



LinearX Technology

Safety-verified, SOA-compliant CarOS
for Autonomous Driving and beyond

LinearX Technology

LinearX starts its journey in 2021. With the focus on autonomous driving, our operating system, middleware and toolchain all have independent intellectual property rights. We make smooth interconnection within and across domain come true. Reliable, scalable, and customizable, LinearX's solution fosters collaboration with customers to speed up commercialization, enhance safety level and reimagine the future vehicles.



Series-proven software platform experience

Team has mature experience in platform software development from various ADAS and AD projects for both European and Chinese OEMs.



LinearX CarOS - The next OS for AD/ADAS

The software not only meets the requirements of safety and real-time, but also integrates the flexibility and expansibility of SOA.

LinearX - the leading autonomous driving software provider for future vehicles.



Middleware & BSW

SOA-compliant, supporting CP, AP and DDS, real-time interaction among MCU and multi-SoC, within and across domains



OS Service

Safe, reliable OS Service deployed parallel on MCU and SoC, which are verified by series-production

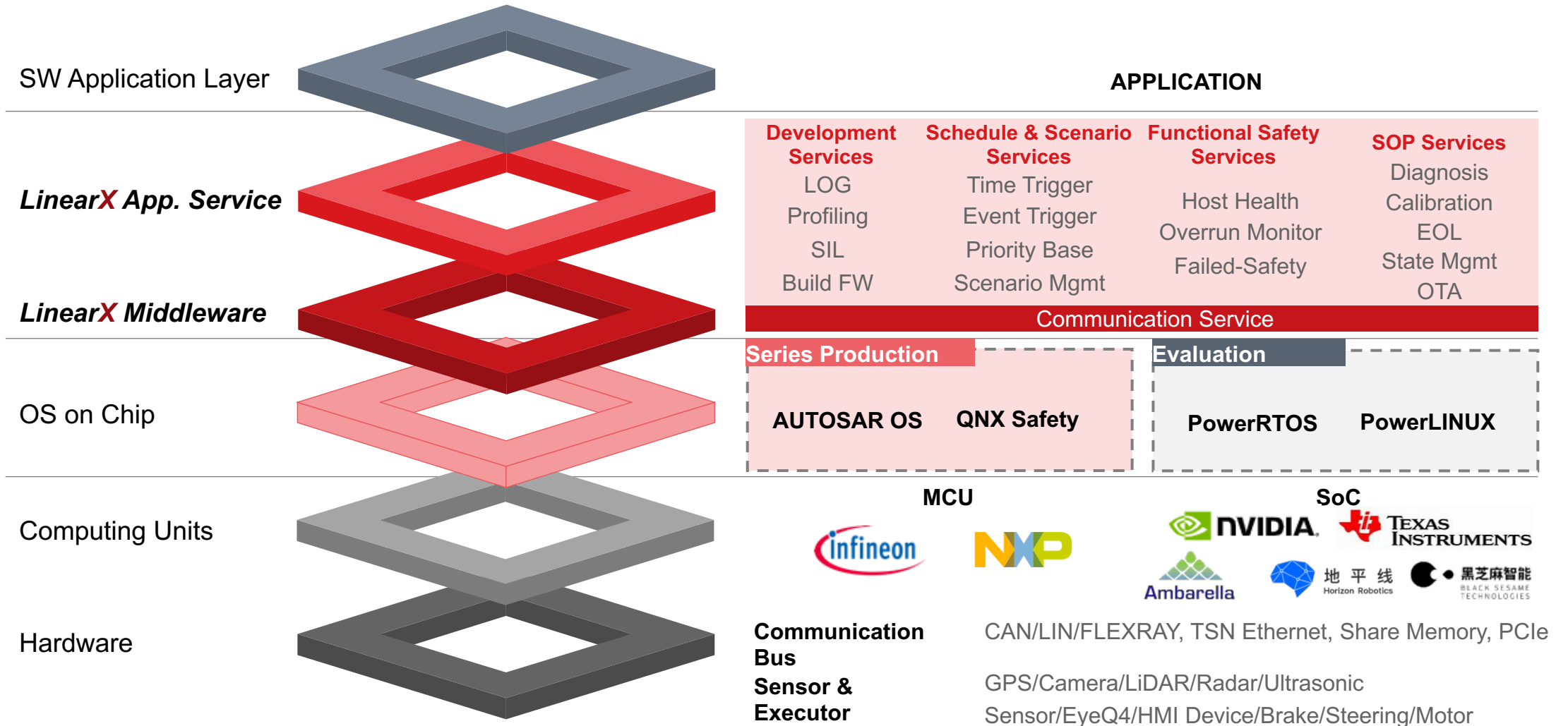


Toolchain

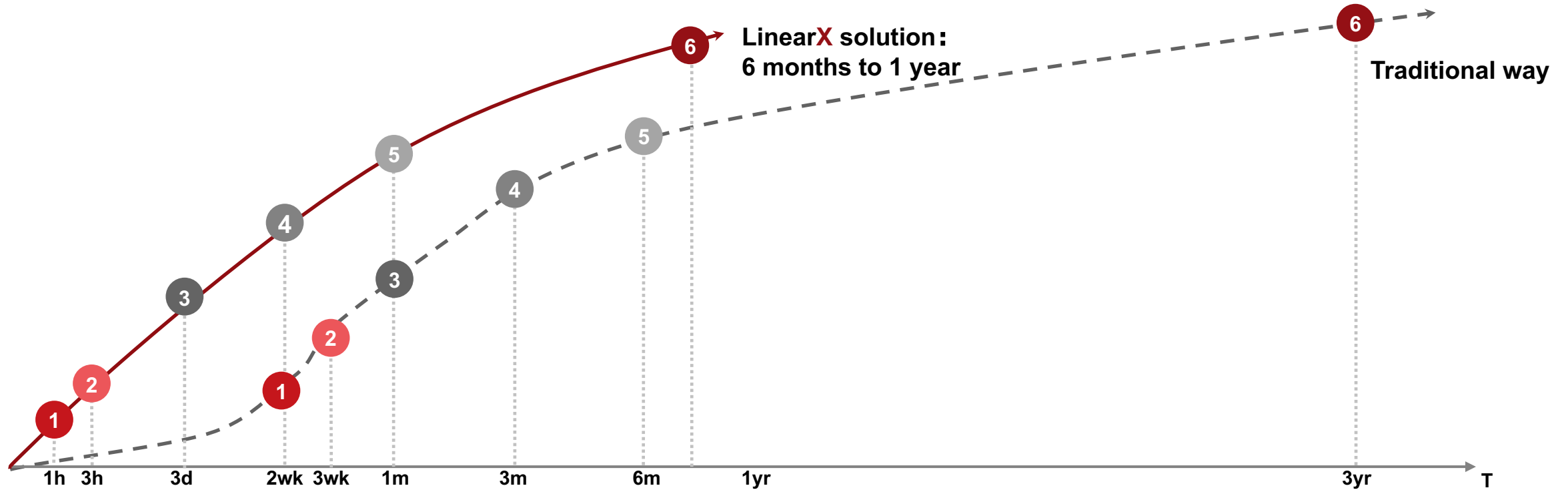
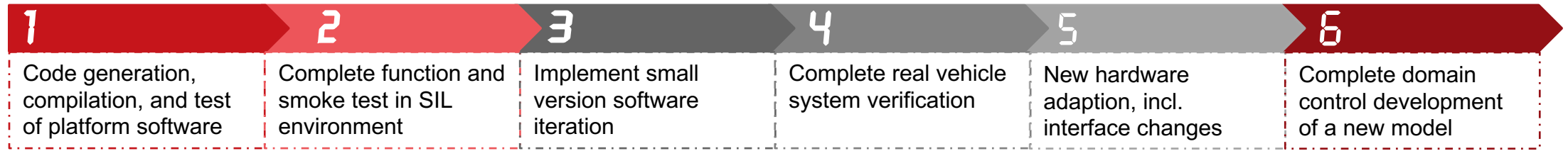
Customized platform software generated through a low-code development platform

LinearX CarOS Software Architecture

(Safety, Scalable, Cross-Domain)



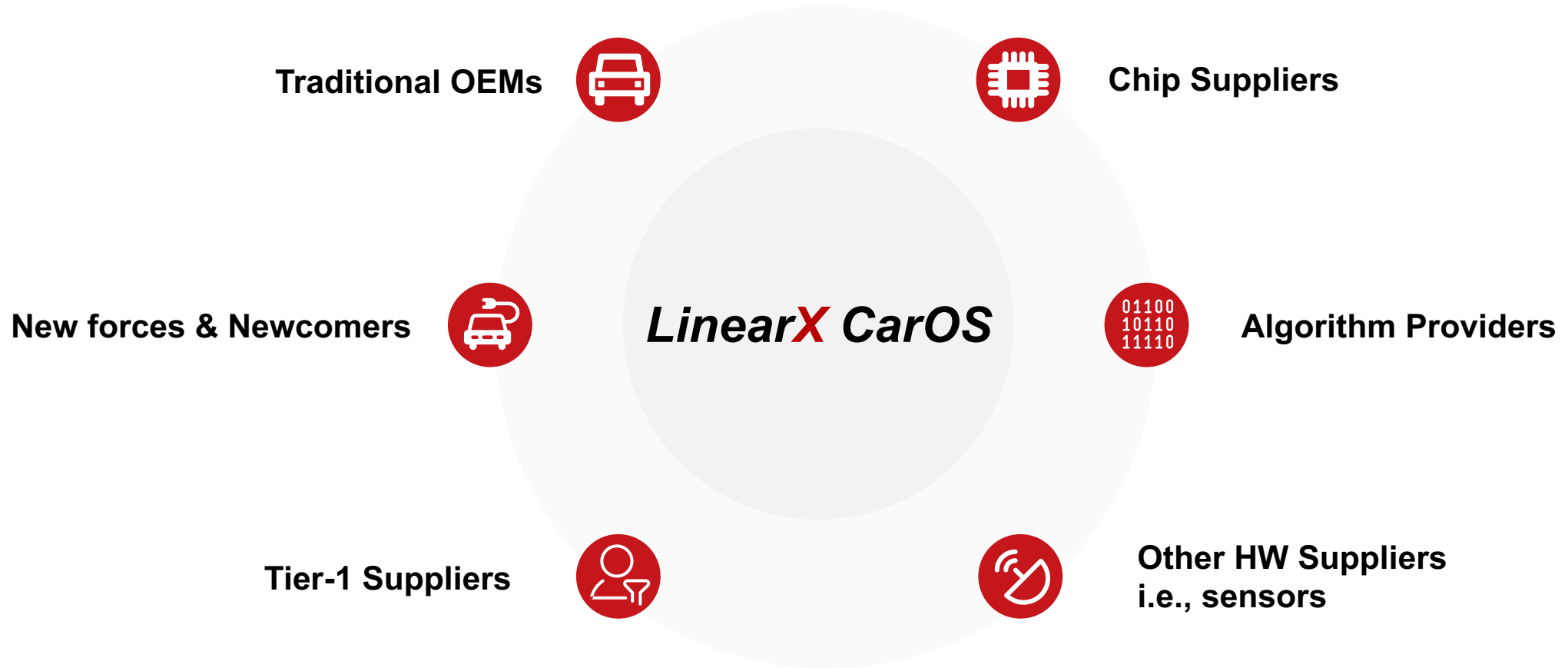
LinearX CarOS Toolchain revolutionizes the efficiency of DCU development.



LinearX CarOS builds a SOA-compliant real-time system with high safety and high performance.



We empower players in the automotive market to unleash the full potential of autonomous driving.





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