Best German cybersecurity start-up goes to market with innovative offering

Stuttgart, 16.12.2020. The security of private and industrial IoT devices is an important topic for the future. Regular updates of the corresponding components of devices, machines and systems play a central role here. The Stuttgart-based start-up asvin now presents an offer that secures and monitors the software lifecycle without much effort - from development and distribution to operation on devices. The offering will initially be available free of charge in 2020 at app.asvin.io.

The start-up asvin was recently named Germany's best cybersecurity start-up at the it-sa security congress. Now the Stuttgart-based company is launching its innovative product on the market: asvin has developed a secure, robust solution to close security gaps in IoT devices via updates and keep them functional in the long term. This is because in cyber attacks on Internet-connected devices or machines, hackers usually exploit the security gaps presented by a lack of updates and patches. Hackers cause over 100 billion euros in damage to the German economy alone every year.

Simple operation: Software as a service

With digital certificates in a distributed ledger and ongoing monitoring, asvin can significantly reduce liability risks from hacker attacks: The software platform and decentralized infrastructure provided by asvin distribute updates and patches for IoT end devices, the process is documented and thus secures the delivery of updates against manipulation. As "Software as a Service", this solution is easy to use, reliably calculable and cost-effective. With asvin's offering, individual update rollout plans are possible, as is the automatic execution of rapid security updates in the event of a crisis.

At the same time, attempts at manipulation by attackers can be quickly detected and warded off. In addition, the asvin Chain-of-Trust creates the basis of trust for software supply chains: from the certification of a software to the update of a device and the operation of the software over the entire lifecycle.
"We are very proud to be able to contribute to making the Internet of Things more secure with our offering," explains asvin CEO Mirko Ross. "Cyber security in the Internet of Things is the topic of the coming years. In addition to a growing need in industry, the regulatory framework is changing worldwide to enforce better product security. This is another area we cover, asvin can help companies meet future regulatory requirements."

Free offer this year

The asvin platform will initially start as a soft launch, and in 2020 all services will be made available free of charge at **app.asvin.io:** Users can register, enroll, classify, organize and manage devices in groups.

It is also possible to upload firmware files and create and execute rollouts for all device groups.
and execute them. Various settings can be tried out in advance in sandbox mode. All necessary first steps are explained in detail. From 1.1.2021 registered devices will be charged with
0.99 € per year. This includes three updates per year, which can be used for all devices.

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About asvin
Founded in September 2018, the Stuttgart-based start-up asvin develops a secure open-source update solution for all applications related to the Internet of Things. The application enables to close security gaps in IoT and IIoT and thus to manage business processes without risk. Currently, the systems are in the pilot phase. Further information: www.asvin.io

Image

The management team of asvin GmbH (from left to right):
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