

# Hypercube

Fast track to the  
software-defined vehicle



**T Systems**

# Accelerate software innovation, streamline operations, and gain deeper vehicle insights

Hypercube empowers automotive manufacturers to speed up the time-to-market by kickstarting the development of software-defined vehicle (SDV) solutions with T-Systems' scalable and standardized software assets.

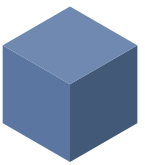
Built specifically for SDVs, Hypercube ensures efficiency across the entire software lifecycle - from development to deployment and continuous operation.

Hypercube helps you free up valuable resources so you can focus on building unique SDV features that set your brand apart and enhance the customer experience.

## THE HYPERCUBE portfolio at a glance

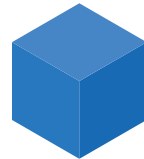
### Device & Campaign Management

*Managing software configuration, inventory, and fleets*



### Service-Oriented Vehicle Diagnostics

*Providing a generic diagnostic API for vehicle-wide diagnostics with traditional and SDV use cases*



### Automotive Security Monitor

*Providing backend services for UNECE R155-compliant Cybersecurity Management System (CSMS)*



### Digital Twin

*Creating a digital representation of a vehicle or a fleet to facilitate data-driven services*



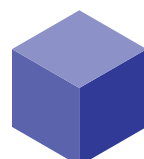
### Vehicle Security & Operations Center

*Offering a one-stop shop for fleet analysis and end-to-end lifecycle management of connected vehicles*



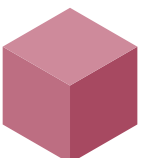
### Task Management

*Offering a low-code solution to create, adapt, and implement process workflows*



### Packaging Service

*Enabling an automated, quality-assured, and secured assembly of vehicle software packages*



# Hypercube: The backbone for your SDV architecture

Develop smarter   ■   Launch faster   ■   Operate with ease

Hypercube offers ready-to-use, hosting-agnostic software components that form the backbone of your cross-domain automotive software architecture.

Using standardized, proven modules reduces development effort, speeds up time-to-market, and enhances software and product quality.

## Adapt it your way:

- Select individual cubes as a base for developing your SDV solution
- Select multiple cubes to complement your platform
- Or choose a complete end-to-end solution

With Hypercube, you stay flexible – and future-proof.



### Event Distribution

*Managing event data from collection, authorization to distribution as per demand*



### Data Management Platform

*Enabling scalable, customizable, and performant data handling functionality*



### In-Car Intrusion Detection System

*Monitoring of all in-car interfaces and bus systems for specific attack patterns*



### Over-the-Air In-Car

*Managing the download, installation, and activation of OTA software updates through an in-car client*



### Developer Console

*Actively managing the complete software lifecycle: development, testing, and release*



### Command and Control

*Providing an abstraction interface to simplify device and vehicle connectivity for backend applications*



### Virtual Vehicle Simulation Platform

*Providing an on-demand platform that creates and manages virtual vehicles mirroring physical ones*

## Define your strategy, customize your success

Depending on your needs, the Hypercube can deliver:



Selected modules to enhance your existing SDV platform



An end-to-end solution for full lifecycle support

Either way, T-Systems' experts are ready to support you – with consulting, customization, and implementation services tailored to your SDV roadmap.

## Let's shape the future of mobility together

Contact us today to explore how Hypercube can fast-track your innovation, accelerate time-to-market, and empower your SDV strategy.

### Contact

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\* from the following countries: Austria, Belgium, Denmark, France, Germany, Great Britain, Luxembourg, Netherlands, Norway, Poland, Portugal, South Africa, Spain, Sweden and Switzerland.

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