Next generation regulatory management system

Always up to date with the regulatory world:
Bosch and Certivity improve regulatory processes within Driver Experience (XC-DX) and Automated Driving (XC-AD).

THE CHALLENGE

The products of automotive companies such as Bosch are highly regulated. Regulatory requirements must be constantly tracked, updated, interpreted and translated into engineering requirements. The human effort is disproportionately high: scanning official websites, finding the right documents, filtering out irrelevant content and reassembling fragmented information. The challenge was to simplify the above-mentioned regulatory process and eliminate many burdensome, time-consuming and error-prone manual steps to achieve a complete & consistent regulatory data.

THE SOLUTION

The Certivity software acts as a single point of contact. With just a click of the mouse, engineers can read any version of a regulatory document, easily compare two different selectable versions, benefit from highlighting differences, collaborate via a review feature, add their own interpretations and finally export the results to the most common engineering databases. To achieve this, Certivity uses advanced technologies such as graph data models to trace regulatory paragraphs from their real-world documents to the digital object on the Certivity platform, as well as AI algorithms to find requirements in regulatory documents.

IMPACT

Based on real user feedback from Bosch, Certivity has improved the software and successfully implemented a number of new features. Engineers can be confident that the latest regulations are included. Comparing, adding review comments and interpretation processes have been made easy. According to feedback from Bosch, the software has reduced the time spent on each engineering request by around 30 minutes. The next step is to establish intelligent tailoring to meet company-/project-specific needs.

CERTIVITY

Certivity is offering a software solution that allows its customers to connect the undigitized regulatory world to the digital engineering processes, thus simplifying product compliance.

Certivity's platform is ensuring a more efficient, faster, cheaper and safer technical compliance in the engineering processes through a next generation software that leverages AI, Cloud and Big Data technologies for regulatory data.

Certivity is mainly targeting customers in the automotive, medical devices, aerospace, defense, agriculture, and forestry vehicles industries. Their focus is on applications in business areas such as requirements engineering, vehicle testing, technical compliance and homologation/certification.

✳ certivity

HEADQUARTERS
Germany, Munich

FOUNDED
2021

NO. OF EMPLOYEES
11 – 50

WEBSITE
certivity.io

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CONTACT FOR THIS PROJECT

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ABOUT STARTUP AUTOBAHN

STARTUP AUTOBAHN powered by Plug and Play is an open innovation platform that provides an interface between innovative tech companies and industry-leading corporations. The basis of the program is the partnership that develops between startups and the corporate business units. The two entities hold an equal footing from the get-go: together they evaluate the potential for a joint venture, move forward to pilot the technology, and work to achieve the ultimate goal – a successful production-ready implementation. Designed with the intention to exceed startup acceleration, STARTUP AUTOBAHN powered by Plug and Play moderates a community for collaboration with a focus on implementable results. Over the years, the platform has successfully cultivated over 400 projects with more than 300 startups since its founding in 2016.