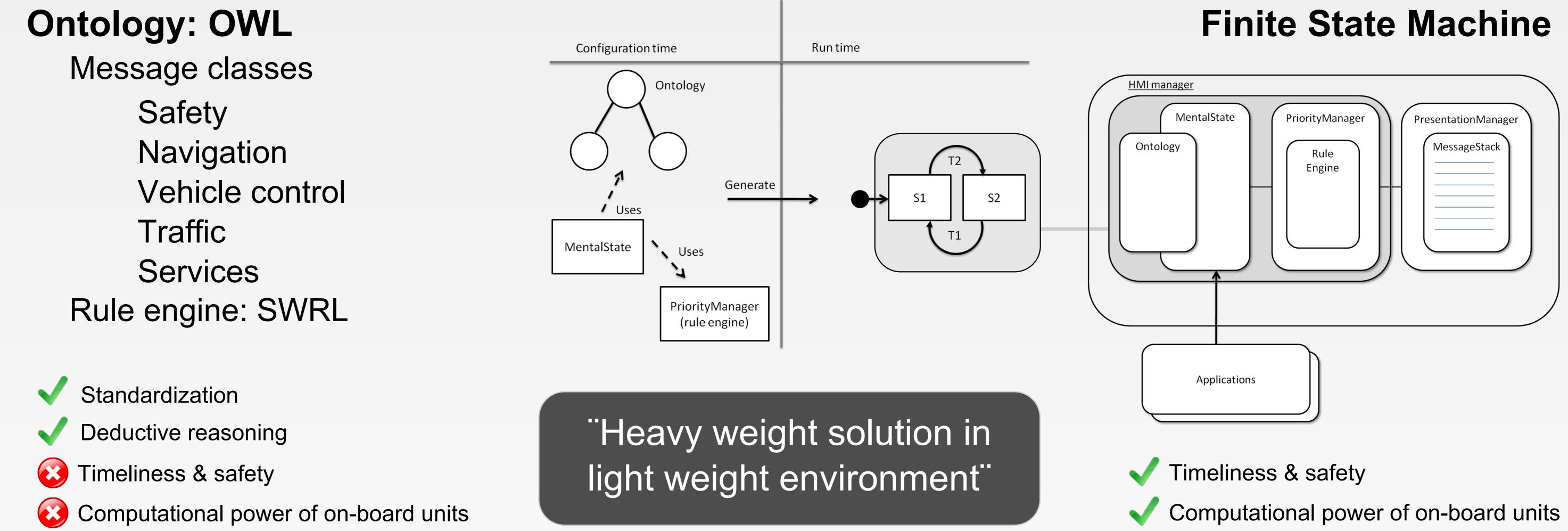
MentalState stores/shares messages received from applications: context of information. Ζ.

PriorityManager uses importance/urgency/MentalState to determine message priorities.

Presentation templates are loaded upon request 5, from the PresentationManager.

Configuration Time

Runtime



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