

Building the IoT System of the Future with Sensry

Dresden, Germany

Technological breakthroughs call for innovative synergies. We are delighted to announce a new company Sensry for innovative IoT solutions. Sensry develops a technological platform that allows smaller system vendors to shoulder the growing development and manufacturing efforts for next-generation electronics.

As SMEs seek high-performing products tailored to their individual applications and services, their challenge is to create a highly-integrated technical solution of limited quantity featuring smart, secure and networked systems. Since technological requirements and development costs are often too high, SMEs have a need for a new standard semiconductor for growing applications such as in IoT.

[Sensry](#) will offer such an individual sensor node: An unprecedented, new chip with highly flexible and customizable hardware configurations with Sensors in a SiP (System in a Package), and adaptability to customer requirements. The modular technology, which is inherently secure by design, responds to the demand of SMEs. It will enable the use of future system architectures and production methods.

As the importance of secure IoT Systems is growing each day, Sensry insures security by design with an integrated hardware crypto unit and a protective working mode.

Sensry introduces a completely new way of hardware on-the-fly configuration including radio units and RISC-V configurable core.

The products will have key advantages as they will be

- Affordable technology which can scale for the expected billions of devices in IoT expected over the coming decades;
- Specifically built towards IoT and data ensuring security by design;
- Developed by and for the IoT community with both business and tech stakeholders.

The development project for this platform is running with Fraunhofer institutes under the leadership of the Fraunhofer IIS/EAS and Globalfoundries, advised by IoT Company Builder Next Big Thing and supported by the Free state of Saxony Germany and the European Union in the framework of the European Regional Development Fund (EFRE).

Konrad Herre, a semi-conductor industry veteran and CEO of Sensry says:

“IoT creates tremendous momentum for business ideas in all industry segments. Yet many creative and innovative IoT startups often lack the bandwidth to find the right technical solutions. Selection of suitable chips is extremely complex, since a wide variety of sub-functions must be combined into a new IoT hardware solution. Access to specific know-how is typically beyond a startup or SME’s usual core competencies.

Sensry provides startups and SMEs with uncomplicated access to leading-edge IoT system-on-a-chip technology in order to build application-ready modules. Complexity of components, modules, and functional groups should no longer be an obstacle nor an innovation brake.

Driven by Economy of Things Security-by-Design is also key; security not only includes the IoT device itself, but also complete end-to-end communication.”

To learn more about the IoT applications of the future and the unique solution itself, visit the [Sensry](#) website.

Sensry also exhibits at the IDTechEx Conference and exhibition April 10th/11th Berlin Germany as part of the Launchpad exhibition.

Please visit our booth A14 at www.idtechex.com for more information and demos.

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