

by steadily improving its HSM software stack, CycurHSM. The latest generation of CycurHSM offers even more user-friendly and differentiated options for implementing customized IT security functions in ECUs. The new HSM firmware enables easy configuration via the applet manager plus activation of individual security features using the variant management system. The ASPICE-compliant software also comes with a flexible keystore architecture.

End-to-end protection is the name of the game when it comes to securing connected vehicles and their increasingly automated driving technologies in the future. Developers need to secure all the critical points in the connected environment by integrating technology such as intrusion detection systems, automotive firewalls, secure over-the-air software updates and secure V2X. End-to-end protection means embedding IT security functions right down at the most fundamental component levels of digital vehicle functions – in other words within the microprocessors of individual ECUs. That’s exactly what hardware security modules can offer. They lie at the heart of today’s developments in automotive security – and their future looks equally bright (see Figure 3). ■

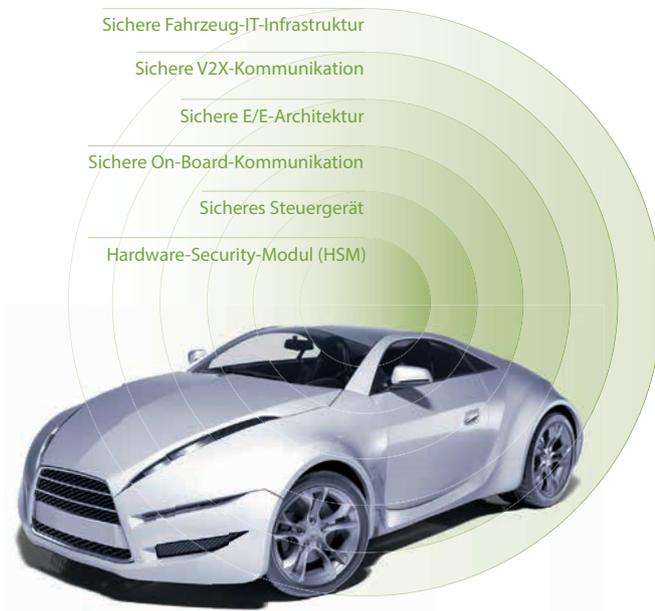


Figure 3: Hardware security modules (HSMs) lie at the heart of automotive security

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ESCRYPT honored as “Innovator 2018”

Renowned German business publishing house **brand eins** recently released its annual ranking of the most innovative German companies – and ESCRYPT was one of the top performers. The company took a leading position among SMEs in the Technology and Telecommunication category, earning the accolade **“Innovator of the year 2018”**.

Guided by specific selection criteria, more than 25,000 experts were asked to name innovation leaders from a pool of over 3,400 companies. ESCRYPT received an above-average number of recommendations in all three predefined innovation areas: products and services, process innovations, and corporate culture. **“We are delighted to have received this award,”** says Division Head Uwe Müller. **“More than ever, it’s an incentive to ensure innovation continues to be the driving force at our company.”** ■

