

jaltest
DIAGNOSTICS

CV
COMMERCIAL



cojali

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**JALTEST DIAGNOSTICS.
INDUSTRYLEADING ADVANCED
DIAGNOSTIC SOLUTIONS**





CV
COMMERCIAL

JALTEST
DIAGNOSTICS

ADVANCED
TECHNICAL
SUPPORT

JALTEST
UNIVERSITY

CUSTOMISED
CUSTOMER
SERVICE





FIND OUT AN
EXPERIENCE BEYOND
DIAGNOSTICS WITH
JALTEST DIAGNOSTICS

JALTEST DIAGNOSTICS

Jaltest Diagnostics is a multi-brand and multi-system diagnostics tool developed to perform the most advanced vehicle diagnostics and maintenance tasks in an easy and intuitive way.

With Jaltest Diagnostics, not only is it possible to read the fault codes of the vehicle systems, but also to guide the technician throughout the repair process.



COVERAGE

COMMERCIAL VEHICLES

Diagnostics equipment aimed at workshops where repair and/or maintenance services are performed in several types of commercial vehicles such as trucks, buses, trailers, semi-trailers, light commercial vehicles or pick-up trucks.



CV
COMMERCIAL



JALTEST CV INCLUDES ADVANCED FUNCTIONS SUCH AS:

- ✓ Calibrations
- ✓ Parameter modification
- ✓ System checks
- ✓ Component actuation



SOLUTIONS FOR OTHER SECTORS

AGRICULTURAL

AGV

Jaltest AGV is the Jaltest Diagnostics module focused on the diagnostics and maintenance of all types of agricultural equipment, such as tractors, harvesters, forage harvesters or grape harvesters, among others. It covers a wide range of brands, models and systems, apart from offering a wide catalogue of cables, the best technical information and the best support in repair processes.



OFF-HIGHWAY

OHW

The Jaltest OHW module has been developed to perform maintenance and diagnostics tasks in off-highway equipment, such as cranes, excavators, dumpers, stationary engines, cleaning machines or road maintenance equipment, among others. It offers a wide coverage of brands, models and systems, as well as a complete catalogue of cables, the best technical information and the best support in repair processes.





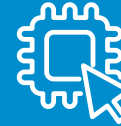
Unique communication device and interface



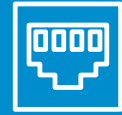
Calibrations



System checks



Parameter modification



Component actuation

MATERIAL HANDLING

MHE

Jaltest MHE (Material Handling Equipment) is the pioneering module in the sector of material handling equipment, such as forklifts, telescopic handlers, lift platforms and others. It offers a wide coverage that includes new brands, models and systems, as well as technical information, troubleshooting guides and many other useful resources during the repair process.



VESSELS

marine

Jaltest Marine is the module focused on the marine sector. The wide expertise of Jaltest Diagnostics in land vehicles has allowed the design of a complete maintenance and diagnostics tool for vessels, jet skis, stationary engines and outboard and inboard engines. It covers a wide range of brands, models and systems, apart from offering the best technical information and the best support in repair processes.



JALTEST DIAGNOSTICS IN NUMBERS

BRANDS

233



MODELS

6400

SYSTEMS

75723



TECHNICAL
INFO

34267



DIAGRAMS

35079





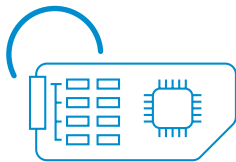
HARDWARE



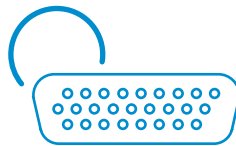
LIGHT,
RUGGED,
COMPACT.



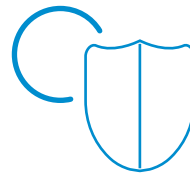
MAXIMUM
CONNECTION
SPEED



HIGH-PERFORMANCE,
RUGGED AND RELIABLE
ELECTRONICS



PROTECTED AND
REINFORCED
CONNECTORS



IMPACT
ABSORPTION



CONVENIENT
AND HANDY

JALTEST HARDWARE KIT

All products of the Jaltest Diagnostics family are designed to meet the strictest workshop technicians' demands and needs regarding roadside assistance. They are also designed and prepared to face extreme working and weather conditions.

Jaltest Diagnostics hardware kit can be configured according to the workshop needs. There is a wide variety of connectors depending on the types of brands and models of vehicles.



JALTEST DIAGNOSTICS
HARDWARE KIT ALLOWS
CONNECTION TO ALL
THE TYPES OF VEHICLES
AVAILABLE IN THE
JALTEST DIAGNOSTICS
COVERAGE





JALTEST DIAGNOSTICS PROVIDES A WIDE COMPETITIVE ADVANTAGE TO THE TECHNICIAN

SOFTWARE

Jaltest Diagnostics software makes the difference because of its:

- Easy handling
- Most advanced diagnostics functions
- Component technical data
- Wiring diagrams
- Maintenance data
- Vehicle technical data
- Troubleshooting guides
- Releases and technical procedures
- Additional modules
- Languages

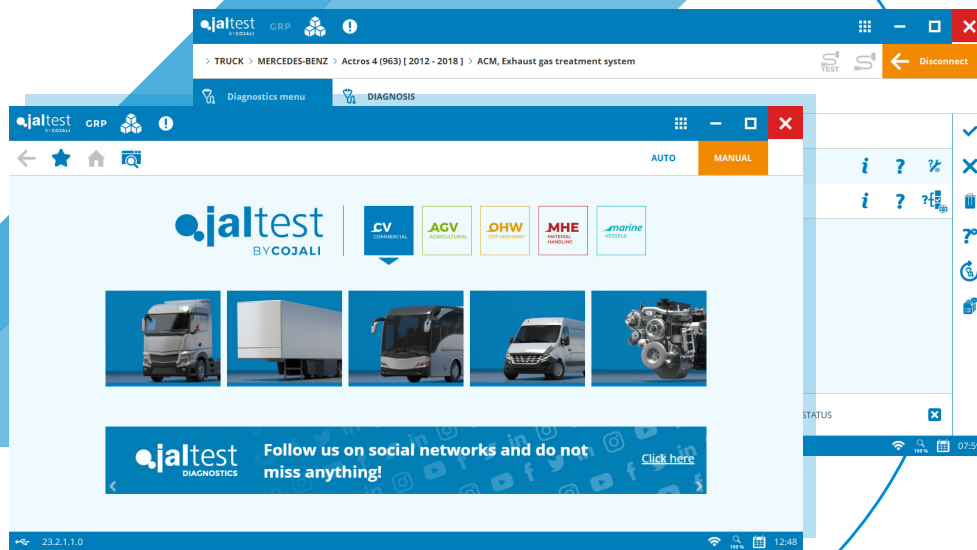
**THREE ANNUAL UPDATES
INCLUDED IN THE ANNUAL
SOFTWARE LICENCE**



GRAPHICAL USER INTERFACE

USER-FRIENDLY,
VISUAL, INTUITIVE

DESIGNED FOR
WORKSHOP USE



FAST INSTALLATION
AND HANDLING

EVERYTHING IN
ONE SINGLE DISPLAY

FUNCTIONS AT A CLICK

These are some of the features that make Jaltest Diagnostics the industry-leading diagnostics tool.

The screenshot displays the Jaltest Diagnostics software interface. At the top, the navigation path is: TRUCK > MERCEDES-BENZ > Actros 4 (963) [2012 - 2018] > ACM, Exhaust gas treatment system. The interface is divided into a left sidebar menu and a main content area. The sidebar menu includes: 4 Diagnostics menu, 5 System technical data, 6 Diagrams, 7 Maintenance data, 8 Vehicle/vessel data, 9 Troubleshooting by symptoms, 10 Releases and Procedures, and 3 OEM RMI. The main content area is titled 'DIAGNOSIS' and shows 'FAULT CODE(S) STORED IN MEMORY: 2'. Two fault codes are listed: 5EF0E4 -- SCR control unit. Pin 30 power supply. Voltage is too low. and 63F0E0 -- AdBlue/DEF pump speed. Value too high. Each fault code has a red 'X' icon, an information icon, a question mark icon, and a refresh icon. A legend at the bottom of the main area identifies the icons: a red 'X' for ACTIVE FAULT CODE, a grey 'X' for INACTIVE FAULT CODE, and a yellow exclamation mark for OTHER FAULT CODE STATUS. The bottom status bar shows the version 23.2.1.1.0, a search icon, 100% zoom, and the time 07:59.

ADDITIONAL MODULES

1. Jaltest INFO Plus
2. GRP
3. OEM RMI

DIAGNOSTICS MENU

4. Diagnostics menu

TECHNICAL INFORMATION

5. System technical data
6. Wiring diagrams
7. Vehicle maintenance data
8. Vehicle technical data
9. Troubleshooting guides by symptoms
10. Technical releases
11. Troubleshooting guides by fault codes

DIAGNOSTICS MENU

SYSTEM DISPLAY

Real-time display of vehicle diagrams data to assess the system performance.

DATA RECORDER

Tests with the vehicle in motion and recording of measurements and fault codes to detect when they occur.

VIRTUAL INSTRUMENTS/GRAPHS

Visual aid to check values and understand the actual state of any system.

SYSTEM SCAN

Scan of the available systems in the selected model by carrying out the fault code reading to clear them afterwards.

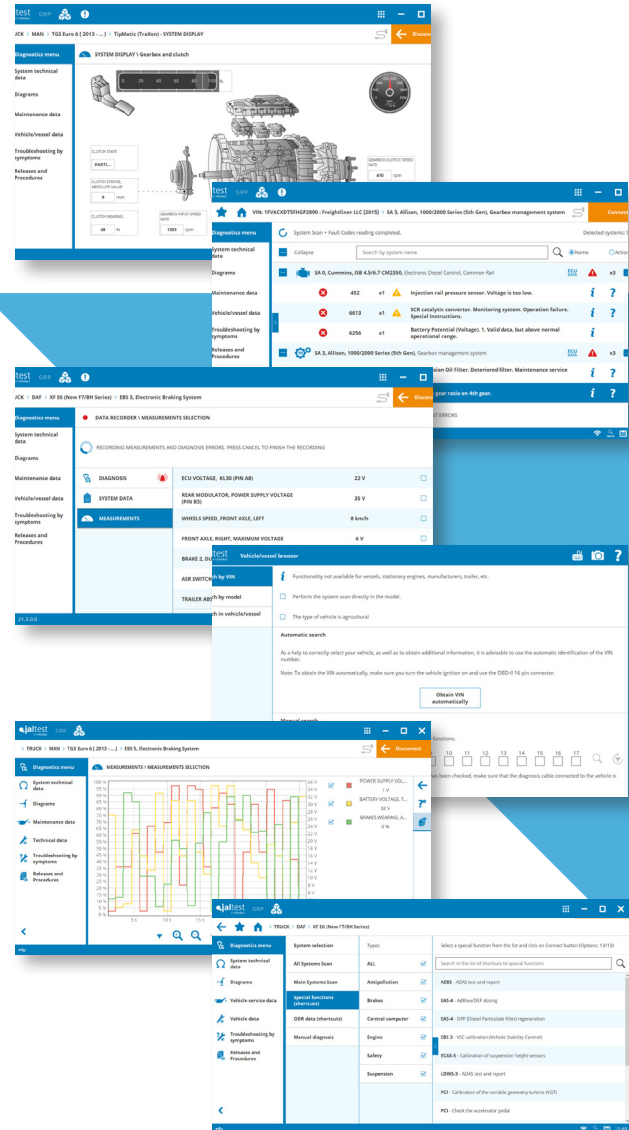
VEHICLE VIN DETECTION

VIN or vehicle chassis detection with just one click.

SHORTCUT TO SPECIAL FUNCTIONS

Optimisation of repair times at the workshop, with shortcuts to repair processes.

AND MUCH MORE!



TECHNICAL INFO

The technical information of Jaltest Diagnostics includes:

- System technical data
- Wiring diagrams and fuse and relay box diagrams
- Vehicle maintenance data
- Vehicle technical data
- Troubleshooting guides by symptoms
- Technical releases
- Troubleshooting guides by fault codes

433/2533/2633/3233/3333 (OM 470 LA)

Sections

Crankshaft

Connecting rod

Cylinder head

Flywheel

Vibration damper

Camshaft

Rocker arm

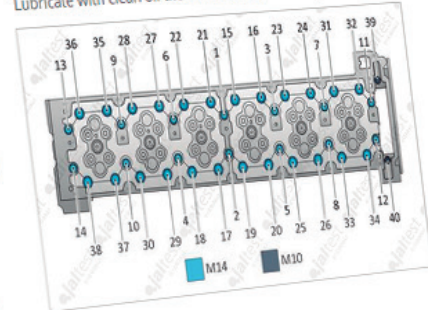
Engine lubrication

Search in technical data

Tightening torques (Cylinder head)

Cylinder head

Tighten the screws in numerical order according to the figure
Lubricate with clean oil the thread and the lower part of the head of the screws



M14 x 2

✓ 1st phase: 50 Nm

JALTEST DIAGNOSTICS HAS THE
BENCHMARK DATA BASE OF
TECHNICAL INFORMATION IN THE
MARKET

ADDITIONAL MODULES

Jaltest GRP

Jaltest GRP is the workshop management program that allows the organisation and management of its activity. GRP is included in Jaltest Diagnostics.

JALTEST GRP FUNCTIONALITIES

CLIENT LIST MANGEMENT

VEHICLE LIST MANGEMENT

REPORT MANAGEMENT

- Diagnostics reports
- Maintenance reports

WORKSHOP MANAGEMENT

- Work orders
- Task
- Workshop time reports

WORKSHOP RECEPTION MANAGEMENT

- Reception forms
- Work orders management
- Alarms and notifications

HUMAN RESOURCES MANAGEMENT

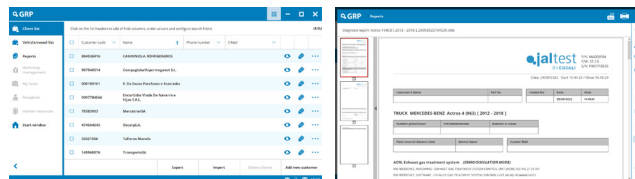
ANALYTIC DATA OF YOUR FLEET OR NETWORK

- Vehicles more frequently diagnosed
- More frequent fault codes

GRP

★ GRP BASIC

It allows you to store and manage clients, vehicles and reports in a simple and easy way.



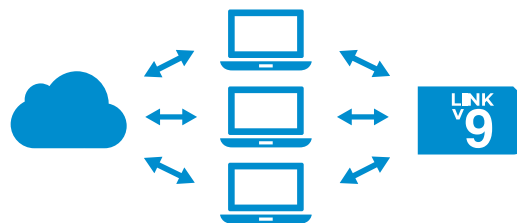
CLIENT LIST

REPORTS

★★ GRP SYNCHRO

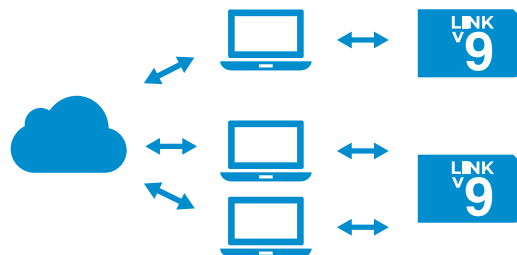
All customers, vehicles and reports can be stored in the cloud.

The stored data can be automatically synchronised between all devices.



★★★ GRP ENTERPRISE

One or more workshops can be completely managed. It enables the synchronisation of all stored data, even if they are located in different workshops.



★★★★ GRP NETWORK

Combination of different GRP Enterprise.

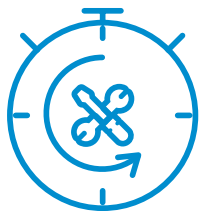
The workshop network can be managed by choosing which and where data must be shared, therefore obtaining greater privacy.



ADDITIONAL MODULES

Jaltest INFO Plus

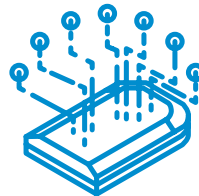
Thanks to its fast and intuitive design, Jaltest INFO Plus optimises working times at the workshop through guided processes (SMART guides) and by including complete wiring diagrams of the whole vehicle, which guarantees task efficiency and makes a difference in the quality of repairs.



Reduction of repair times and human errors



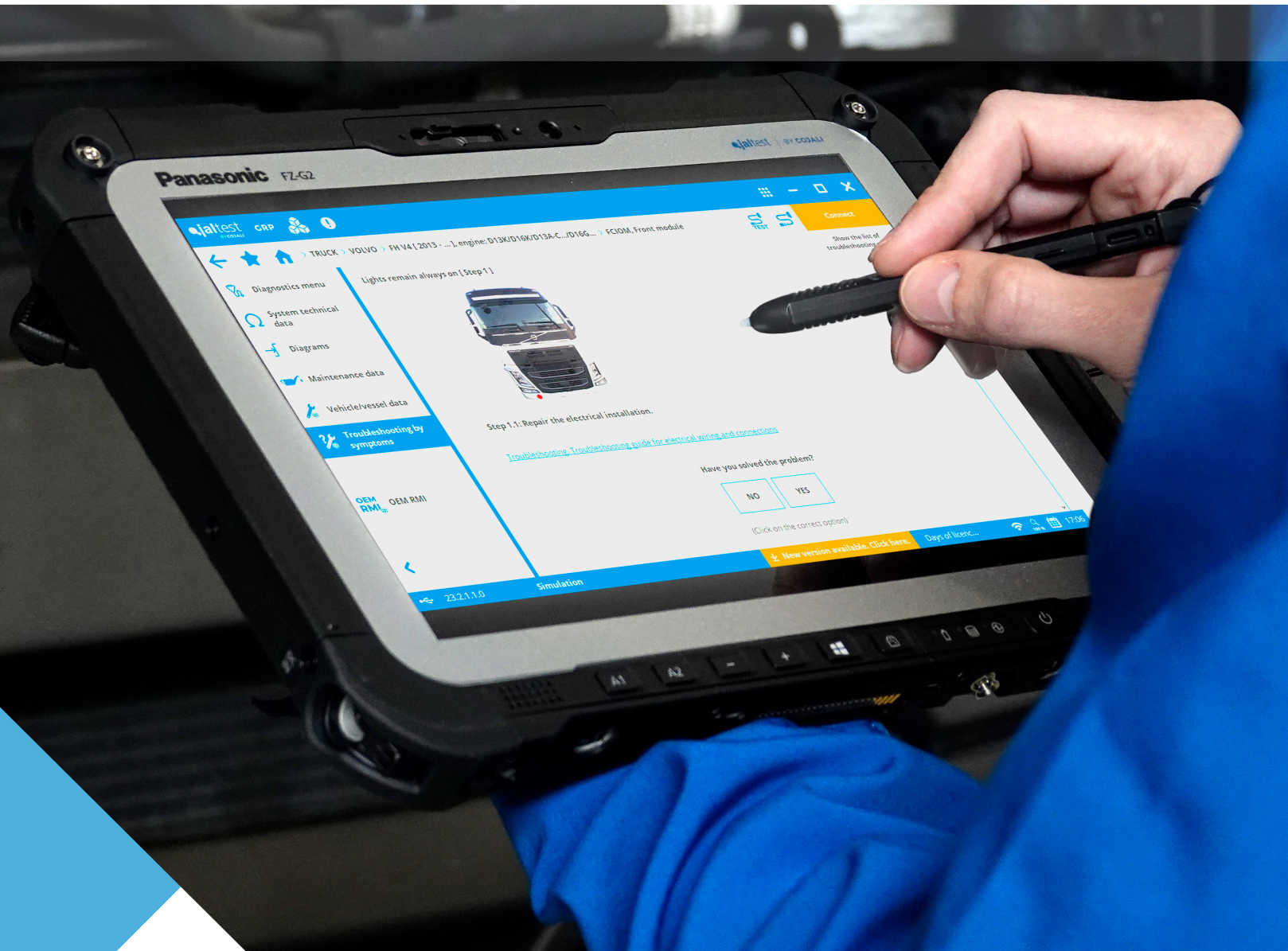
Easier navigation through links to actions



Wide range of systems: engine management, anti-pollution, transmission, brakes and more



Improved experience thanks to our expert technical support team



ADDITIONAL MODULES

Knorr-Bremse Diagnostics

Knorr-Bremse Diagnostics is the new software from Knorr-Bremse which, from 24.2, has been integrated into Jaltest Diagnostics software. This enables performing complete and advanced Knorr-Bremse diagnostics on vehicle manufacturers (truck and trailer) with these systems integrated, including the new iTEBS X system, the new EBS generation for trailer. This software also includes the original technical information.

- Exclusive access to new Knorr-Bremse systems.
- Exclusive access to original and specific Knorr-Bremse diagnostic functions.
- Interaction with the new cloud-based OCT platform for advanced trailer diagnostics.
- Truck and trailer diagnostics in one single tool.





KNORR-BREMSE

ADDITIONAL MODULES

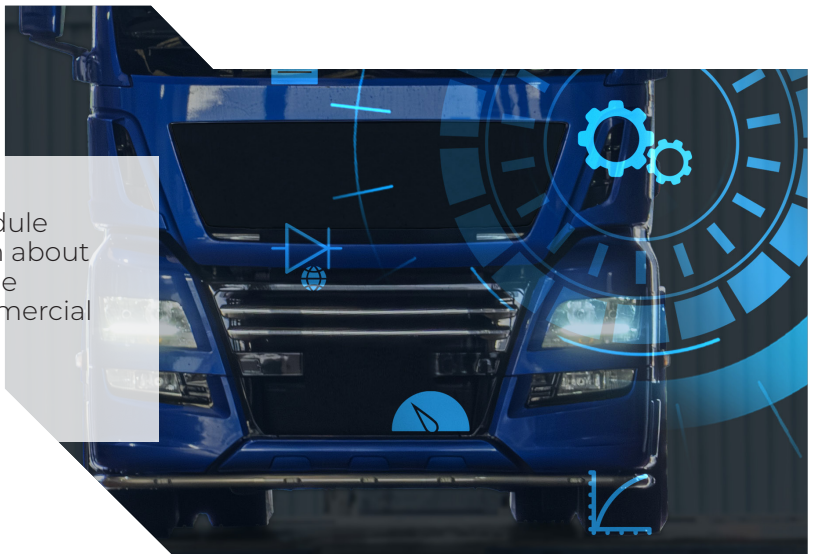
Jaltest Central Services

Jaltest Central Services is the ultimate solution, since technicians can now contact Jaltest Diagnostics experts who will assist them to carry out exclusive functions. A pay-per-use service that allows performing functions on vehicles from brands such as DAF, Mercedes-Benz, Cummins, Paccar and International.



Jaltest OEM RMI

Jaltest OEM RMI (Repair and Maintenance Information) is the Jaltest Diagnostics module that grants access to technical information about maintenance tasks and repairs from vehicle manufacturers of the main brands of commercial vehicle.



ADDITIONAL MODULES

Jaltest ETM

Jaltest ETM is an additional module to Jaltest Diagnostics software which is used to directly verify electronic modules and different sensors installed in commercial vehicles.

It must be noted the possibility of performing diagnostics in:

- Electronic brake modules (EBS modulators) of Wabco and Knorr-Bremse brands
- Wheel speed sensors used in ABS/EBS systems
- Brake pad wearing sensors



SGW (Secure Gateway)

Jaltest Diagnostics allows the access to protected vehicles that are equipped with a SGW security module, in order to perform advanced diagnostics functionalities. Our equipment has been approved as compatible tool by Iveco and FCA.

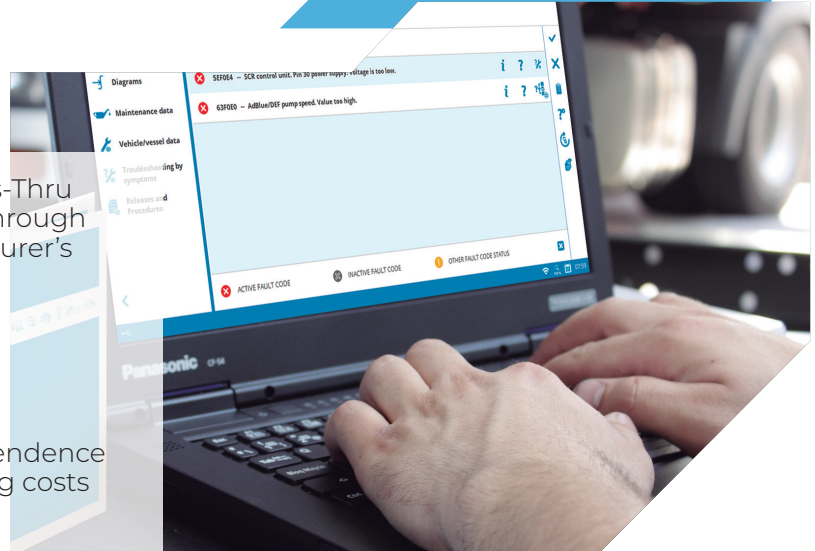


ADDITIONAL MODULES

Pass-Thru

Jaltest Diagnostics has the additional Pass-Thru module, which enables communication through the SAE J2534 protocol with the manufacturer's software to perform:

- Control unit updates
- Calibrations
- Unit reprogramming
- Vehicle analysis
- This makes it possible to reduce dependence with proprietary hardware, decreasing costs and increasing the productivity.



i-Parts Assist

i-Parts Assist is the latest Part Support Program of Cojali aimed at workshops. Through a series of guides and video tutorials, the workshop will be capable of carrying out the installation of components that may require specific installation procedures, reprogramming or the use of diagnostics tools in an easy, fast and autonomous way.



JALTEST INFO WEB



CONSTANTLY UPDATED

To offer the new regulations and generations of vehicles and machinery.



EXCEPTIONAL COVERAGE

Technical information for all types of ECUs and models of commercial vehicles, agricultural equipment, construction equipment, material handling equipment and vessels.



EASY USER EXPERIENCE

Adapted for all types of computers, mobile devices and tablets. Access the platform from any browser.

Jaltest INFO Web is an online platform that allows the access in the cloud to the technical information available in Jaltest Diagnostics without the need to connect any hardware and from any device.



SERVICES

JALTEST UNIVERSITY

Our Jaltest University division gathers the entire Jaltest Diagnostics training offer, from courses traditionally taught on-site to online courses or webinars. This way, we have adapted to the new needs for universal and quality training at the disposal of any professional in the sector.



ALL MODALITIES



CONSTANT EVOLUTION



REAL CASES



QUALIFIED TRAINERS



INTERACTION WITH OTHER TECHNICIANS



FOCUSED ON DIAGNOSTICS



JALTEST UNIVERSITY INCLUDES COURSES ON, AMONG OTHER SUBJECTS:

- ✓ Diagnostics
- ✓ Engine management
- ✓ Anti-pollution system
- ✓ Pneumatics
- ✓ Electricity and communication protocols

ADVANCED TECHNICAL SUPPORT AND PRODUCT SUPPORT

Jaltest Diagnostics provides worldwide Advanced Technical Support and Product Support.

PRODUCT SUPPORT

Jaltest Diagnostics Product Support covers all the consultations related to the operation of the device prior to the connection with the vehicle.

- Doubts during the software installation process
- Support in the connection with vehicles.
- Information on the device coverage
- Information on the fault codes related to the vehicle connection
- Expert Mode code generation

JALTEST ATS

Specialised technical support based on experience for the resolution of vehicle failures. Jaltest ATS offers:

- Remote connection to the customer's computer to troubleshoot any error during the diagnostics process
- Guided repair to solve both errors during the diagnostics process and faults in the workshop
- Intelligent assistance through Jaltest Diagnostics with access to original documentation (OEM RMI)

AVAILABLE LANGUAGES:

SPANISH
ENGLISH
ITALIAN

GERMAN
FRENCH
RUSSIAN

PORTUGUESE
TURKISH
HINDI



JALTEST TOOLS

The Jaltest Tools product range is designed to provide the workshop with high-quality professional equipment according to the current technology of commercial vehicle.

In combination with Jaltest Diagnostics, the leading multi-brand and multi-system

diagnostics tool, it facilitates the most advanced vehicle diagnostics and maintenance tasks, not only at software level but also at manual and testing task level. In addition, it provides new business opportunities and a simple and guaranteed service for the end customer.



ADAS CALIBRATION
AND TESTING
EQUIPMENT



ELECTRICAL
AND AUXILIARY
EQUIPMENT



SPECIAL TOOL



PRECISION AND
AUXILIARY TOOL



JALTEST ADAS

Jaltest ADAS comprises the necessary equipment and accessories for the readjustment and correct calibration of ADAS systems present in commercial vehicles.

It includes detailed information for its installation and operation through the Jaltest Diagnostics tool.



ADBLUE/DEF CLEANING KIT

Equipment for cleaning crystallised AdBlue/DEF residues in the dosing module, the injector line and the injector, thus guaranteeing their optimal state and preventing potential failures.

Their components are used at different points of the anti-pollution system, and the corresponding actions to activate the system are executed through Jaltest Diagnostics.



JALTEST PTE

Jaltest PTE (Portable Trailer e-Supply) is a mobile device designed to check the power supply and the signals that are transferred between the tractor head and the towed vehicle, such as lighting, indicator lamps, and CAN communication.

COJALI

Cojali S. L., based in Campo de Criptana, is a Spanish multinational manufacturer of components and electronics, which also develops solutions of advanced diagnostics, connectivity and remote diagnostics for commercial vehicles, agricultural equipment, OHW equipment, material handling equipment and vessels, as well as ISOBUS compatibility solutions for tractors and implements.

Thanks to the wide expertise in the development of on-board and workshop technology solutions, Cojali is actively working on data processing and analysis, being this a strategic business activity, which enables the implementation of improvement processes and the release of new products onto the market.

Finally, Cojali provides a comprehensive training offer, as well as complete solutions for technical support, aimed at ensuring the successful use of technology in the automotive industry.



HEAD OFFICE



SPAIN



BRANCHES



FRANCE



ITALY



USA



INDIA



SALES OFFICES



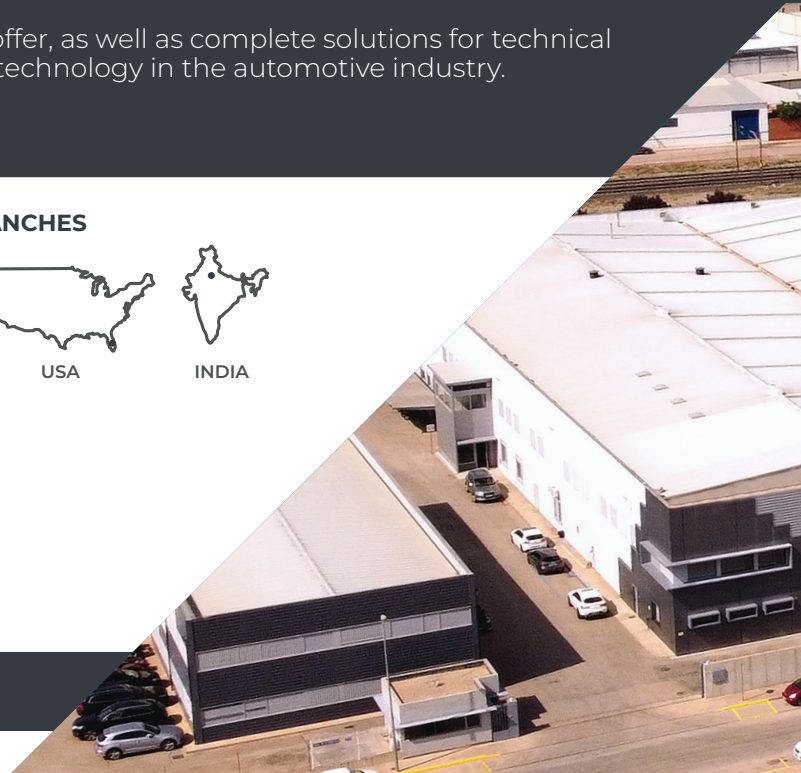
GERMANY



MEXICO



TURKEY





+600
WORKERS



135
COUNTRIES



jaltest
SOLUTIONS

cojali
INNOVATION & TECHNOLOGY

cojali

DIAGNOSTICS

TELEMATICS

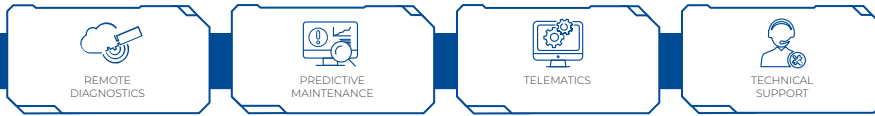
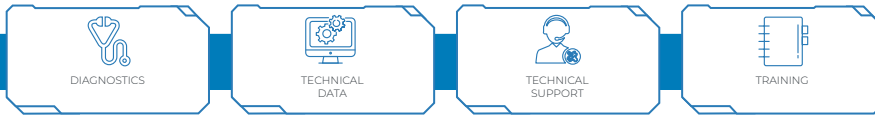
ISOBUS

TOOLS

UNIVERSITY

PARTS

OEM SOLUTIONS





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