

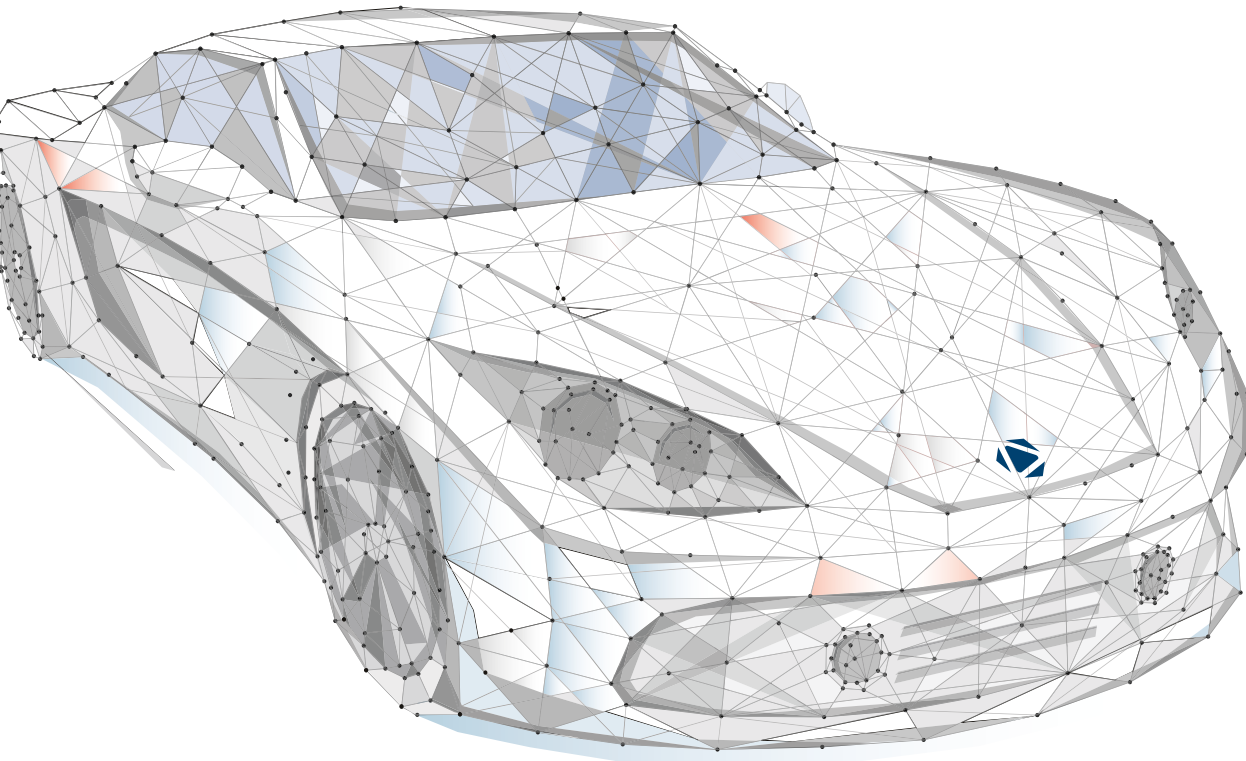
We empower you to get your innovations on the road

The **MOTIVATION**.

Our passion is the development of customized solutions for video systems in the automotive industry.

Since 2007, we have been driven by our appetite for development to get our customers' innovations on the road.

Be it recording and visualization, analysis or modification, we offer everything from a single source here in Germany. From research and development to the manufacture of our products and solutions.





At TZ, we are proud that we have brought all the available know-how in the field of automotive video systems under one roof. We owe our success to our team of experts, who have been working with

an interdisciplinary approach since our foundation. Our engineers embrace the ideas and visions of our customers and implement them reliably and efficiently.

Our work is not finished until the product meets your requirements!
We make ideas come true.

Andreas Hudak CEO

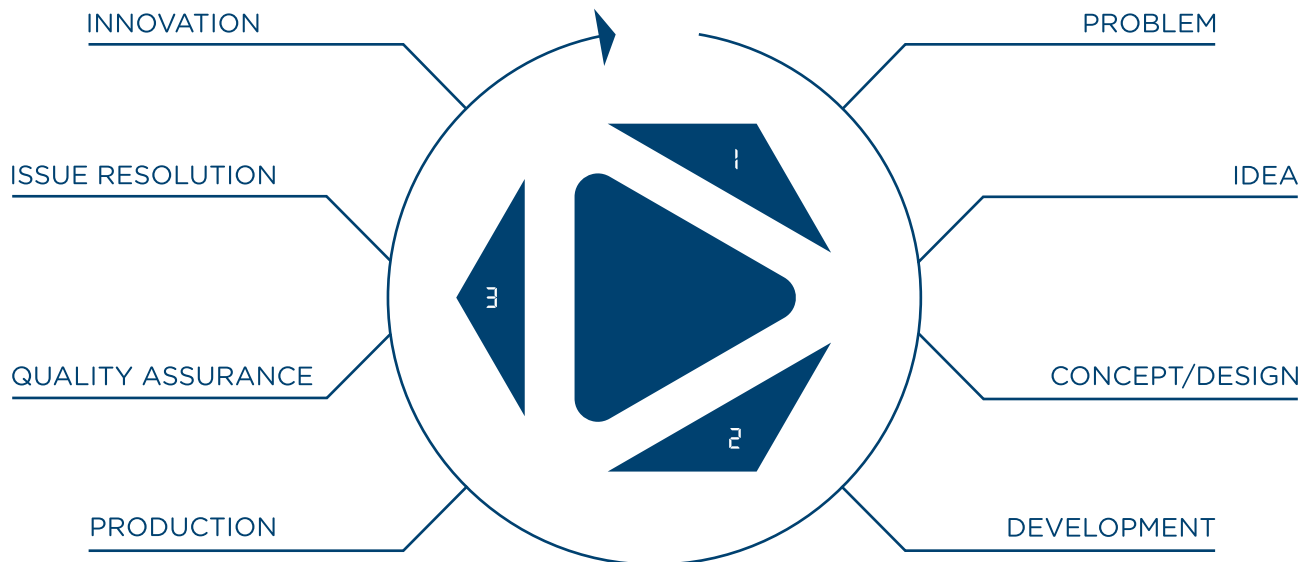


Ecosystem for your automotive video systems

THE IDEA.

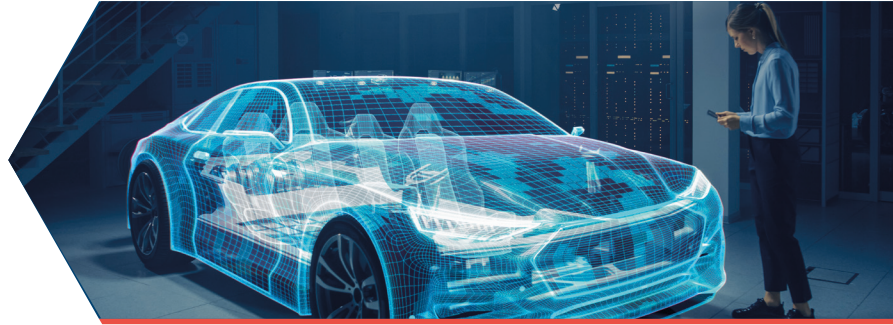
Our solutions provide a perfect response to your individual needs. We offer a complete ecosystem that supports you from

innovation and development to integration, production and quality assurance.



1. IN-CAR VIDEO MONITORING

Our In-Car Video Monitoring allows you to examine the vehicle holistically. Every item of data can be seamlessly recorded and analysed.



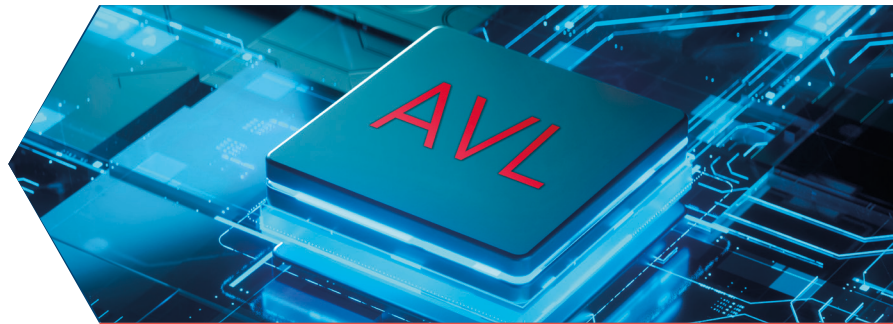
2. VIDEO COMPONENT TEST

The Video Component Test enables you to analyse individual components down to the last detail. This otherwise weeks- and days-long process can be shortened to a matter of hours or minutes.



3. VIDEO CHIP ACCESS

Our Video Chip Access opens the door to uncompromised access to data and configurations. This allows you to see exactly what the chip is doing and what information it supplies.



Real-life examples of OEM and supplier use

Carrying out a test drive

The video signal and the complete data communication can be analyzed and recorded without any compromises and to the full extent during test drives.

Video Converter (SER / DES), Coupler



SIGNAL GENERATOR

Serializer



VIDEO CONVERTER

Deserializer



COUPLER

Camera/display testing

All you have to do is plug in the device. Our solution takes care of the configuration and power supply, e.g. via Power over Coax. This allows you to display any desired content, read out sensors and record in the highest quality.

Video Converter (SER / DES), Framegrabber



The SOLUTION.

Distributed locations

Transfer the video signals from a test setup to your lab or any other location. Your reference setup is accessible anywhere in the world - even when working on the move.

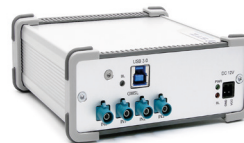
Signal Processing Unit



SIGNAL SNIFFER



SWITCH



FRAMEGRABBER



SIGNAL PROCESSING UNIT

Initial start-up of a new device

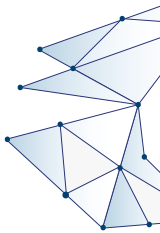
Our devices show the video or generate the signal for the initial start-up or after component updates. Where issues arise, a detailed analysis of the signal can be run to obtain a precise error description or trace the root cause.

Video Converter (SER / DES), Framegrabber





we empower
automotive video
innovations



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