



# The Automotive Virtual Platform



OpenSynergy provides the virtualization platforms COQOS Hypervisor SDK, which supports the safe and secure convergence of software-based vehicle functions. OpenSynergy provides services to adapt its solution to customer specific hardware and environment.



## Reduce cost

- consolidate safely mixed critical functions (from non-safety to ASIL-B)
- less certification effort thanks to the underlying first ASIL-B certified hypervisor
- minimal overhead performance thanks to the small footprint (10.000 lines of code)





## Leverage open standards

- minimize development effort and time to market thanks to VIRTIO
- break free from vendor lock-in thanks to the usage of open standards
- unchain form local hardware constraints and remotely use devices running on several SoCs

# Have piece of mind

- add security thanks to the minimalistic type 1 hypervisor
- profit from a mass production proven hypervisor
- take advantage of components supporting the most commonly used ARM based SoCs





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