

# Driving the future

All about advanced driver assistance systems (ADAS)



- 100% compliance with technology of today and tomorrow
- Managing all the complexities of ADAS for your customers
- Testing and validation stages for all ADAS developments

**YOUR  
BUSINESS  
MATTERS**

[sekurit-service.com](https://sekurit-service.com)

A Saint-Gobain brand

# TECHNOLOGY THAT MOVES YOU

*We know how the world of automotive glazing has evolved over the years, mainly because we've actively contributed to it. From advanced rain sensors and Icecontrol Wires® to head-up display windshields and the integration of advanced driving assistance systems (ADAS); Saint-Gobain Sekurit has always been ahead of the curve when it comes to industry-leading innovations. And at Sekurit Service, we deliver that expertise right to your doorstep – or fitting stations, if you will. Whenever you need it.*

## WHAT IS ADAS?

ADAS stands for Advanced Driver Assistance Systems and encompasses a wide range of vehicle-based intelligent safety systems developed to automate, adapt and enhance vehicle systems for better driving. Using automated technology, such as sensors, cameras and AI-learning, ADAS are able to detect nearby obstacles, driver errors or potentially dangerous traffic situations, and respond accordingly to avoid accidents and collisions.

Our glazing solutions can protect passengers but also cameras, sensors, lidars and other perception technology that is essential for a reliable operation of driver safety assistance systems.

## EU SAFETY REGULATIONS

Vehicles are becoming smarter and safer every day. Not least because of the rapid development of Advanced Driver Assistance Systems (ADAS). In 2019, roughly two million windshields equipped with ADAS-technology were replaced. According to TÜV RHEINLAND, that number will grow to a massive 17.9 million by 2029, if only because of the new EU Regulations on vehicle safety systems that come into effect in 2024.

## ADAS AND CAR GLAZING: IT'S ALL CONNECTED

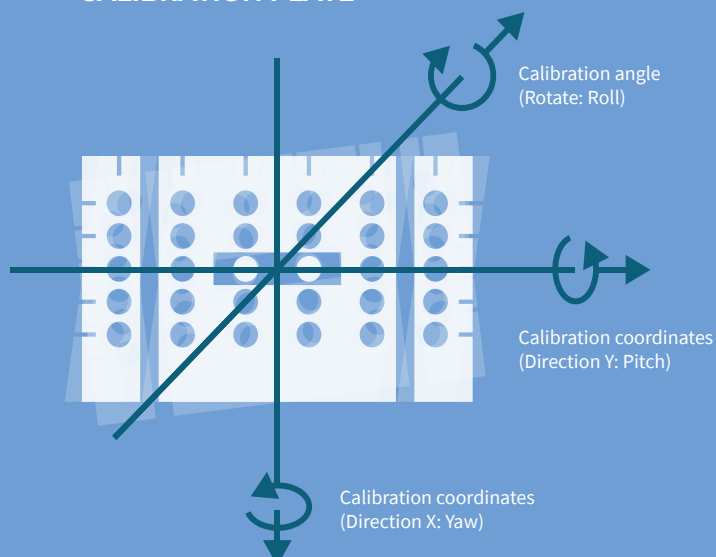
With the rapid development of ADAS and camera sensors, the integration of advanced technologies with automotive glazing becomes more and more common. Thanks to Saint-Gobain Sekurit's best-in-class glass shaping expertise, our glazing systems ensure the best optical conditions to enable reliable camera detection.

## OUR GUARANTEE: WE GET IT RIGHT 100% OF THE TIME

You have our guarantee that whatever ADAS systems are in place, whatever type of camera is used or whatever functionality is delivered by the software, we have the knowledge and experience to get it right.



## CALIBRATION PLATE



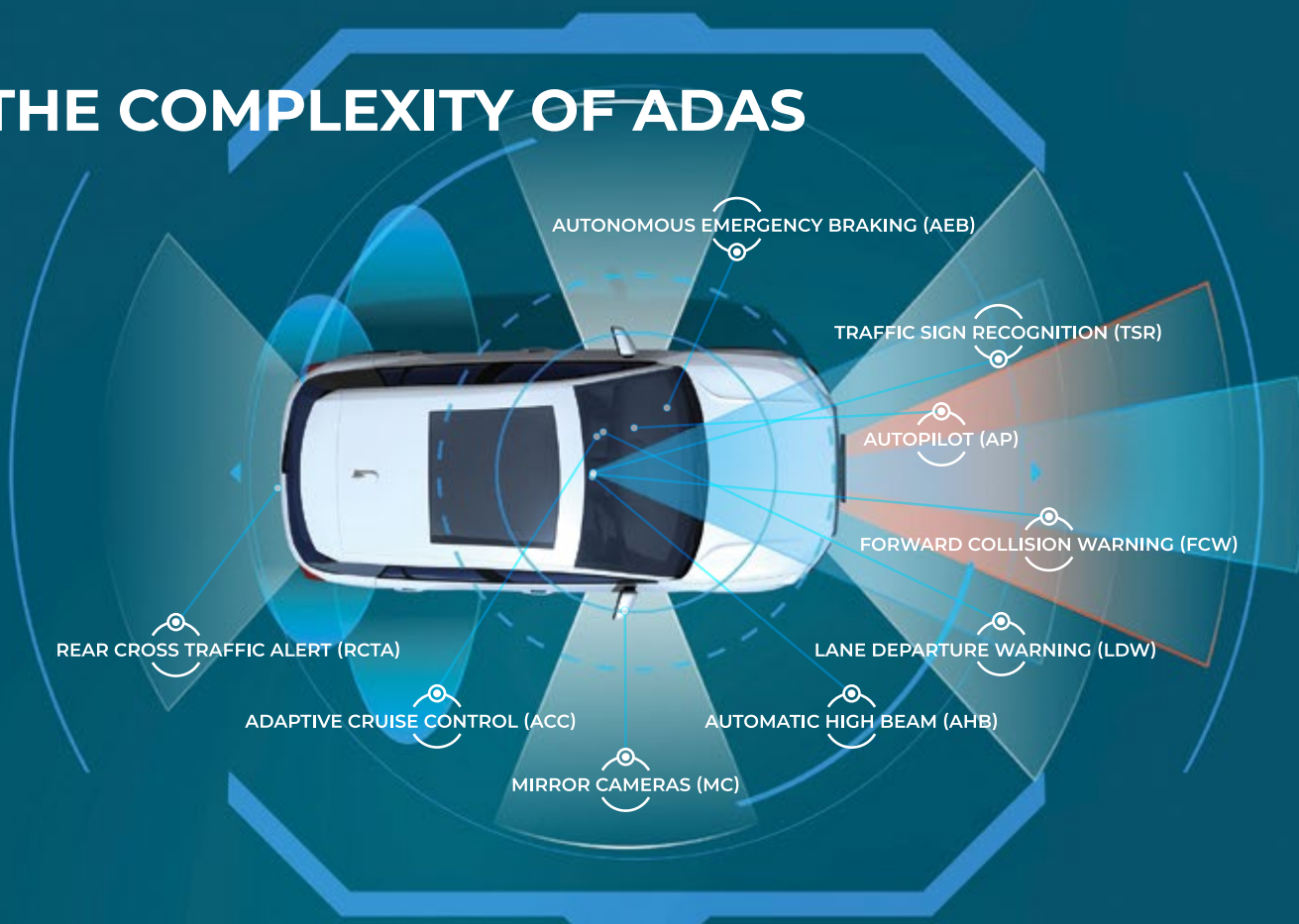
## GETTING IT RIGHT MEANS FITTING THE CAMERA CORRECTLY:

- At the right angle (windscreen curvature)
- With the right light transmission
- On the right bracket

## HOW DO WE KNOW THIS?

- by continuously testing our methodology
- by validating our technology
- by checking and upgrading our production processes
- by always ensuring compliance

# THE COMPLEXITY OF ADAS



## YOU TAKE CARE OF THE CALIBRATION, WE TAKE CARE OF THE PRODUCT QUALITY. THE PERFECT MATCH!

### COMPROMISE ON QUALITY? NEVER.

We are the original spare parts manufacturer. As well as providing you with the highest quality glazing, we're also continuously improving our production facilities and processes in line with the complexities that ADAS bring to the market. And we'll continue to evolve, never compromising on quality. This ensures:

### ALWAYS THE RIGHT LIGHT TRANSMISSION

Every ADAS windscreen is controlled at the camera area in order to detect any defect in this sensitive zone. We also check that the minimum OE dioptrics (refraction of light) requirement is reached in order to have optimum light transmission going into the lens of the camera. All pieces falling outside the tolerances are rejected.

### ALWAYS THE RIGHT ANGLE

Every ADAS windscreen is controlled on the line to ensure that the curvature of the windscreen respects the OE manufacturer tolerances. All pieces falling outside the tolerances are rejected.

### ALWAYS RIGHT BRACKET

In order to produce a match of the OE bracket, each new bracket developed is compared to the OE bracket to validate the functionality and all the elements to fit the camera (e.g hooks). Good is not enough, it has to be OE equivalent.

We do not compromise our quality, we drive compliance.

# STAY AHEAD OF THE CURVE WITH SEKURIT SERVICE

## COMPLETING THE LOOP

To ensure we are 100% quality driven, testing and validation stages have been implemented for all ADAS developments. Test fittings have become an essential part of our end-to-end development process. Our ADAS windscreens are tested and tested again in order to properly calibrate the camera system.

The ADAS windscreen is only included in our range after a successful calibration. Test fitting gives us an extra opportunity to ensure that our high standards of quality and compliance are always met. This final step in the validation process gives us the physical proof that our end-to-end process is 100% right.

## SO WHAT DOES ADAS MEAN FOR YOU?

By choosing Sekurit Service, you can always be sure that when it comes to replacing an ADAS windscreen you are working with a trusted and high-quality partner. We manage all the complexities of ADAS, so that you don't have to. You can be assured that the correct processes are being followed, on a high-quality product, always in compliance with regulations. We leave you with no questions unanswered!

For you this means an easier fitting experience, less downtime and increased productivity. What's more, it results in reduced claim handling and less vehicle returns – ensuring you a high level of customer satisfaction and repeat business!



## CONTACT US

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## YOUR BUSINESS MATTERS

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