

## Arnold NextG among the top 3 startups at the German Innovation Award 2025

### Startup Arnold NextG redefines fully autonomous driving without a steering wheel with groundbreaking technology

Arnold NextG is one of the top three technology newcomers in Germany and has been nominated as a finalist for the German Innovation Award 2025 in the "Start-ups" category. The jury recognized the company's groundbreaking NX NextMotion technology, which is the key to fully autonomous Level 5 driving - without a steering column, without a safety driver, and with maximum safety, regardless of the platform.



*Arnold NextG CEO Kevin Arnold with the NX NextMotion technology - setting new standards for autonomous driving - the key to the future of autonomous driving. Photo: Arnold NextG*

"This nomination is a great honor for us and confirms that our vision of fully digital, safe mobility is shaping the future," said Kevin Arnold, CEO and co-founder of Arnold NextG. "With NX NextMotion, we are setting a new standard for vehicle control systems - safe, scalable and pioneering a completely new type of mobility. This recognition validates our course and motivates us to move forward with even more energy".



## **NX NextMotion - more than vehicle control**

NX NextMotion is not just a control system - it is the heart of Level 5 autonomous driving and other fully automated applications. The innovative technology combines Steer-by-wire, Brake-by-wire and Acceleration-by-wire in a TÜV-certified central control unit developed in accordance with the highest safety standards of the automotive industry (ISO 26262 ASIL-D, ISO 21434 for cybersecurity). A unique feature of NX NextMotion is the central interface, which enables the integration of all environmental sensors and the control of all secondary functions such as turn signals or horn - all in a single, ultra-redundant, fail-safe platform.

Arnold NextG goes far beyond the role of a component supplier and positions itself as a holistic system provider. Hardware and software are completely developed and manufactured in Germany. With five of its own development sites, Arnold NextG covers the entire value chain - all from a single source. In addition to technological excellence, Arnold NextG offers a global dealer and service network that enables the scalable, platform-independent and manufacturer-independent integration of fully autonomous driving functions.

## **Other applications beyond fully autonomous driving**

The Arnold NextG technology opens up a wide range of applications: It enables fully autonomous Level 5 driving - completely without a safety driver - while offering flexible retrofit solutions for existing vehicle fleets, regardless of manufacturer or platform. It also supports innovative concepts such as platooning, which enables safe and efficient convoy driving for logistics and transportation. Arnold NextG also sets new standards in teleoperation and remote control, enabling reliable remote control of vehicles that benefit from maximum flexibility and safety. In addition, the technology helps to ensure safe and self-determined mobility for people with disabilities.

With more than 17,000 converted vehicles and more than two billion kilometers driven, Arnold NextG has unique practical experience in the field of drive-by-wire. This extensive expertise forms the basis for the continuous development of the technology.

## **The Vision: Software Instead of a Steering Wheel**

A vehicle that controls itself completely digitally - without a steering column, without a safety driver. Arnold NextG is developing mobility that is safer, more precise and more flexible than ever before. With NX NextMotion, the company is creating the technological basis for autonomous driving in special vehicles, urban mobility solutions and the automotive industry of tomorrow.

Whether Arnold NextG wins the German Innovation Award 2025 will be decided at the award ceremony on March 27, 2025 at the Dampfdom in Munich.

# PRESS RELEASE

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*Two brothers, one vision: the future of mobility. Kevin and Luca Arnold (from left) founded Arnold NextG in 2021 to reimagine the future of mobility. Photo: Arnold NextG*



*Mit NX NextMotion wird vollautonomes Fahren Realität – ohne Lenksäule, ohne Sicherheitsfahrer. Foto: Arnold NextG*



*NX NextMotion: The central interface for all-digital vehicle control. Photo: Arnold NextG*

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## About Arnold NextG:

*Arnold NextG realizes the safety-by-wire® technology of tomorrow: The worldwide unique and multi-redundant central control unit NX NextMotion enables a fail-operational and individual implementation, independent of the vehicle platform and unique in the world. The system can be used to safely implement autonomous vehicle concepts in accordance with the latest hardware, software and safety standards, as well as remote control, teleoperation and platooning solutions. As an independent pre-developer, incubator and system supplier, Arnold NextG takes care of planning and implementation - from vision to road approval. With the road approval of NX NextMotion, we are setting the global drive-by-wire standard. [www.arnoldnextg.com](http://www.arnoldnextg.com)*