

Grammer coordinating AdaProQ digitization project: Adaptive process chains as key to Production 4.0

- *Partnership project initiated by the German Federal Ministry for Economic Affairs and Climate Action*
- *Total budget of 19.1 million euros for the digitization of the production chains of automotive OEMs and component suppliers*
- *Grammer is the network coordinator in cooperation with the Fraunhofer Institute for Machine Tools and Forming Technology and partner companies from the automotive industry*

Grammer AG, March 24, 2022 - AdaProQ - short for Adaptive Process Chains for Increasing Production Quality and Efficiency - is a digitization project initiated by the German Federal Ministry for Economic Affairs and Climate Action, in which Grammer AG is playing a central role as the network coordinator. "With AdaProQ, we are taking the next step towards Production 4.0 together with strong partners from the automotive industry," explains Jens Öhlenschläger, Chief Operating Officer at Grammer AG. "Together, we are working on viable solutions for the digitally networked, adaptive production chain of the future. Supported by partners such as the Fraunhofer Institute for Machine Tools and Forming Technology and funded by the German Federal Ministry for Economic Affairs and Climate Action, the project is creating a win-win situation for all involved. By regularly sharing with our partners, we are building up joint expertise from which the entire industry in Germany will benefit."

The aim is to create uniform digital processes and structures in the production and supply chains of the German automotive industry, which will be developed at the sites of the participating companies. In Grammer's case, these are primarily the plants in Haselmühl and Ebermannsdorf. In regular meetings of the project partners, individual steps such as the creation of digital twin workpiece data, the unique identification of components for quality control and the optimum human-machine interface will be implemented within a self-regulating framework.

The results of this partnership will permit more integrated and active quality assurance, while standardization will also render production and delivery processes more efficient and cost-saving. A total budget of 19.1 million euros has been set aside to implement this ambitious project. Of this, an average of more

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than 50 percent across all partners will be funded by the German Federal Ministry for Economic Affairs and Climate Action, with the remainder contributed by the project partners.

Following the launch of the project in October 2021, the responsible people at Grammer are currently working with specialists to inventorize the production machinery and conditions so that the next steps can be planned. With regard to the planned digitization, the initial focus is on hardware and software standards as well as interfaces that can be used as widely as possible. Once these have been identified and adopted by the project partners, the first new processes and structures can be implemented.



With the digitization project AdaProQ, Grammer takes the next step towards Production 4.0.

Source: iStock/yoh4nn

About AdaProQ

The AdaProQ digitization project is a partnership between the Fraunhofer Institute for Machine Tools and Forming Technology, partners from the automotive industry and Grammer AG. The project has a budget of 19.1 million euros, with the funding provided by the German Federal Ministry for Economic Affairs and Climate Action averaging more than 50 percent across all partners. The aim is to create a generic methodology framework for adaptive process chains in order to increase production quality and efficiency in the German automotive industry. In addition to Grammer AG, the following companies are part of the team: Gestamp Autotech Engineering Deutschland GmbH, Batix Software GmbH, Eichsfelder Schraubenwerk GmbH, Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V, Fraunhofer Institute for Machine Tools and Forming Technology (IWU), KAP Surface Holding GmbH, Merantix Labs GmbH, Promess Gesellschaft für Montage- und Prüfsysteme mbH, OptWare GmbH, Schütz + Licht Prüftechnik GmbH, Senodis Technologies GmbH, Siemens AG, Volkswagen AG. Learn more: www.adaproq.de

Company profile

Grammer AG, headquartered in Ursensollen, Germany, is active in two business segments: Grammer develops and supplies high-quality interior and operating systems as well as innovative thermoplastic components for the global automotive industry. For trucks, trains, buses, and off-road vehicles, Grammer is a full-service provider of driver and passenger seats. Currently, Grammer AG employs around 14,000 people in 20 countries worldwide, with sales of around 1.7 billion euros in 2020. Grammer shares are listed in the Prime Standard and traded on the Munich and Frankfurt stock exchanges as well as via the Xetra electronic trading system.