Web Based Automotive Software Development Platform

Panasonic
AUTOMOTIVE

vSkipGen™

A Cloud-Native Virtual Cockpit Platform for Automotive Software Development

››Benefits

•Decouples software from hardware, enabling **earlier** development, **faster** time-to-market and **higher** software quality

- Reduces OEM testing costs and setup time by supporting virtual validation and system-level testing
- Optimized scalability on AWS through vSkipGen™ subspaces per instance

››Technical Advantage

•Achieves **high-level environmental parity** for Android™/ AGL™ IVI and Cluster **with full VirtIO support**

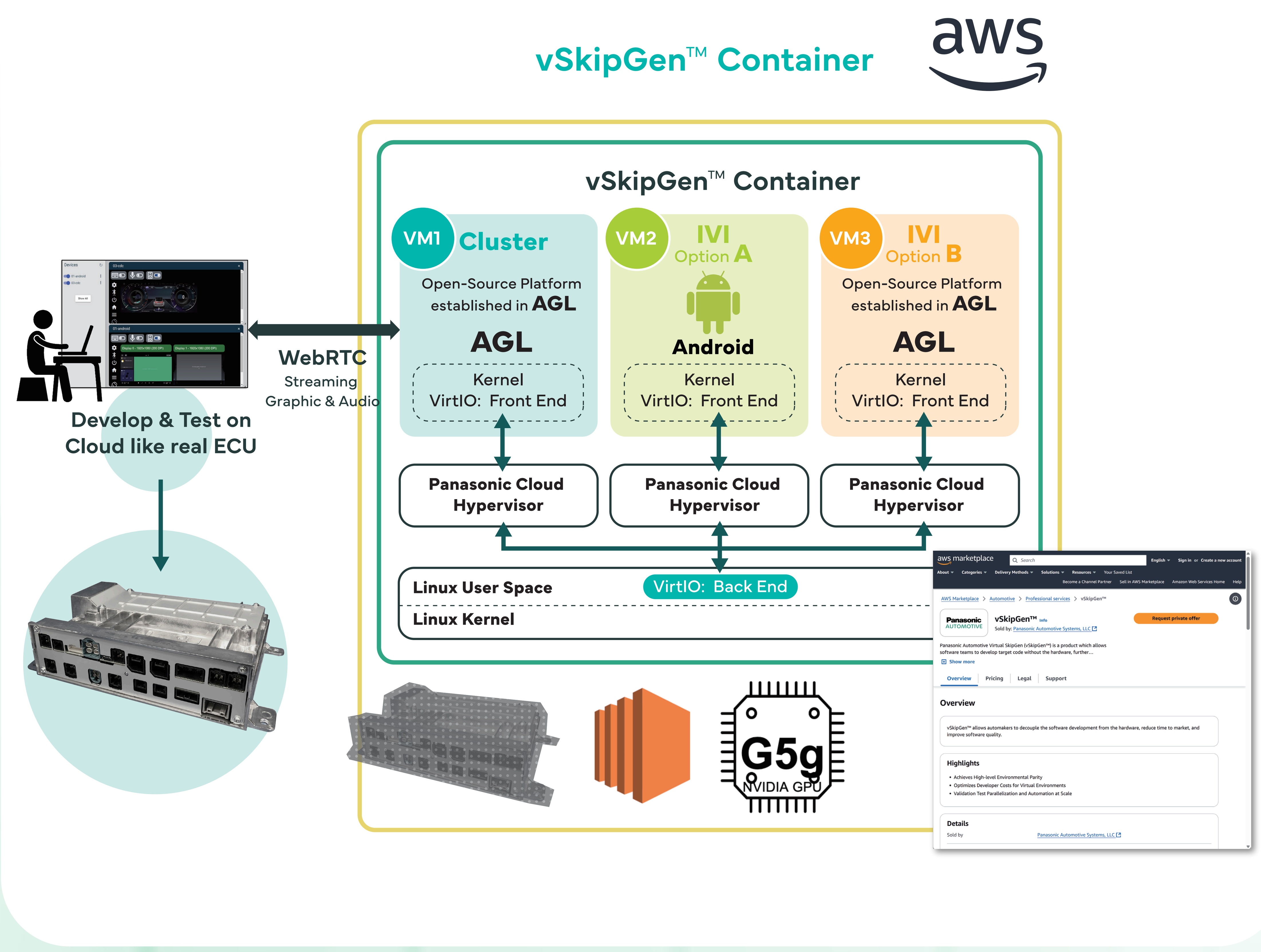
•Achieves **physical hardware equivalent experience** through optimized streaming solution and graphic hardware acceleration

•Enables **optimized server cost** through vSkipGen™ subspace, enabling **multi-users** working on one machine parallelly

››Application

•Preparing **various toolchains** such as CICD, simulation, and provide interfaces to **easily integrate OEM/3rd party toolchains**

•Continuous evolved by leveraging & contributing **open eco-systems** (Android™, Linux™) and extendable to HPC development



"The vSkipGen™ platform by Panasonic Automotive is a production ready virtual environment for developing and testing modern cockpit systems."