



Z-Connect 

Our Digital Products

Remote maintenance, vehicle and operations management in real time



We provide
security.

www.ziegler.de



We are ZIEGLER

As a future-oriented group, the ZIEGLER Group focuses on long-term business based on performance, reliability and sustainability.

A firefighting vehicle is an investment in the future. To ensure that this investment pays off for our customers, we guarantee the highest level of quality and innovation. That means: perfect craftsmanship, outstanding stability, optimal corrosion protection and flexibility for individual customer requirements.

This is complemented by our extensive range of firefighting equipment and components, which also meet the highest quality standards.



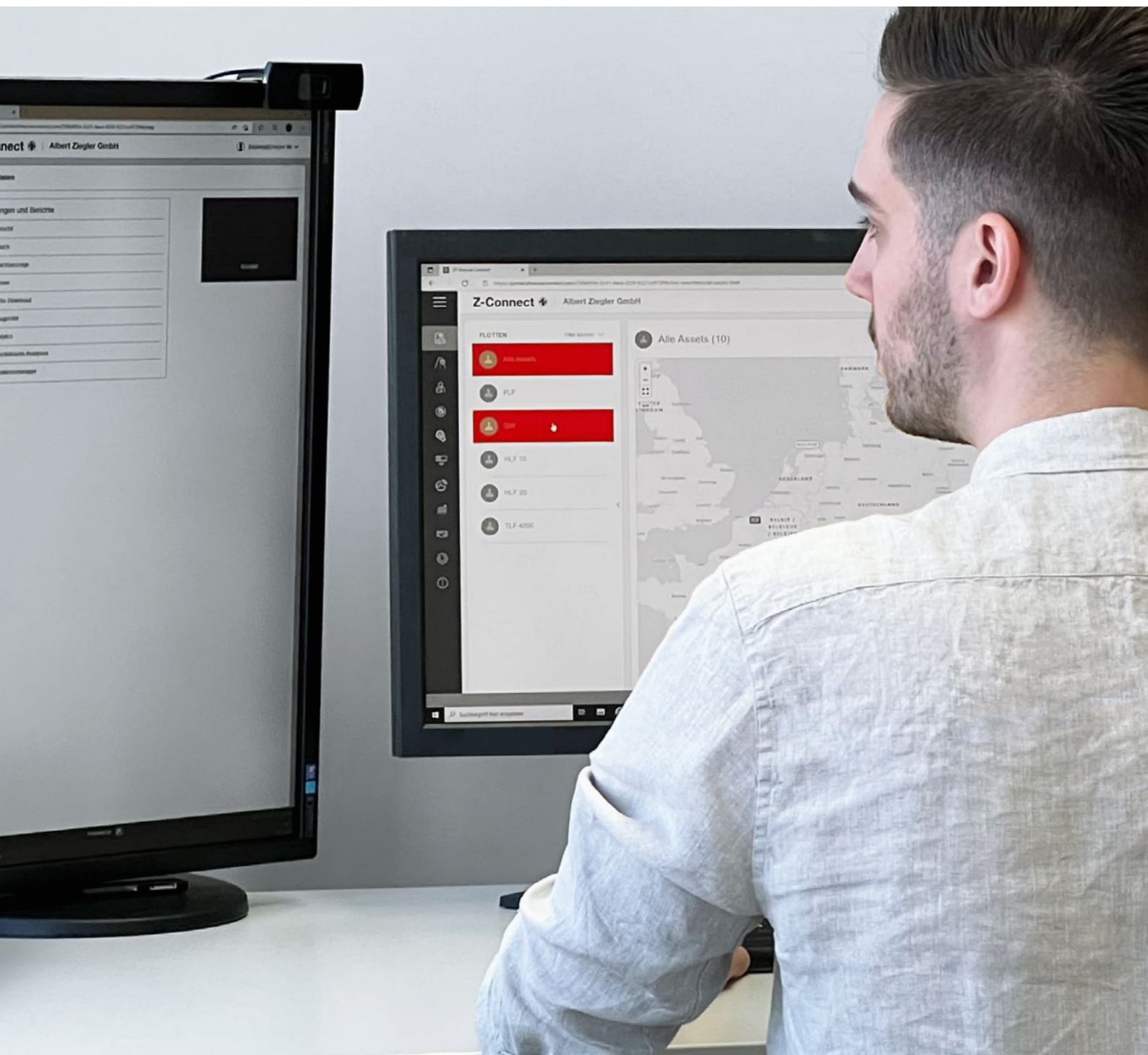
We provide security.

Our brand promise makes clear what ZIEGLER stands for: We see the protection of public security as our ultimate objective. In order to accomplish this task, it is our motivation and our approach to offer the best and most competitive portfolio of firefighting and emergency management solutions. We assume responsibility with respect to customer requirements and their satisfaction.

Z-Connect

Management Platform

Status of your vehicles
Remotely in real-time



Your live view of the fleet, real-time data about condition, location, vehicle details and much more

Information about filling levels, water, foam and fuel tank retrievable **in real-time during the operation**

Management of equipment, crew and patients

The Z-Connect Dashboard is the visualization of all Rescue Connect applications

Digital logbook for each vehicle incl. statistics, routes and extinguishing agent consumption



Digital concepts of the future

ZIEGLER offers you holistic digital assistance concepts. With the new, proprietary system Z-Connect, ZIEGLER has developed ready-for-the-market connectivity (telematics, gateway and IoT capability) for products and vehicles. Now ZIEGLER can gradually offer digital services, the functions of which are constantly being expanded, but also – and this is particularly important – interface to all standard industry platforms and service providers. With Z-Connect ZIEGLER brings its entire know-how to the industry and offers a system which ensures the usefulness, handling and user-friendliness for fire departments.

With the implementation of Z-Connect, the step to operation management with real-time vehicle data has already been realized with the help of our industry-leading partners.

ZIEGLER's approach is holistic. The company focuses on "networking" in the truest sense of the word: Open interfaces to specialist professionals, control professionals, control centers, established market suppliers and necessary information. ZIEGLER relies on an open, learning system which adapts agilely to dynamic requirements, is scalable and connects everyone with everyone. This enables the task force to make decisions on the basis of the best and most complete data available.



Z-Connect

Management Platform

Your fleet overview during the operation

Vehicle management: Within the module, the signals and messages of your vehicle are converted and accordingly displayed into the vehicle management framework. As a result the application will process signals and provide functionalities for your dashboard or API interfaces.

IMBOS ready

Information Management

Z-Connect is part
of IMBOS

Emergency management of the future

The new innovative and forward-looking Information Management for authorities and organizations with security tasks, IMBOS, connects all the information that is required for the effective and efficient command and management of emergency personnel, vehicles and material.

What is IMBOS?

IMBOS combines competencies, responsibilities and capabilities of the leadership support and connectivity products. Together, it is possible to combine all the information and have real-time access to relevant information such as a live overview of vehicles and rescue personnel, live data of patients, but also the condition as well as the management of emergency personnel, vehicles and equipment.

IMBOS is designed as platform for manufacturers of emergency vehicles and rescue equipment as well as command support and management software.



IMBOS
Cloud network

Mission and Vision

The mission of IMBOS is to provide a digital platform for the exchange and networking of critical data of fire departments, rescue services and civil protection authorities in Europe.

The platform is a neutral actor and is relevant for all services involved in the field of BOS. IMBOS defines the new standard in the field of BOS. In doing so, IMBOS will meet high quality and data protection standards and will constantly work on the improvement of the offered solutions and services.

Who is part of IMBOS?

The cooperation partners of IMBOS are Eurocommand GmbH, ZF Friedrichshafen AG, MP-BOS GmbH, Albert Ziegler GmbH and PRODICO GmbH.



Z-Remote

Remote diagnosis worldwide

Your digital service center



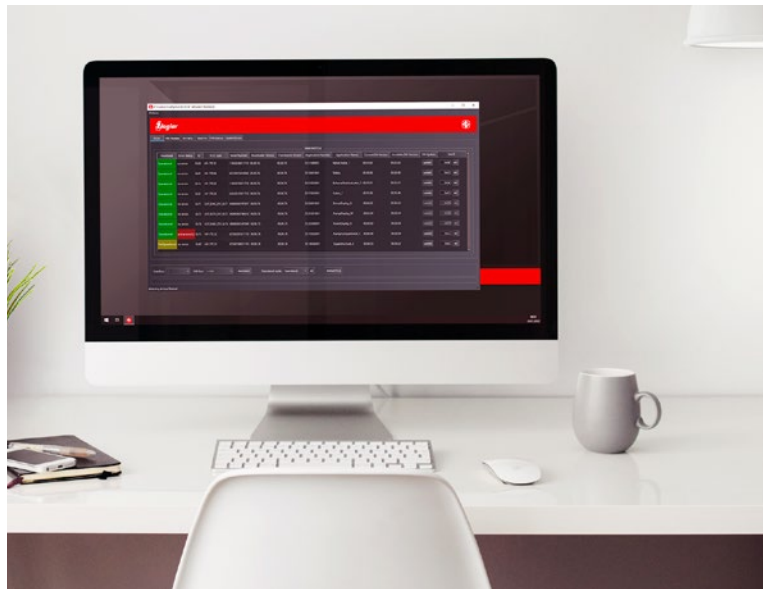
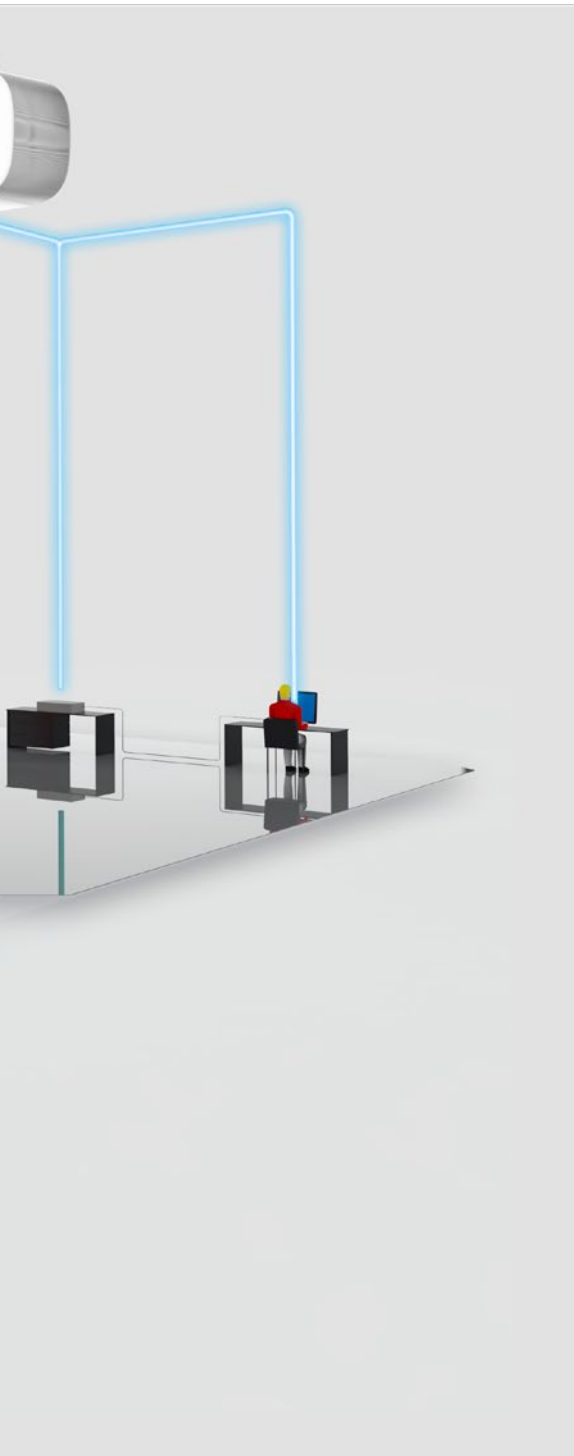
Service and immediate error analysis worldwide, without having to be on-site

Remote diagnosis “on demand” with mobile case also for vehicles without On-Board Unit

Parameter and function adjustment flexibly possible

Extremely short service and fast dispatch of spare parts leads to **increased operational readiness of your vehicles**

Future-proof, cloud-based system with high standards

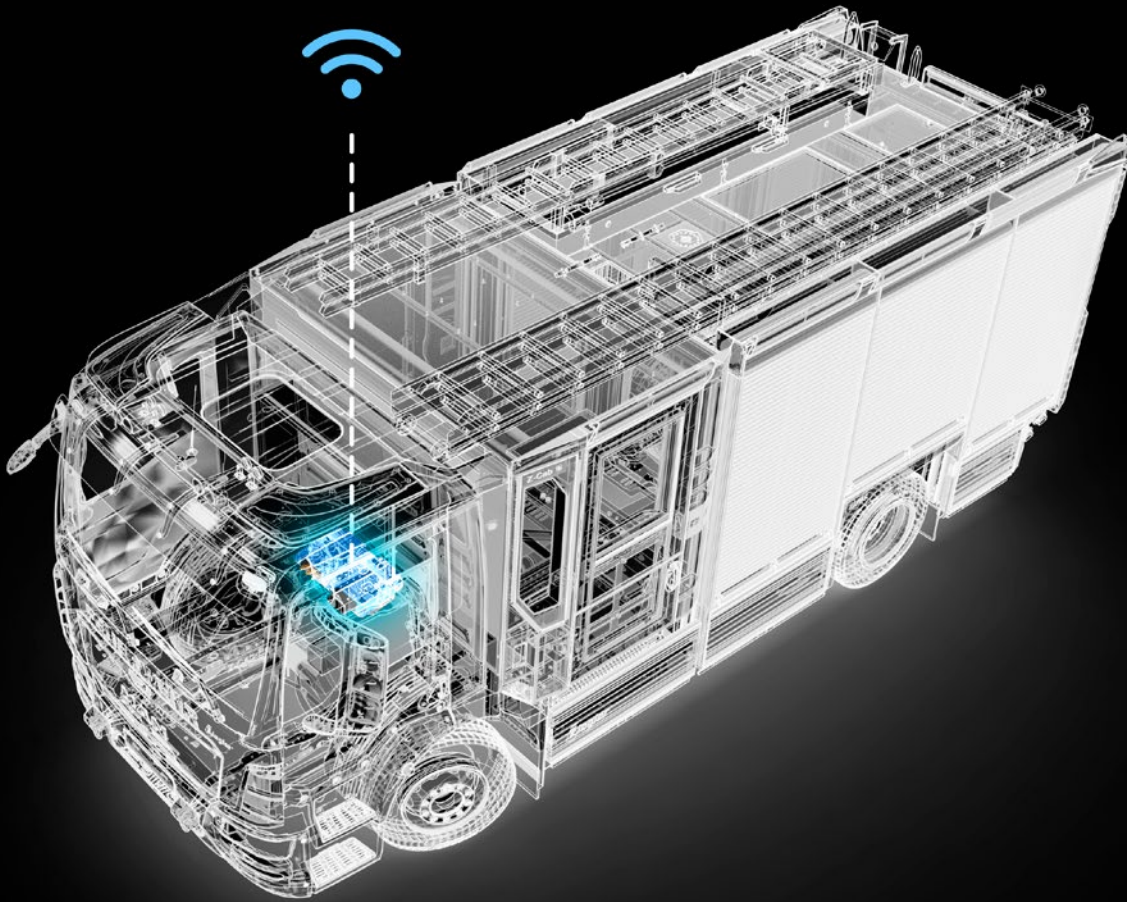


Our intelligent concept

With Z-Remote, remote diagnosis of faults is possible. It forms the basis for future digital service packages. Thanks to precise fault analysis via Z-Remote, you receive fast service support and save unnecessary trips to service points.

Connected everywhere

No matter whether via wi-fi or mobile data: thanks to encrypted data and two-sided authentication, you are securely connected to the cloud. The high level of fail-safety – whether during the operation or on duty – ensures optimum monitoring and error logging at all times.



Hardware

For every ZIEGLER product

Basis for Z-Connect, Z-Remote and other services

One milestone in this regard is the strategic technology partnership with ZF Friedrichshafen AG. The hardware, permanently installed for vehicles or components, as a mobile solution or desktop version. One example is the VCU Pro Vehicle On-Board Unit by ZF which is available for ZIEGLER vehicles. ZIEGLER thus has the claim to first-class, future-oriented and, above all, extremely high-performance and fail-safe, tried-and-tested technology from the automotive sector.



Connectivity for all ZIEGLER products

The hardware components used are specially developed for the respective use and are compatible with each other. Due to the modular concept all ZIEGLER products can be networked: from the portable pump to the Aircraft Rescue and Fire Fighting Vehicle. Our Z-Control of the latest generation records extensive CAN data of the complete vehicle and thus provides the perfect basis for this connectivity.



VCU Pro Vehicle On-Board Unit

Our automotive certified vehicle gateways of the next generation connect the CAN BUS of the vehicle with the ZF Rescue Connect Cloud. Either as built in ex factory or as a retrofit solution.



Equipment On-Board Unit

Our compact Equipment-Gateways are designed to accommodate larger tools and equipment such as portable fire pumps or turrets optimally with the ZF Rescue Connect Cloud.



Mobile Service Unit

Our Mobile Service Unit is used whenever access to a vehicle which is not equipped with an On-Board Unit is necessary.



Desktop Service Unit

The Desktop Service Unit enables remote access to vehicles equipped with an On-Board Unit. Thereby, our solution allows worldwide diagnostic access to the vehicle, as well as the configuration and flashing of ECUs.



Crew TAG and Life TAG

These portable tags are specially designed to connect emergency personnel on the one hand and patients on the other hand with the ZF Rescue Connect Cloud.



Equipment TAG

With our handy IoT Tag small tools and equipment can be connected with each other. The versatile possible applications include among other things search dogs, drones and robots.

Developer, manufacturer,
trader and service provider –
all from one source.



Extinguishing technology



Control and Operation



Firefighting vehicles



Hoses and Equipment



Service



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