

Media information

## Automated driving: CARIAD acquires automotive division of sensor data fusion specialist Intenta

- CARIAD increases depth of value added in the development area of automated driving with takeover
- Sensor data fusion is building block in tech stack of automated driving functions
- CARIAD CTO Lynn Longo: "Pursuing the goal of developing key software components in-house"

Wolfsburg/Ingolstadt/Chemnitz | April 8, 2022 – On the road to automated driving: CARIAD acquires the automotive division of Intenta GmbH, where more than 100 experts work in the field of sensor data fusion. With this know-how, the Volkswagen Group's software company is increasing its depth of value added and, at the same time, accelerating the development of assisted and automated driving functions. CARIAD is developing these up to Level 4 for all of the Group's car brands. Completion of the acquisition is expected towards the end of 2022 and is still subject to approval by the antitrust authorities.

"Our goal is to develop key software components ourselves and increase the depth of value added in key development areas," says Lynn Longo, Chief Technical Officer at CARIAD. "That's why we are expanding our expertise along the entire tech stack for automated driving. One building block here is sensor data fusion. With the acquisition of Intenta's automotive unit as a proven specialist in this field, we are expanding our competencies."

The fusion of the various data coming into the car – whether from the lidar and radar sensors, cameras, navigation or in-cabin monitoring with occupant observation – plays an important role for automated driving functions. Merging and overlaying all this data creates an accurate and consistent image of the environment. This enables the vehicle to recognize objects in its environment, interpret their movements, and therefore move safely

and automatically in its surroundings. Sensor data fusion is therefore an important prerequisite for the high safety requirements of assisted and automated driving, where drivers can take their hands off the steering wheel and use the time for other activities. In addition, Intenta's automotive developers have expertise in the development of swarm services and display functions.

CARIAD already made an acquisition in the development field of automated driving last year and took over the camera software division of Hella Aglaia. The acquisition of Intenta's automotive unit is now the next logical step. CARIAD is pursuing the goal of massively increasing its vertical value creation in software and hardware development in the coming years through the recruiting of experts, acquisitions and strategic partnerships. In this way, the company intends to retain control over and help shape the customer experience in software-controlled cars in the future. By the middle of the decade, the company intends to develop a large part of the software in strategic areas of software and hardware architecture, the operating system, the cloud, automated driving and infotainment in-house.

### About CARIAD SE

CARIAD is an automotive software company in the Volkswagen Group that is consolidating and further expanding the Group's software competencies to transform automotive mobility. The company is developing the leading tech stack for the automotive industry with the mission to make the automotive experience safer, more sustainable and more comfortable in a new way – for everyone, everywhere. Established in 2020 under the name Car.Software Organisation, around 4,500 engineers and developers around the world are now working at CARIAD to build a uniform software platform for all brands of Volkswagen Group, which includes a unified and scalable architecture, an operating system and automotive cloud. The new software platform will first be deployed at the end of 2025. In addition, CARIAD is working on outstanding digital automotive features, including ADAS systems, a standardized infotainment platform, software functions for linking powertrains, and chassis and charging technology, as well as new ecosystems and digital business models in and around the vehicle. CARIAD operates in software competence centers in Wolfsburg, Ingolstadt, the area of Stuttgart, Berlin and Munich, and is closely co-operating with international development teams in the Volkswagen Group in the US and China. Find out more:

<https://cariad.technology>

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