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## Volkswagen and TraceTronic establish neocx – a joint venture for automated software integration

- Partners to build a platform for highly automated testing and integration of automotive software and digital functions (CI/CT factory)
- Volkswagen aims to use CI/CT factory to accelerate the development of digital functions
- With the implementation of a CI/CT factory for Volkswagen, TraceTronic is expanding its capacity to deliver integrated solutions to global manufacturers

Wolfsburg/Dresden – Volkswagen is strengthening its expertise in the integration of automotive software. At present, high-performance automotive functions can only be achieved by networking many individual software and hardware components. Integrating these components and testing the resulting assembly is a key development task for Volkswagen. As part of its ACCELERATE strategy, Volkswagen is seeking to grow automotive software integration and the digital customer experience as core competencies. The company has therefore established a joint venture with TraceTronic, a world-leading provider of solutions to test and integrate automotive software. Each partner holds 50 percent in the joint venture, named neocx, which will create a continuous integration/continuous testing (CI/CT) factory.



Rocco Deutschmann, CEO TraceTronic Group, and Axel Heinrich, Volkswagen Head of Electronics Development, at the neocx foundation ceremony in Dresden

This is a platform which brings together high-performance tools for the automated testing and integration of automotive software and networked services. In this way, Volkswagen aims to accelerate the development of digital functions such as over-the-air updates, which are provided to the owners of ID. vehicles every three months. Prior to this, the updates are to be integrated and tested with solutions from neocx. This makes the new joint venture a key contributor to the development process.

Thomas Ulbrich, member of the Volkswagen Board of Management with responsibility for Technical Development: "With ACCELERATE, we have set ourselves the goal of evolving the car into a software-based product. The safe and efficient integration of software into our vehicles is therefore a critical competitive factor for Volkswagen. Our new joint venture, neocx, is a cornerstone in strengthening our expertise in this area so we can offer our customers a first-class digital driving experience."

Rocco Deutschmann, CEO of the TraceTronic Group: "We are pleased that Volkswagen has chosen to partner with TraceTronic in the large-scale implementation of a CI/CT factory for Volkswagen and its suppliers. Deploying our TraceTronic software tools and expertise, we can help our customers worldwide with the continuous integration and testing of automotive software using state-of-the-art methods."



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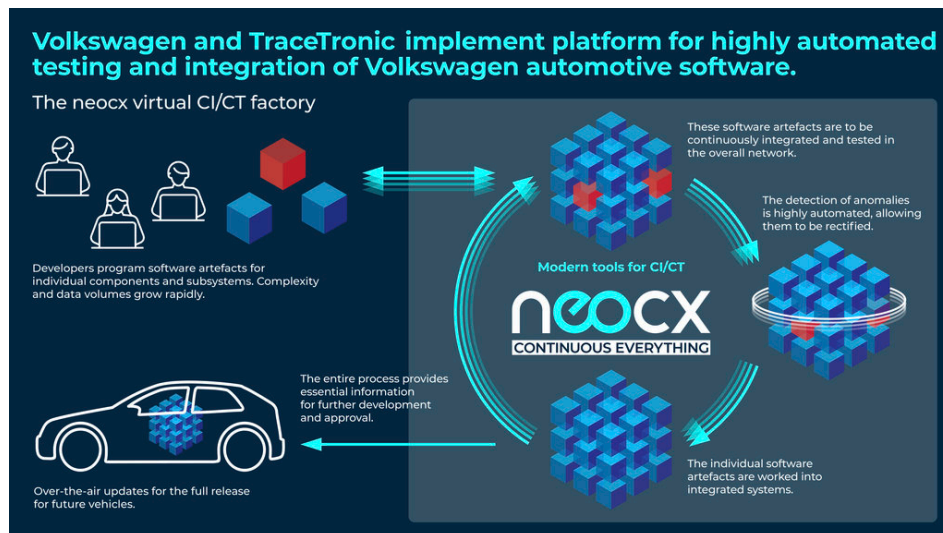
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**neocx CI/CT Factory brings together high-performance tools for the automated testing and integration of automotive software and networked services.**

## Far shorter development cycles and faster updates

The neocx CI/CT factory is to provide scalable development and testing tools in response to the exponential increase in the size of software packages and data volumes in fully networked vehicles. It will make it possible to incorporate individual software components into integrated systems – such as driver assistance systems – at an early stage of development in order to test their compatibility and performance. The high-performance solutions from TraceTronic are the basis for this approach. In addition, the partners aim to consistently expand the functional scope of the platform. They are deploying new technologies and test processes from fields including machine learning, data analytics and scenario-based testing. The consistent use of cloud technology also facilitates the creation and integration of a highly scalable virtual testing environment.

## CI/CT factory standardizes test and integration landscape

Volkswagen can already leverage internal Group synergies in developing software for its fully networked vehicles. CARIAD, the Group's software company, is developing a standard software platform for all Group brands. neocx is a further building block in transforming the Volkswagen brand into a software-based mobility provider and has the goal of integrating the digital functions developed by CARIAD into Volkswagen's vehicles, testing them in highly automated processes and accelerating the roll-out to customers.

Volkswagen is collaborating closely with Audi and Porsche in these activities. It is planned that the CI/CT factory will also be used by the sister brands in the future, thus harmonizing the testing and integration landscape across the Volkswagen Group. The standard interfaces will also facilitate the integration of development partners, suppliers and third-party tools.

Work on the CI/CT factory will start immediately. neocx will deploy agile methods and grow its workforce to a three-digit figure in the years ahead. The young company is therefore seeking to recruit additional experts for its main location in Dresden and its secondary location in Wolfsburg.

## Media information



Video: [Volkswagen and TraceTronic establish neocx](#)



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TraceTronic is a leading international developer of solutions for the automated testing and integration of automotive software. It combats increasingly complex functions and exponentially rising data volumes in vehicles with test automation and a framework that allows the integration of even heterogeneous test landscapes. TraceTronic solutions, processes, methods and tools are established worldwide in all phases of vehicle development.

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The Volkswagen Passenger Cars brand is present around the world in more than 150 markets and produces vehicles at more than 30 locations in 13 countries. In 2020, Volkswagen delivered around 5.3 billion vehicles. These include best-sellers such as the Golf, Tiguan, Jetta and Passat as well as the all-electric ID.3 and ID.4. Currently more than 184,000 people are working at Volkswagen around the world. Added to this are more than 10,000 dealers and service partners with 86,000 employees. With its ACCELERATE strategy, Volkswagen is consistently implementing its evolution as a software-based mobility provider.

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