

Eclipse SDV 2nd Contribution Day

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22nd Sep, 2022



T-Systems joined the Eclipse SDV working group

The Software Defined Vehicle is not a task for individual companies or technology areas, but a **challenge for the entire automotive industry**.

The open-source approach enables **cost-efficient management** of the technology as well as a **reduction in investment**.

In addition, open source accelerates **innovation** and new **future business models**.

Our contribution: We want to strengthen the automotive community in particular when it comes to **interoperability between organizations, systems and technologies**.



T-Systems joined the eclipse SDV Working Group as contributing member the 09th of September 2022

The Eclipse SDV WG priorities & T-Systems' match

Eclipse SDV Priority

Architecture & SW Stack (In-Vehicle and Backend)

SDV.Edge focuses on bringing cloud-native technologies to a range of in-vehicle software domains including quality-managed (QM) and safety relevant domains.

T-Systems Portfolio Match

- Connected Car BE Building Blocks
- In-Vehicle SW Development
- Digital Twin
- Homologation
- In-Car Entertainment/5G



T-Systems: Solutions

Ambient Light Services

Cloud-based CI/CD Toolchain

SDV.Dev focuses on development toolchains and workflows to allow for modern development of in-vehicle applications that integrate with cloud-based deployment and applications management environments

- Dev Ops Offering
- Managed Cloud
- Systems Engineering
- Remote test lab



Hypercube

(e.g. DevOps for vehicle SW)

Vehicle Operations (incl. OTA)

SDV.Ops focuses on enabling management of software stacks in large fleets of vehicles, integrating with existing mobility cloud solutions and supporting open standards where such integrations are established.

- Vehicle Operation Center
- Security Operation Center
- OTA Features



Hypercube

(e.g. Data-enabled insights/ services)

T-Systems AT A GLANCE

AUTOMOTIVE

#1

Market Leader in Germany in the Automotive sector for over 10 years

#1

**IT Service
provider
in DACH**

65%

of the top 20 OEMs,
numerous multi-
national Tier 1 supplier
and manufacturer

> 4K

Automotive
Experts
Worldwide

> 25M

Vehicles on Connected Car Platform

> 3K

Dealerships are our clients

> 5K

Automotive projects in 2021

>
700K

Vehicles with OBD adapter

**> 25
yrs**

**of Expertise
in Automotive**

20

Countries

16

Data centers

DNA

Comprehensive IT competence, in-depth management and process know-how

≈581

Petabytes

Storage

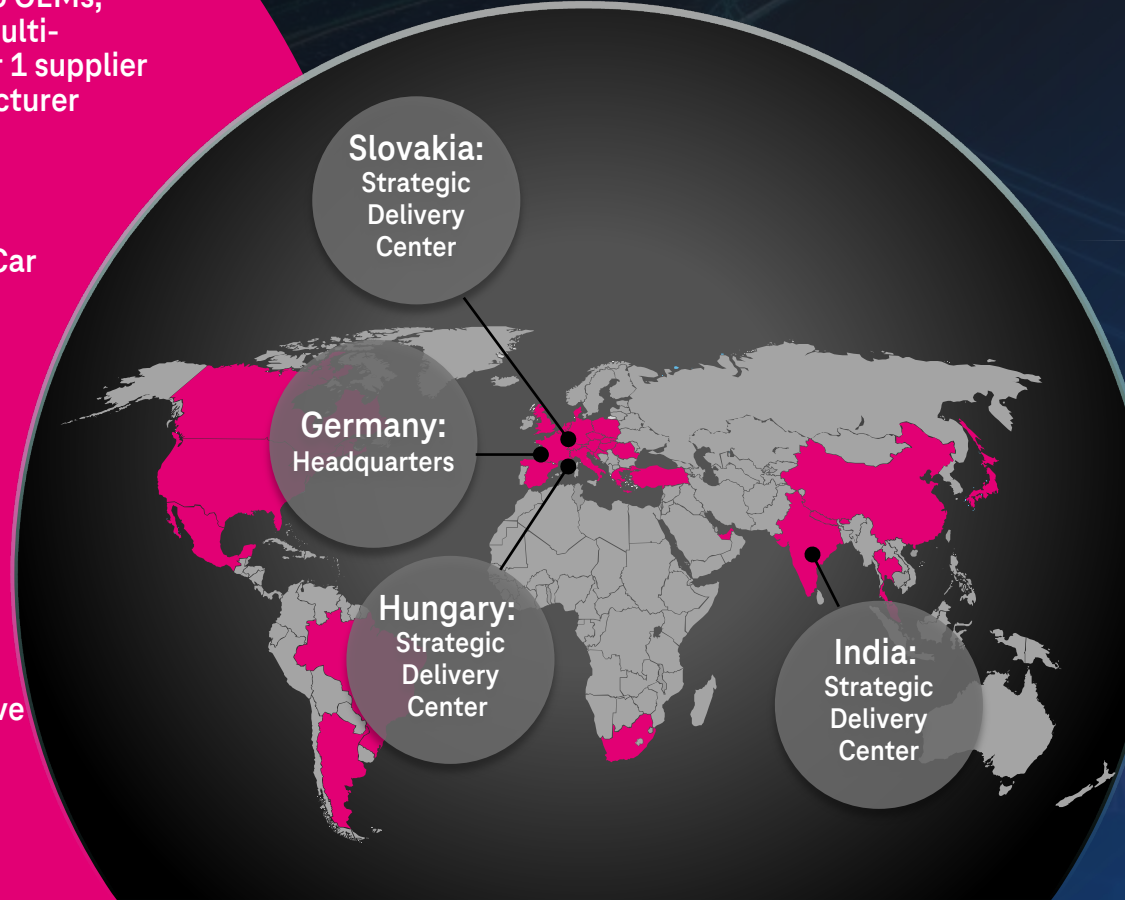
≈90,000

Servers

28,098

Employees (FTE)

Security operation centers (SOCs) globally



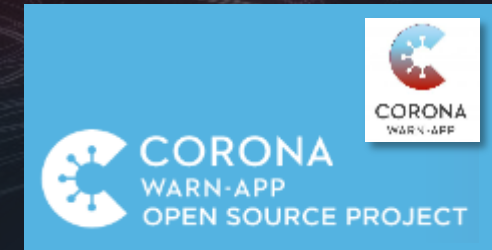
T-Systems' open-source history



- Catena-X is the first integrated, collaborative, **open data ecosystem** for the automotive industry
- It connects all players to end-to-end value chains - easier, more secure, and more independent
- Participation is rewarded with above-average resilience, innovative capacity, and revenue opportunities.
- **And Catena-X is open!** Other industries and ecosystems can be integrated at any time.



- The Open Telekom Cloud offers **open interfaces** and is also based on the **open-source cloud** architecture OpenStack.
- This open standard allows you to integrate your IT projects and infrastructures into the Open Telekom Cloud as easily as possible.
- Likewise, DTAG interacts with the community via Github and publishes OS software there
<https://github.com/telekom>



- Be part of the App!: Everyone can become a member of the project community. We call all interested people to join and become part **of the developer community**.
- Working on an Issue: If you want to take over an issue, first create a comment on **GitHub** with the info that you want to work on it.
- In order to contribute code or documentation, to fix a bug or implement a new feature, the contribution must be licensed under **Apache 2.0 License**.

#PEOPLEMAKEITHAPPEN

T-Systems as well as the entire automotive industry is facing a decade of disruptive changes...



#PEOPLEMAKEITHAPPEN

...let's power together our journey towards the SDV!

THANK YOU



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T Systems

Let's power
higher performance