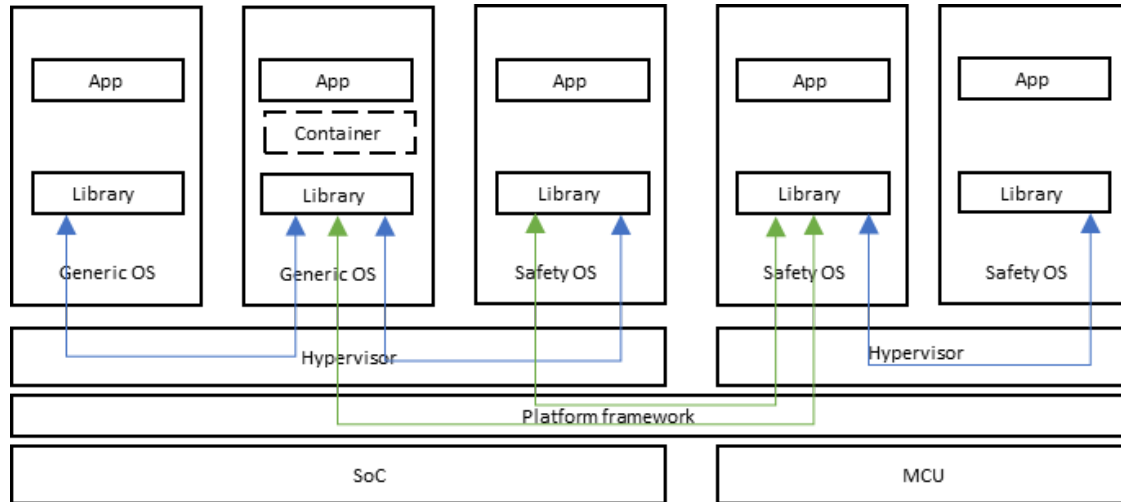# Hypervisor Cell

(Working in Progress)

Considerations

- Between same ASIL Level or not
- On same hypervisor or not
- On same PCB or not

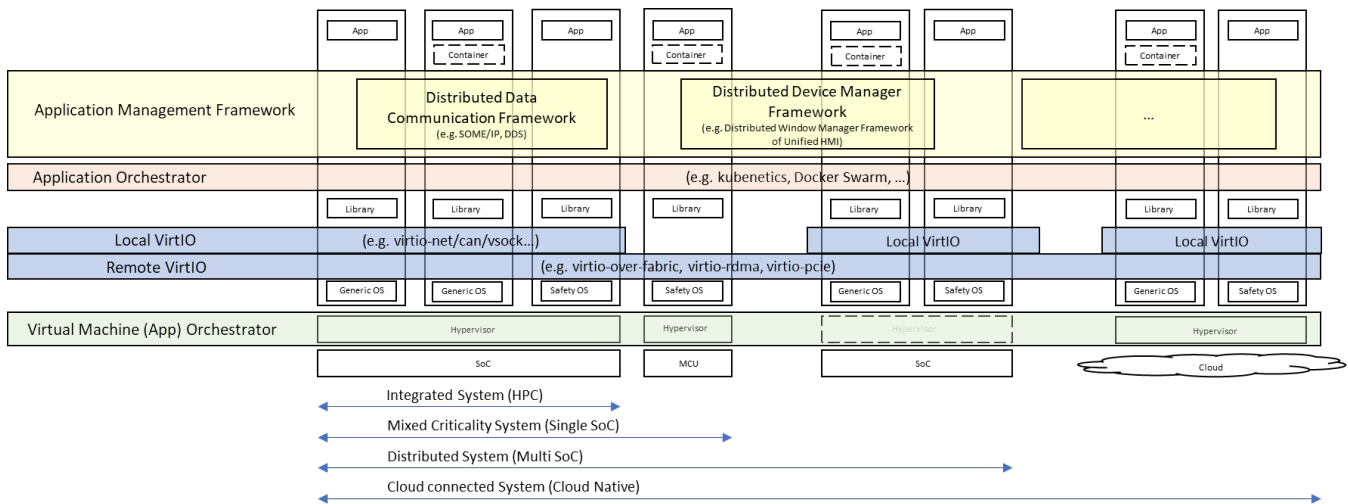Inter-VM Communication

- Between Hardware: One SoC, Multi-SoC, Cloud, …
- Between Operating Systems: Generic OS, Safety OS, …
- Between Applications: Generic App, Container, …

Orchestration

- Orchestration for application (such as k8s)
- Orchestration for system or virtual machine (similar to hypervisor)

Communication for

- Applications
- Libraries
- Operating Systems
- Devices
- Services
-   (on same OS, other OS, other SoC or cloud)

ADAS Usecase

- Can VirtIO be used in ADAS use cases?
    - ADAS seems to be ASIL-B
    - Devices used for ADAS are also ADAS-B
    - One possible example.
    Receives some data on the RTOS side and outputs it to the IVI screen.