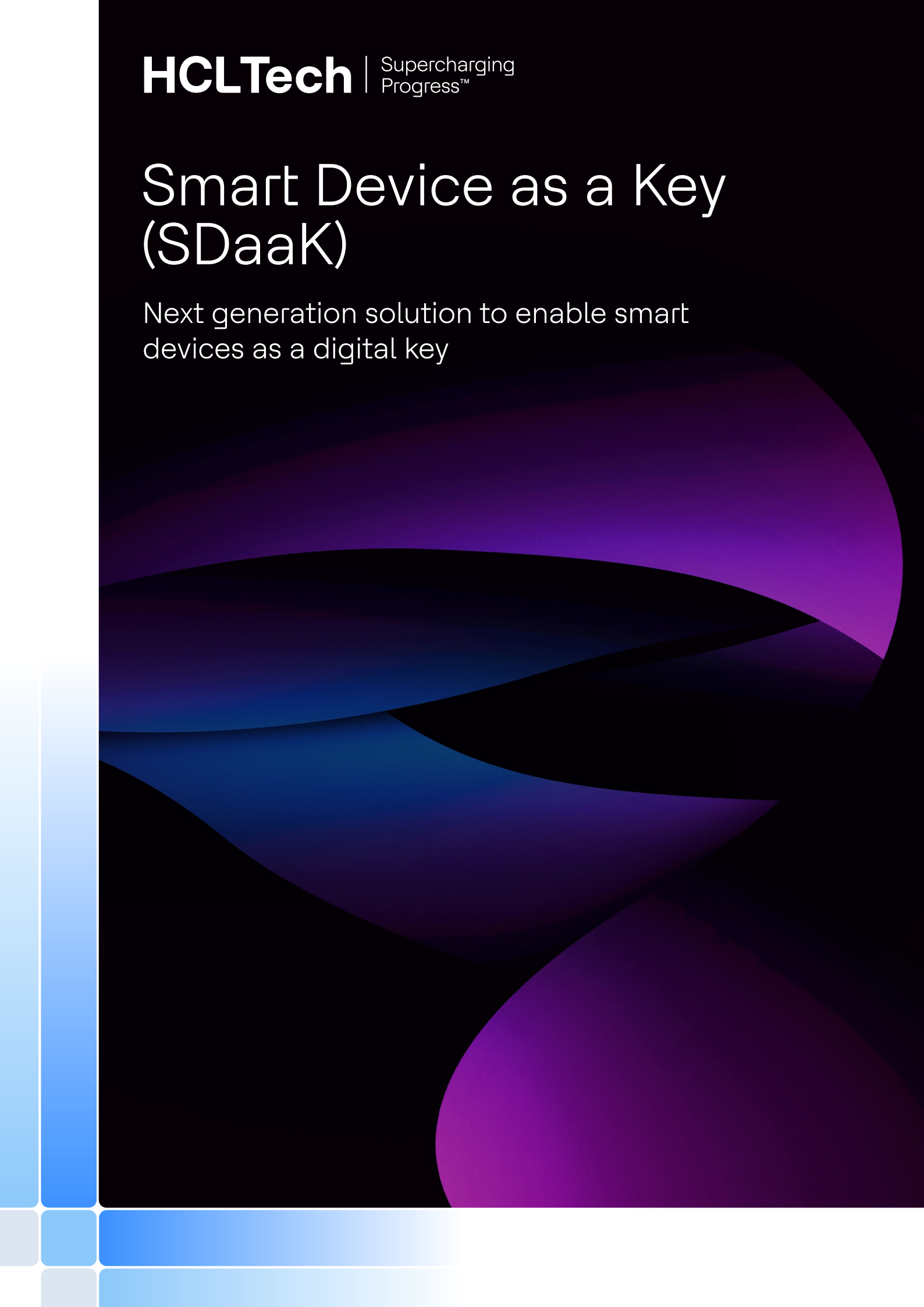


# Smart Device as a Key (SDaaK)

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.

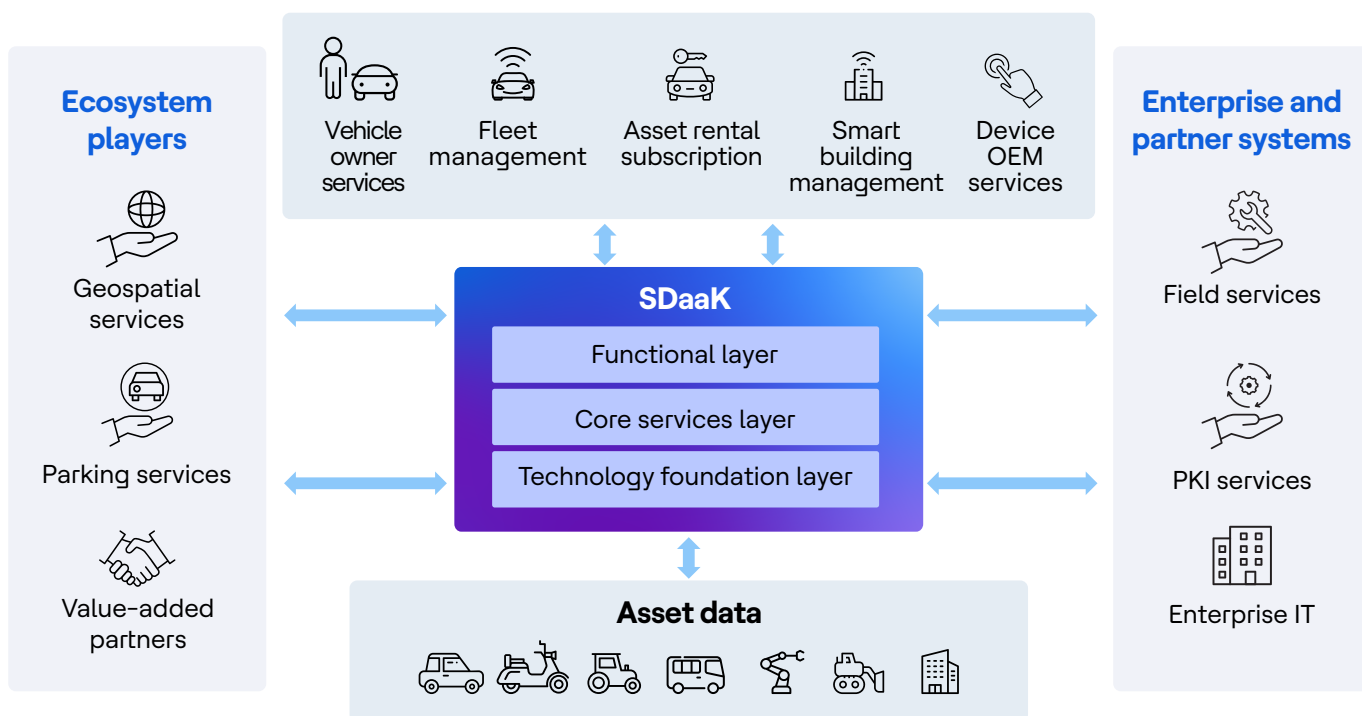
Managing multiple physical keys has become an impediment for vehicle owners, fleet managers and car rental services with increased costs, complexities and vulnerabilities. To improve the safety and convenience of their operations, automobile companies require an industry-standard digital key solution.

## Key to the future of connected mobility

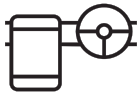
HCLTech's Smak Device as a Key (SDaak) is cutting edge solution that enables a smart device to function as a digital key. Leveraging advanced technologies such as NFC (Near-Field Communication), BLE (Bluetooth Low Energy) and UWB (Ultra-wide Band) this solution offers features like time-based/user-based 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)



Digital glovebox and document sharing



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



Welcome controls, approach and departure experience



Smart key security features to enhance user safety and security



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

# Benefits

01



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

02



Multiple functions possibility via digital key, not just limiting to lock/unlock door, start/stop engine, windows movement

03



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

04



Customizable safety features that can be programmed based on predictive scenarios

05



Easy management of keys

06



Perform safety actions remotely

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