

# SAFETY-KIT FOR AUTONOMOUS DRIVING

**LAKE FUSION Technologies (LFT) transfers its many years of expertise in the field of aviation and the associated safety-relevant architecture to autonomous driving.**

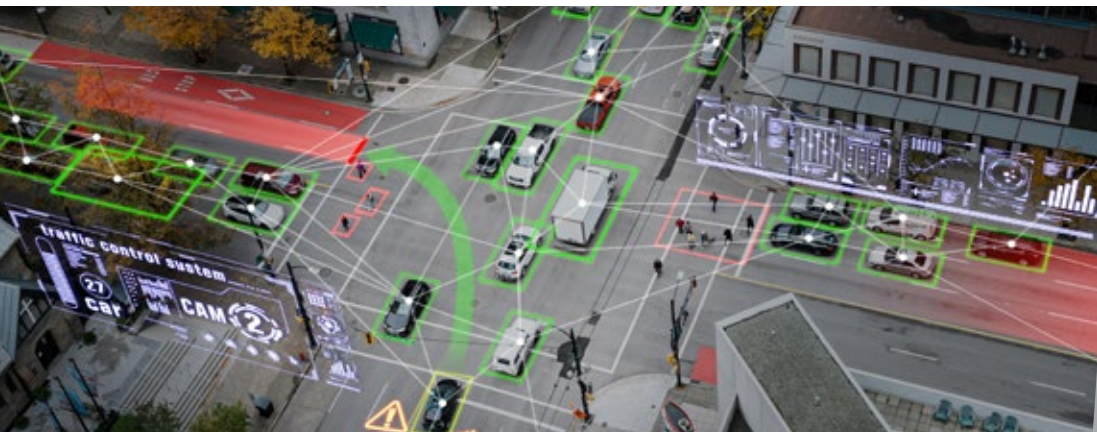
LFT makes autonomous driving as safe as flying and guides it to certification level.

The Safety-Kit is the gateway to SAE L4 approval for autonomous vehicles.

Enables safety levels up to ASIL D (SOTIF & ISO26262)  
Safety monitoring of the AI performance path (camera/radar).

## OUR MISSION

IS PILOT - SAFE  
AUTONOMOUS  
DRIVING



# TAKING RULE-BASED SOFTWARE TO SAFEGUARD AI

## VISION

LAKE FUSION Technologies GmbH (LFT) is a deep-tech company developing software solutions based on deterministic algorithms for highly automated applications.

With a commitment to innovation and collaboration, LFT is striving to create safer and more efficient autonomous driving experiences for all.

## SOLUTION

### LFT's Safety-Kit

- The Safety-Kit is comprised of rule-based environment perception software and cutting-edge fusion algorithms.
- The software, along with the necessary safety architecture, empowers the vehicles to reach safety levels of up to ASIL D, meeting the stringent requirements of SOTIF and ISO 26262.
- With LFT's Safety-Kit, the AI performance path, encompassing camera and radar systems, is continuously monitored, elevating the Automotive Safety Integrity Level to new levels.

