

Smart Device as a Key (SDaak)

Next generation solution to enable smart devices as a digital key



The advent of connected cars has ushered in a new era of autonomy that brings both exciting opportunities and unique challenges in terms of security, convenience and user experience.

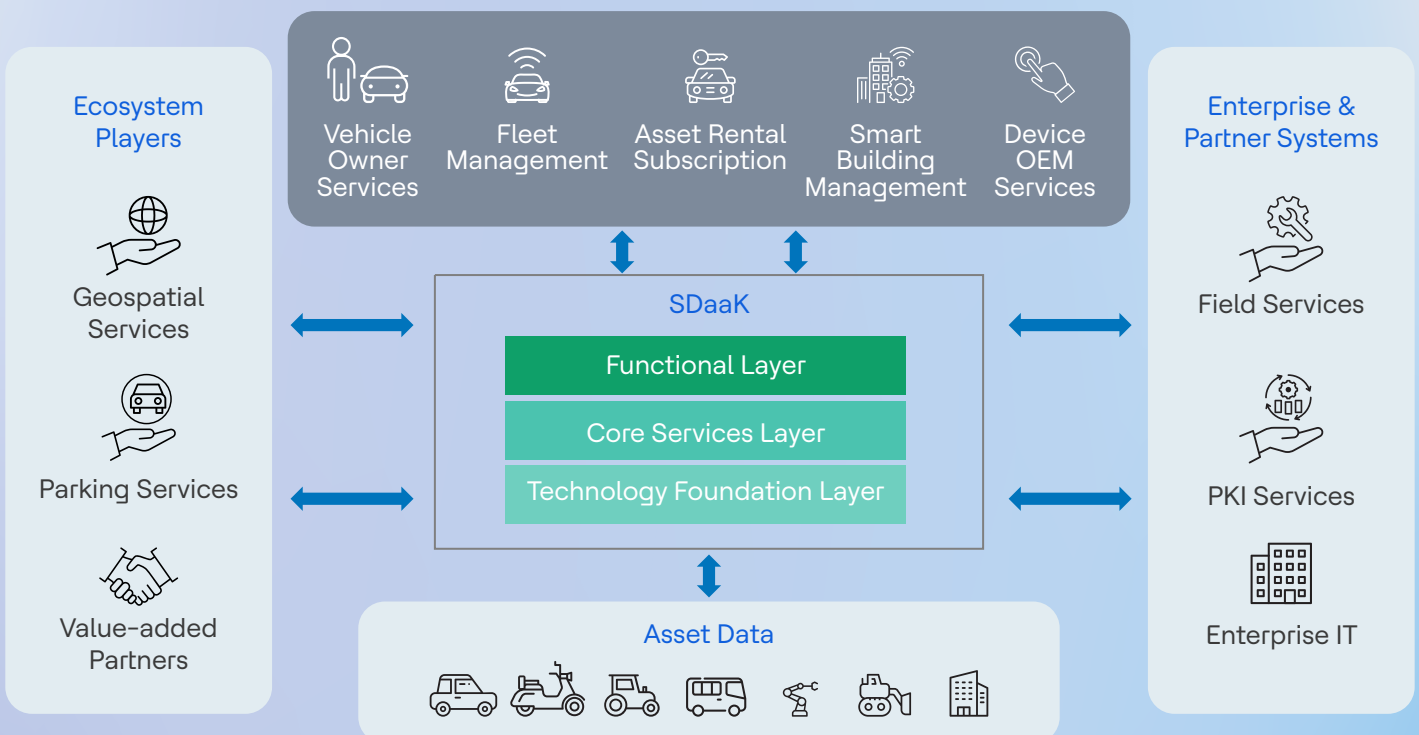
Managing multiple physical keys has become an impediment for vehicle owners, fleet managers and car rental services with increased costs, complexities and vulnerabilities. To improve the safety and convenience of their operations, automobile companies require an industry-standard digital key solution.

Key to the future of connected mobility

HCLTech's Smart Device as a Key (SDaak) is cutting edge solution that enables a smart device to function as a digital key. Leveraging advanced technologies such as NFC (Near-Field Communication), BLE (Bluetooth Low Energy) and UWB (Ultra-wide Band) this solution offers features like time-based/user-based access, welcome controls, hyper-personalization and much more to deliver a secure and highly personalized experience.

SDaak is based on Car Connectivity Consortium (CCC) Digital Key specification and covers a rich set of use cases, from automotive OEMs and fleet operators to mobility rental and subscription service providers, logistic services and more.

Service Framework



Key features



Time-based/user-based access (Remote Access Vehicle Management)



Welcome controls, approach and departure experience



Hyper-personalization with selective access (ignition, boot, etc.)



Digital glovebox and document sharing



Smart key security features to enhance user safety and security



Third-party system integration like enterprise IT, field services, etc.

Benefits



Employs robust security technologies including CCC Digital key security, NFC, BLE and UWB, to ensure user safety



Possible functionalities above and beyond lock/unlock door, start/ stop engine and window movements



Reduced operational complications and improved flexibility to integrate and customize business modules



Customizable safety features that can be programmed based on predictive scenarios



Easy management of keys



Perform safety actions remotely

For more details

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