

Catena-X – A Standardized Data Ecosystem for End-to-End Data Chains along the Automotive Value Chain

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Abstract

Catena-X is a collaborative initiative aimed at enhancing efficiency and transparency across the entire automotive value chain. This presentation provides a comprehensive introduction to the goals, structure, and functioning of the Catena-X ecosystem.

Central to the discussion are the concepts of the standardized data and information exchange platform, which is based on the principles of openness and interoperability. By introducing a connected data infrastructure, Catena-X aims to drive digital transformation in the automotive industry and optimize collaboration between manufacturers, suppliers, and service providers.

Additionally, the lecture will address the benefits and challenges of such a platform, as well as the importance of data security and privacy within the context of Catena-X.