

The cloud service developed by LEXER RESEARCH, Fraunhofer IPA, and Virtual Fort Knox was introduced at the Cloud Mall of Baden-Württemberg.

LEXER RESEARCH. Inc has been developing a cloud service together with its business partners, Fraunhofer IPA and Virtual Fort Knox, as part of its efforts to achieve digital transformation and Industry 4.0 in German manufacturing. This cloud service is based on LEXER RESEARCH 's production system simulator "GD.findi" and has been featured in "Cloud Mall," an initiative by the government of Baden-Württemberg to promote cloud technology.

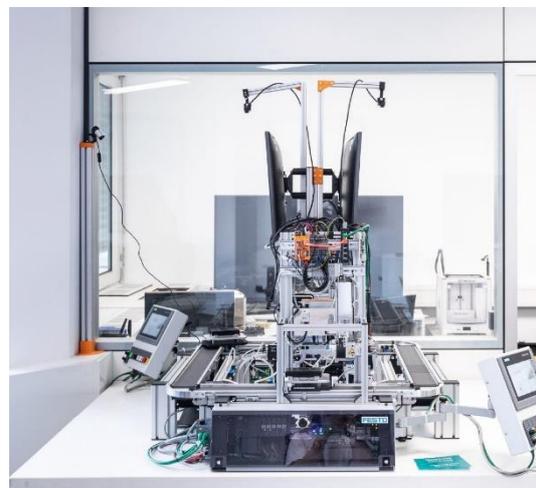
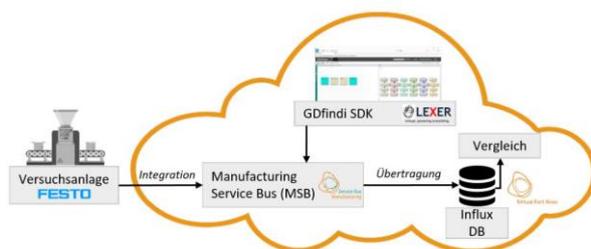
LEXER RESEARCH. Inc has been working with Fraunhofer IPA since 2018 to provide LEXER RESEARCH's production system simulator "GD.findi" to support Virtual Fort Knox. Virtual Fort Knox is a cloud platform developed by the Fraunhofer IPA to realize Industry 4.0.

The purpose of this project is to integrate Virtual Fort Knox's technology and GD.findi with the Manufacturing Service Bus (MSB), a software integration service, to realize optimized daily production planning simulation and digital real-time PDCA cycle.

The cloud service being developed in this project introduced in the "Cloud Mall", an initiative by the government of Baden-Württemberg to promote cloud technology.

(<https://cloud-mall-bw.de/praxispiloten/>) This cloud service runs on Virtual Fort Knox's cloud platform with GD.findi as the internal optimization engine and works with actual facilities.

As a cloud service for a manufacturing industry that combines LEXER RESEARCH's simulation technology with the German public cloud platform, we will contribute to achieve Industry 4.0 and introduce cyber-physical systems to the manufacturing industry in Germany.



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Related Links

- Virtual Fort Knox

<https://www.virtualfortknox.de/en>

- Fraunhofer IPA

<https://www.ipa.fraunhofer.de>

- Baden-Württemberg, Germany “Cloud Mall”

<https://cloud-mall-bw.de/praxispiloten/>