Eclipse SDV
2nd Contribution Day

Dr. Christian Hort
SVP Automotive

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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.
The Eclipse SDV WG priorities & T-Systems’ match

<table>
<thead>
<tr>
<th>Eclipse SDV Priority</th>
<th>T-Systems Portfolio Match</th>
<th>T-Systems: Solutions</th>
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<tbody>
<tr>
<td><strong>Architecture &amp; SW Stack</strong> (In-Vehicle and Backend)</td>
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<td>SDV.Edge focuses on bringing cloud-native technologies to a range of in-vehicle software domains including quality-managed (QM) and safety relevant domains.</td>
<td>• Connected Car BE Building Blocks</td>
<td>Ambient Light Services</td>
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<td></td>
<td>• In-Vehicle SW Development</td>
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<td>• Digital Twin</td>
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<td>• Homologation</td>
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<td>• In-Car Entertainment/5G</td>
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<td><strong>Cloud-based CI/CD Toolchain</strong></td>
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<td>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</td>
<td>• Dev Ops Offering</td>
<td>Hypercube</td>
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<td></td>
<td>• Managed Cloud</td>
<td>(e.g. DevOps for vehicle SW)</td>
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<td>• Systems Engineering</td>
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<td>• Remote test lab</td>
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<td><strong>Vehicle Operations (incl. OTA)</strong></td>
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<td>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.</td>
<td>• Vehicle Operation Center</td>
<td>Hypercube</td>
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<td>• Security Operation Center</td>
<td>(e.g. Data-enabled insights/services)</td>
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<td>• OTA Features</td>
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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

> 4K
Automotive Experts Worldwide

> 3K
Dealerships are our clients

> 700K
Vehicles with OBD adapter

65%
of the top 20 OEMs, numerous multi-national Tier 1 supplier and manufacturer

> 25M
Vehicles on Connected Car Platform

> 5K
Automotive projects in 2021

> 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)

8 Security operation centers (SOCs) globally

> 4K
Automotive Experts Worldwide

> 25M
Vehicles on Connected Car Platform

> 5K
Automotive projects in 2021

> 700K
Vehicles with OBD adapter

> 25 yrs
of Expertise in Automotive

Slovakia: Strategic Delivery Center

Hungary: Strategic Delivery Center

India: Strategic Delivery Center

Germany: Headquarters

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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](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](https://github.com) 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](https://github.com).
T-Systems as well as the entire automotive industry is facing a decade of disruptive changes...

...let’s power together our journey towards the SDV!
THANK YOU

Dr. Christian Hort
SVP Automotive & Manufacturing Industries
christian.hort@t-systems.com
+49 160 3350739

LinkedIn

T Systems
Let’s power higher performance