

# Partnership with Technowelle

PARTNER



TechnoWelle



LieberLieber

# LieberLieber Software: Partnership with Technowelle

The German startup Technowelle is a new partner of LieberLieber and will further develop Autosar Engineer, which was introduced in 2014, under the name Modsar. Technowelle's goal is to support customers in creating innovative concepts for the development of UML architectures and AI projects.

Vienna/Darmstadt – The new partnership underlines the industry's continued interest in LieberLieber's expertise around Model-Based Systems Engineering (MBSE) in 2021. One particular aspect of the collaboration is the active expansion of the Autosar Engineer, launched by LieberLieber in 2014, under the name Modsar. Technowelle is already a member of the Autosar community due to its founder and managing director Mahmoud Abd El-Samad's more than 15 years of experience in the automotive industry: „Although we are a young company, we already demonstrate high competence and a broad range of skills in the fields of Autosar, functional safety and artificial intelligence. As a special service, we have highly qualified contract engineers who help companies overcome their current challenges on a temporary basis. By working with LieberLieber around Enterprise Architect, LemonTree and the Autosar tool Modsar, we enrich and deepen our expertise to better meet the high demands of our customers.“



**Mahmoud Abd El-Samad**  
Founder and CEO of the  
LieberLieber partner Technowelle

## **AUTOSAR EXPERTISE FOR THE HIGHEST DEMANDS**

When LieberLieber introduced the Autosar Engineer in 2014, it was already clear that the future development of vehicles would be dominated by software. This trend has been significantly reinforced by e-mobility and developments towards autonomous driving. In 2003, leading companies in the automotive sector founded the Autosar (Automotive Open System Architecture) development partnership to make it easier to deal with the increasingly complex automotive electronics. It has established itself as an open industry standard for software architecture in vehicles. The Autosar Engineer was developed by LieberLieber as a product package for the professional creation of Autosar models using Enterprise Architect (Sparx Systems). It is based on the Autosar architecture and makes the development of new applications much easier.

Dr. Konrad Wieland, Managing Director of LieberLieber: „We are pleased that Technowelle wants to take up our basic concept of Autosar Engineer and bring it up to current requirements. We know the company’s founder Mahmoud Abd El-Samad from various industrial projects and appreciate his high competence in both the modeling and Autosar environment. We will be happy to support the young company to the best of our ability and wish him every success in his target industry, which is currently characterised by major upheavals and an intensive expansion of software use.“



**Dr. Konrad Wieland**  
CEO of LieberLieber

### **ABOUT TECHNOWELLE**

Technowelle is a German startup operating in the IT & automotive industry. Its vision is to provide high quality and affordable IT solutions & services to its customers. Already Technowelle is working with companies like VW, BMW, Audi and Magna to rethink solutions and provide a wide range of customer-focused services. The startup is a member of Autosar and will further expand the Autosar Engineer developed by LieberLieber under the name Modsar.

You can read more about Technowelle here: <https://techno-welle.com>.





# LieberLieber

## **ABOUT LIEBERLIEBER SOFTWARE**

We are a software engineering company. The know-how of our employees lies in model-based software and system design based on tools such as Enterprise Architect from Sparx Systems.

Our customers are companies that place particular importance on the quality of their software and systems development. They wish to maintain a constant overview of their complex development scenarios while ensuring that security-relevant requirements are clearly represented in models.

For this task we provide our own special tools, such as LemonTree and Embedded Engineer. In addition, we offer a range of useful tool integration services to help make our customers' development processes more productive.

You can find more information here: [www.lieberlieber.com](http://www.lieberlieber.com)