



Dear Readers,

In the automotive world, we mostly focus on the future. For this issue of RealTimes, we also take time to reflect on the past ... and for good reason, as you will see!

We have set our sights on the future and are taking off into new worlds in automotive software development. Automotive electronics is undergoing profound changes. The megatrends connectivity and automated driving require completely new E/E architectures and development processes. Powerful vehicle computers with microprocessors as well as the AUTOSAR Adaptive standard are supplementing and, in some cases, even replacing conventional ECUs with microcontrollers. We would like you to join us in shaping this dynamic change.

ETAS already offers developers the "gear" they need to discover this new and exciting world, for instance with the RTA-VRTE platform software framework and the ISOLAR-A_ADAPTIVE architecture design tool.

Our articles on other forward-looking topics such as future-proof test systems, a simulation model for fuel cell systems, and the question of how to quickly comb through large volumes of data, highlight further interesting facets of the work involved in developing the vehicles of the future.

But our focus is not limited to the future. You will also find articles on our established products, such as the MDA V8 and INCA-FLOW, as well as a success story about the SCODE tools. We assure you, these articles are an equally exciting read.

The past plays an important role for us in 2019 in particular, as it is the year in which ETAS celebrates its 25th anniversary. We are very proud of our success over the past 25 years, and we could not have achieved it without you, our customers and partners. Browse the anniversary pages and look back with us to see where we came from.

Last but not least, you'll find our special feature on ESCRYPT with topics such as automotive security as a strategic task, protection of hybrid vehicle networks, and AUTOSAR security – after all, we don't want to venture into new worlds without a "safety net" in place.

We hope you will enjoy this issue of RealTimes as you explore the future and reminisce about the past. Thank you very much for the trust you have placed in us for the past 25 years. Here's to the next 25 years, and true to our anniversary motto: stay wild at heart!

Friedhelm Pickhard Bernd Hergert Christopher White

Left to right:

Christopher White

Executive Vice President Sales

Friedhelm Pickhard

President

Bernd Hergert

Executive Vice President Operations