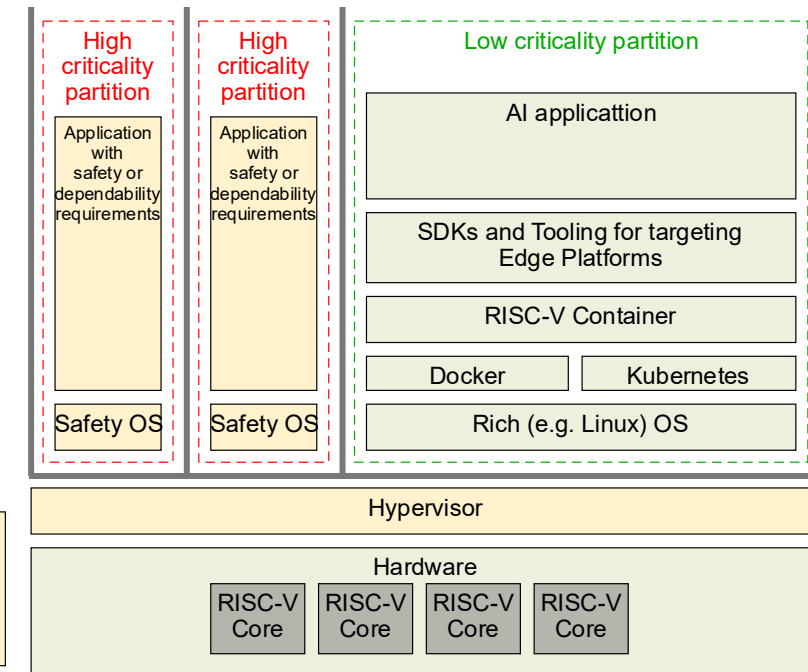
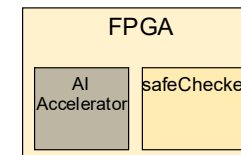


Partitioning of AI Models for Execution on Mixed Criticality Systems. A Workflow Approach Proposal

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SafeComp2025

- **Partitioning AI models for execution on dependable platforms**
 - Required for distributing execution across multiple execution partitions in cyber-physical systems
 - Necessitates a formal approach to model partitioning
 - Necessitates a handshake systematic for transmission and reception of model elements
 - It emerges that high-level requirements are not critical systems specific but can be applied to general cases as well.
 - Body of Work available at: <https://github.com/InES-HIS/REBECCA-Partitioning>



From: EdgeAI_diagrams_donn.uxf

Partitioning Process

Model Representation
for Individual for Runtimes

