

Your contact partner  
Tim Dormann  
Manager MARKETING

## PRESS RELEASE

Phone  
+ 49 7031 6288 – 3501

E-Mail  
Tim.Dormann@star-cooperation.com

Date  
17.06.2025

### STAR introduces the FL3X System-M for modern vehicle development.

With the FL3X System-M, STAR is expanding its product portfolio with a modular platform that can be used as a residual bus simulator, a high-performance gateway, and for the targeted manipulation and analysis of communication data. It is designed for a wide range of common bus systems. High-performance gateways for automotive Ethernet links with speeds of up to 10 Gbit/s are among the strengths of the FL3X System-M.

The system enables the precise simulation of missing ECUs or the integration of new ECUs into existing series, thus creating the basis for realistic test scenarios. It efficiently processes large amounts of data and offers extensive routing and filtering functions. The platform supports current security standards such as SecOC, MACsec, and various diagnostic protocols.

For communication, up to 11 SFP ports for 100/1000BASE-T1, 100BASE-TX, and 1000BASE-T are currently available, as well as an expansion module with two 10GBASE-T modules. The system also offers 16 optional digital inputs and outputs. The operating temperature range extends from -40°C to +70°C, making it suitable for use in vehicles and on test benches.

The system supports a wide range of technologies, including FlexRay, CAN-HS, CAN-FD SIC, 10BASE-T1S, 100/1000BASE-T1, and multigigabit applications up to 10 Gbps. The technical features mentioned above reflect the current state of development. The system can be flexibly adapted and expanded to meet project-specific requirements upon request.

Configuration is carried out via the user-friendly FL3X Config interface, which allows for easy customization without any programming knowledge. The modular design allows for the flexible combination of different bus protocols and ensures high future-proofing.

With the FL3X System-M, STAR ELECTRONICS offers a powerful solution for the development, protection and validation of connected vehicle systems.

Further information is available on our website.

Firmensitz/Headquarters:  
Otto-Lilienthal-Straße 5, 71034 Böblingen  
Telefon/Phone: +49 7031 6288-300  
Telefax/Fax: +49 7031 6288-199  
E-Mail: [info@star-cooperation.com](mailto:info@star-cooperation.com)  
[www.star-cooperation.com](http://www.star-cooperation.com)

Bankverbindung/Account details:  
Deutsche Bank, Stuttgart  
IBAN: DE44 6007 0070 0160 7936 00  
BIC: DEUTDESSXXX

STAR COOPERATION GmbH  
Sitz/Domicile: Böblingen  
Registergericht/Register Court: Stuttgart  
Geschäftsführer/President:  
Prof. Dr. Alfred Neher, Sofia Neher  
HRB-Nr.: 24 5011, UStID-Nr.: DE 189 768 946

The advertisement features a dark blue background with a subtle circuit pattern. On the left, the text 'FL3X' is in white with a green icon, followed by 'RELEASE' in large, bold, light blue letters. Below this, 'FL3X System-M' is written in white, and 'Your Ultimate Solution for Data Logging & Bus Simulation' is in smaller white text. On the right, a black FL3X System-M device is shown with its front panel featuring the product name and STAR logo. The STAR logo is also in the top right corner. The website 'www.flex-product.com' is at the bottom right.

BU: FL3X System-M – Innovative solution for development, testing and validation in vehicle and laboratory environments.

## About STAR COOPERATION

Networked expertise and passion to help you succeed: since 1997, STAR COOPERATION has been assisting companies of all sizes from a wide range of industries in planning and developing their projects efficiently and implementing them successfully. Customers benefit from our interdisciplinary expertise and synergies in the areas of CONSULTING, ELECTRONICS, ENGINEERING, IT, LOGISTICS and MEDIA. Our experts have extensive practical experience, helping STAR® to provide innovative ideas and sophisticated solutions – tailored precisely to our customers and their specific project needs. This enables them to make best use of their resources and to improve every day.

STAR COOPERATION is certified according to the management systems DIN EN ISO 9001:2015, ISO 50001:2011, ISO 14001:2015 and ISO 45001:2018.

Pooled expertise in ELECTRONICS: the portfolio of services offered by our experts in vehicle electronics includes a wide range of solutions for workshops, production and development, all for the testing and validation of automotive E/E systems in any voltage and power range and for any bus system.

*We look forward to receiving a sample copy.*

Firmensitz/Headquarters:  
Otto-Lilienthal-Straße 5, 71034 Böblingen  
Telefon/Phone: +49 7031 6288-300  
Telefax/Fax: +49 7031 6288-199  
E-Mail: [info@star-cooperation.com](mailto:info@star-cooperation.com)  
[www.star-cooperation.com](http://www.star-cooperation.com)

Bankverbindung/Account details:  
Deutsche Bank, Stuttgart  
IBAN: DE44 6007 0070 0160 7936 00  
BIC (Swift Code): DEUTDESSXXX

STAR COOPERATION GmbH  
Sitz/Domicile: Böblingen  
Registergericht/Register Court: Stuttgart  
Geschäftsführer/President:  
Prof. Dr. Alfred Neher, Sofia Neher  
HRB-Nr.: 24 5011, UStID-Nr.: DE 189 768 946