

SISSEC

SECURE INDUSTRIAL SEMANTIC SENSOR CLOUD

The R&D project [SISSEC](#) Secure Industrial Semantic Sensor started in 2018 Cloud and will run until September 2022. The project started when six partners from the then ZIM network (Central Innovation Program for SMEs) [SISEN](#) Secure Industrial Systems Enabling Network joined forces to develop a central cloud environment for manufacturing SMEs. This should enable data from industrial sensors to be securely recorded, processed and profitably exploited.



The Cluster Mobility & Logistics (former IT-Logistikcluster) supervised the entire process from idea generation, preparation of the project outline, submission of the complete application, processing of the additional requirements to the grant and the following research and development work. For example, a meeting with a representative of the VDI/VDE-IT Munich was organized at the beginning for a pre-review of the project outline, which was immediately followed by positive feedback. In addition, the cluster was able to support the procurement of new project partners due to its huge network and thus helped to organize a change of project partners shortly before the submission of the full proposal.



The project was finally initiated from the ZIM network [SeDiPeT](#) Secure Digital Performance Twin (follow-up network of SISEN) and has been funded by the BMWi (Federal Ministry for Economic Affairs and Energy) since its approval in November 2019. The consortium consists of **four companies**, Hofmann Leiterplatten GmbH, Schindler & Schill GmbH, Segusoft GmbH and TG alpha GmbH, and **two research institutions**, TH Deggendorf and University of Regensburg. In regular consortium meetings the current project status has been discussed and the project progress has been monitored. At the end of the project in September 2022, SMEs should be supported by the solution developed in the project on their way to Industry 4.0 and thus remain competitive in the future.



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