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# Infineon Partners with German Companies to Propel Research on Industrie 4.0

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*A joint research team and partners aligns with Infineon technologies to snowball industrie 4.0 and IoT solutions*



ALESSIO research project under the leadership of **Infineon Technologies** contains the objective to develop and assess these security mechanisms. The joint team will work to snowball Industrie 4.0, self-driving cars or smart home solutions – connected machines and high-value goods need security mechanisms that can be updated.

There is a length of project partners from Munich including Fraunhofer Institute for Applied and Integrated Security (AISEC), Giesecke & Devrient GmbH, Siemens AG and the Technical University of Munich (TUM) as well as Karlsruhe-based WIBU-SYSTEMS AG.

The project is sought to run until the end of 2019 and is funded by the Federal Ministry of Education and Research (BMBF) with approximately Euro 3.9 million.

Every new connected device in the Internet of Things is a potential target: sensitive data and information that are not sufficiently protected could be captured and used for further attacks.

This is why reliable protection for safety-critical information is based on a combination of software and hardware. The hardware – a security chip – is comparable to a safe: a highly protected area in which data and security keys are stored separately from the [software](#).

But due to the long life-span of industrial facilities e.g. manufacturers need to be able to respond to changed or new attack methods. Hence the data and security-relevant information in these devices and industrial plants have to be updatable.

Within the next three years, the ALESSIO research partners will develop updatable [security solutions](#) for such embedded systems.

## IN TALKS



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Anil kumar Challyil, Business Development Strategic Programs, element14



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Biswas Nair, Founder & Managing Director Cloudtech



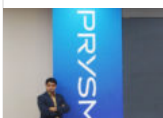
### Shivaami M Cloud Ubiq India

Punit Thakkar, CEO, Shivaami



### Microchip, The Next S Unfolded

Ganesh Moorthy | COO | Microchip Tech



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Kumar GB, Vice-President of Sales at Pr

## Telecom



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