DIAGNOSTICS, TELEMATICS & TOOLS

jaltest

BY**COJALI**

CATALOG

CV **AGV** **OHW** *marine* **ISOBUS** CONTROL **TOOLS**

jaltest
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INDEX //
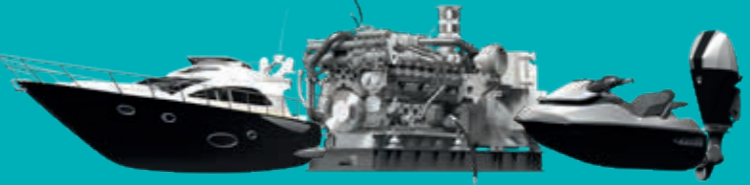
ELEVATE YOUR SHOP'S GAME. UPGRADE YOUR BUSINESS

CV COMMERCIAL

AGV AGRICULTURAL

OHW OFF-HIGHWAY

marine VESSELS

JALTEST //

Jaltest is an All-Makes, All-Models, All-System diagnostics solution developed to perform the most advanced vehicle diagnostics and maintenance tasks in an easy and intuitive way.

Jaltest is much more than just reading fault codes on your vehicle, it also has all necessary bi-directional controls, parameter settings, and step-by-step troubleshooting guides.

Jaltest Customer Support is focused to deliver professional services to the shop through:

1. Technical Assistance.
2. Training & e-Learning.
3. Specialized Customer Support.

NEW LINK V9 //

FASTER CONNECTION RATE (BAUD RATE).
Improved performance and communication with a speed increase in the data transfer and processing, both in VCI-PC and VCI-system.

USB AND SUBD26 CONNECTOR PROTECTION (POKA YOKE MODEL).
Protection and integrity of the connectors that have a mistake-proofing design.

ROBUST ELECTRONICS AND ENHANCED COMMUNICATION CAPABILITIES.
Greater connectivity, new supported communication protocols and extended multiplexor.

IMPACT ABSORPTION.
Design with a rugged covering that protects against falls and scratches. As an IP40 certified product, when connected, the Jaltest V9 is water and dust resistant.
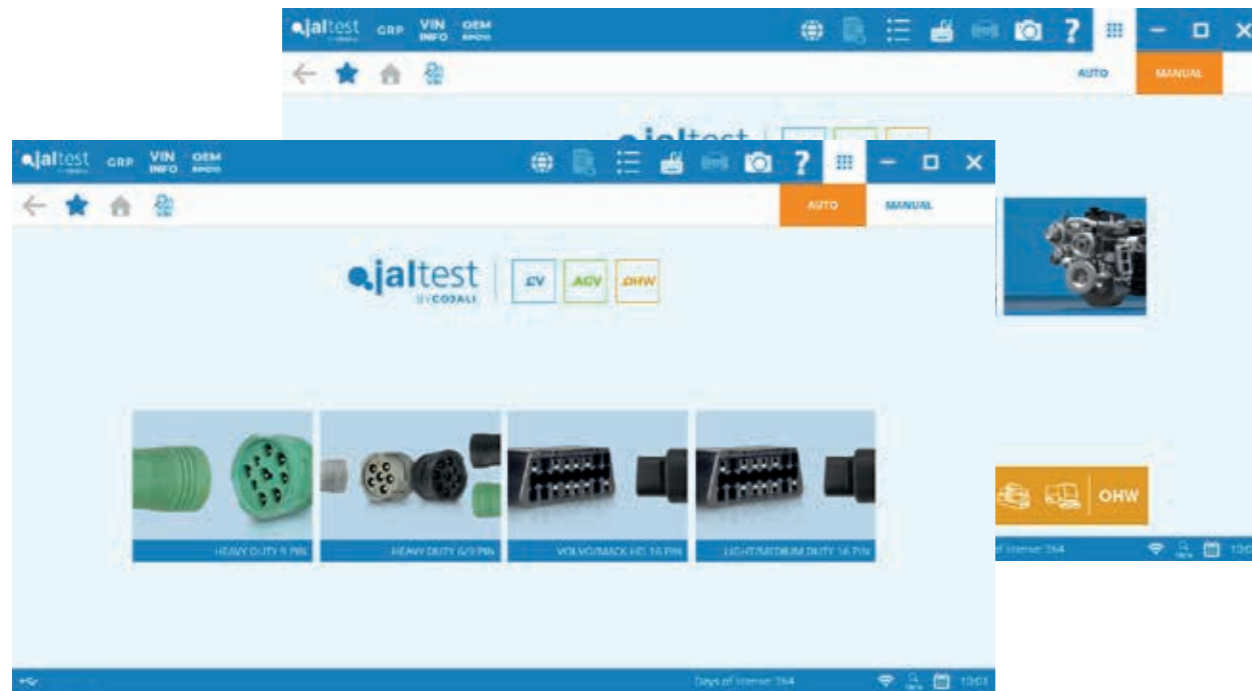
COMPACT AND LIGHT.
Reduced weight, Jaltest V9 is 76% lighter than its predecessor. It offers the possibility of attaching a lanyard to facilitate the use of the device.

LIGHTER, FASTER, BETTER

NEW GRAPHIC INTERFACE //

FAST INSTALLATION AND HANDLING.
Optimized software to reduce the installation and update time, as well as a shorter response time.

CUSTOMIZABLE.
Responsive design that adapts to all screen types and sizes. It enables the user to configure the shortcuts, customize the working area and define the visualization according to the user needs.

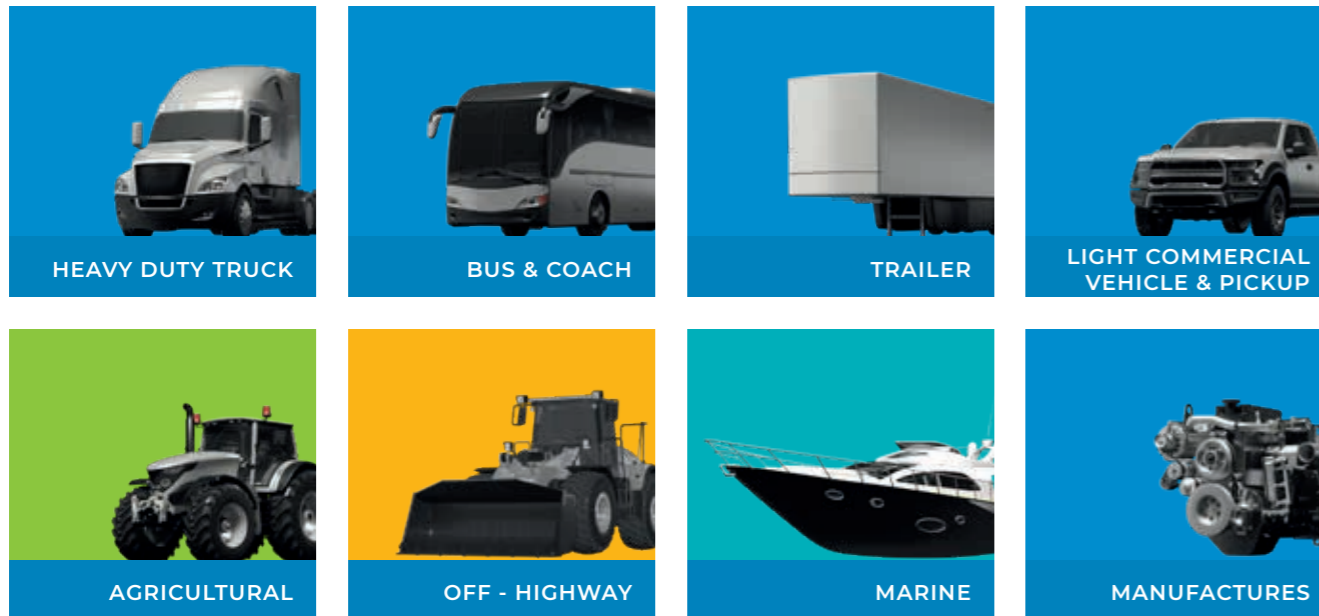**EVERYTHING IN ONE SINGLE DISPLAY.**
It offers the user all the information needed in one single display. It enables them to visualize the maximum number of functions, make a search, etc.

ELEGANT DESIGN WITH BRIGHTER COLORS.
Clean, minimalist and elegant design to favor the visualization of graphics, icons and colors.

MORE VISUAL,
MORE INTUITIVE

ALL-MAKES AND ALL-SYSTEMS COVERAGE

Jaltest is the Industry-leading All-makes and All-systems diagnostics tool for commercial vehicles.
It also offers diagnostic capabilities beyond on-road vehicles, allowing technicians to connect to trailer,
light-medium commercial vehicle, construction, mining and earth-moving equipment, among others.

HEAVY DUTY TRUCK

BUS & COACH

TRAILER

LIGHT COMMERCIAL VEHICLE & PICKUP

AGRICULTURAL

OFF - HIGHWAY

MARINE

MANUFACTURES

JALTEST. DELIVERING TRUE DIAGNOSTICS SOLUTIONS ACROSS MULTIPLE INDUSTRY SEGMENTS

MORE THAN DIAGNOSTICS

With Jaltest, technicians will have access to a wide range of functionalities
which will guide them through the vehicle repair process:
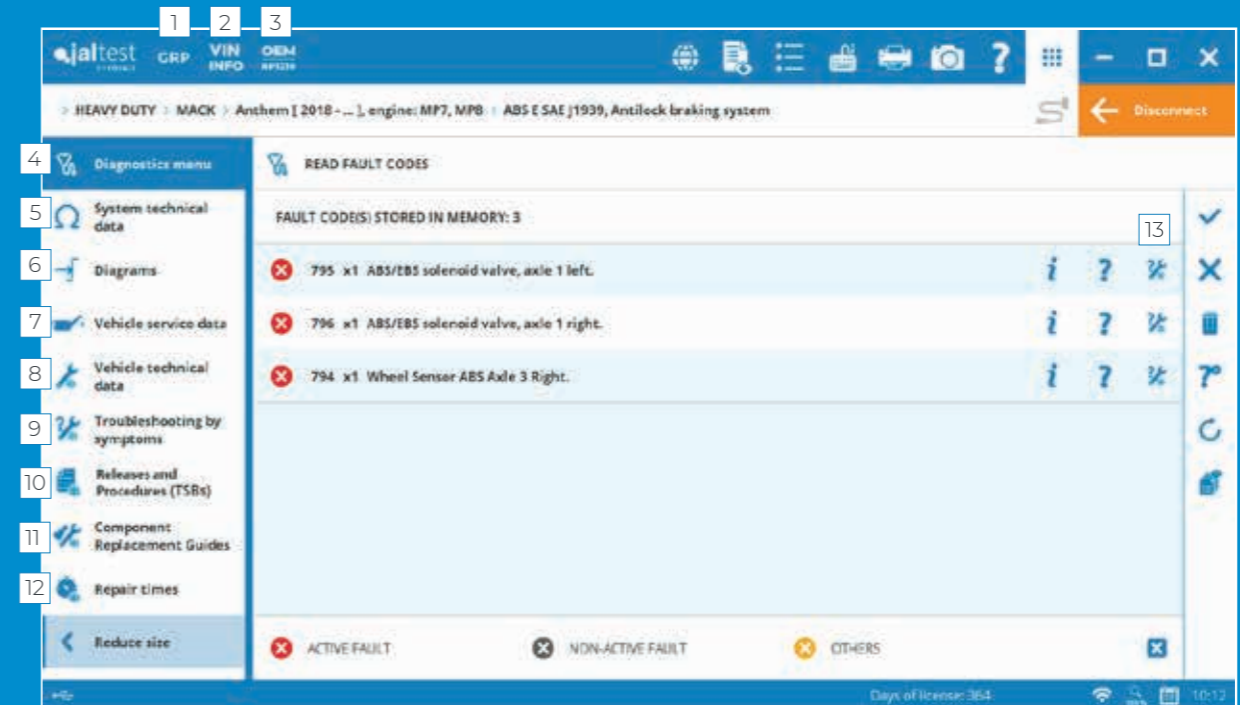
This are some of the features that make Jaltest the Industry's Leading Diagnostics tool:

1. **GRP** (Garage Resource Planning). Shop and Customer/Vehicle Record Management.
2. **VIN information.**
3. **RP1210** Protocol compliant software (OEM).
4. **Diagnostics Menu.**
5. **System technical data.**
6. **Diagrams.**
7. **Vehicle service data**
8. **Vehicle technical data.**
9. **Troubleshooting guides by symptoms.**
10. **Releases and Procedures.**
11. **Component replacement guides.**
12. **Repair times.**
13. **Troubleshooting guides by fault codes.**

SOFTWARE //

GUIDED DIAGNOSTICS

Jaltest provides the necessary information to repair vehicle breakdowns in an easy and efficient manner:

1. Component technical data.
2. Wiring diagrams, system diagrams, and fuse and relay diagrams.
3. Vehicle service data for vehicle inspections based on DOT guidelines.
4. Vehicle technical data.
5. Troubleshooting by symptoms of the most common fault codes on the vehicles.
6. Releases and procedures with updated details from the OEM.
7. Repair times.

JALTEST GUIDES YOU WITH ADDITIONAL INFORMATION TO ASSIST IN THE REPAIR PROCESSS

System wiring diagram.

Component information and location.

Help and components of the fault.

Freeze-Frame data.

D16

Releases and Procedures (TSBs).

Troubleshooting details.

Fault Code Troubleshooting.

BEST-IN-CLASS REPAIR GUIDES, ONE CLICK AWAY

JALTEST INFO

Jaltest InfoOnline contains in-depth technical information for all-makes and all-models including images, pictograms, graphics, and diagrams for any vehicle to be diagnosed and repaired. This detailed collection of information will help to identify the fault codes, specific locations, and visualize component images for a timely and successful repair. All just one click away. This complete module includes:

1. Diagnostics (troubleshooting by fault code).
2. System Technical Data.
3. Diagrams.
4. Vehicle Technical Data.
5. Vehicle Service Data.
6. Troubleshooting by symptoms (diagnostics).
7. Releases and Procedure .
8. Repair Times.
9. Manual Diagnostics.

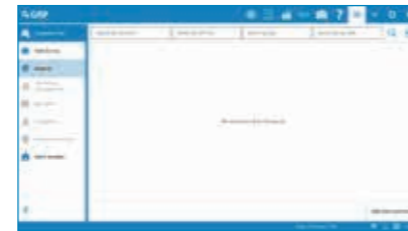## JALTEST INFO, A TOP OF THE LINE RESOURCE INTEGRATED DIRECTLY IN THE TOOL
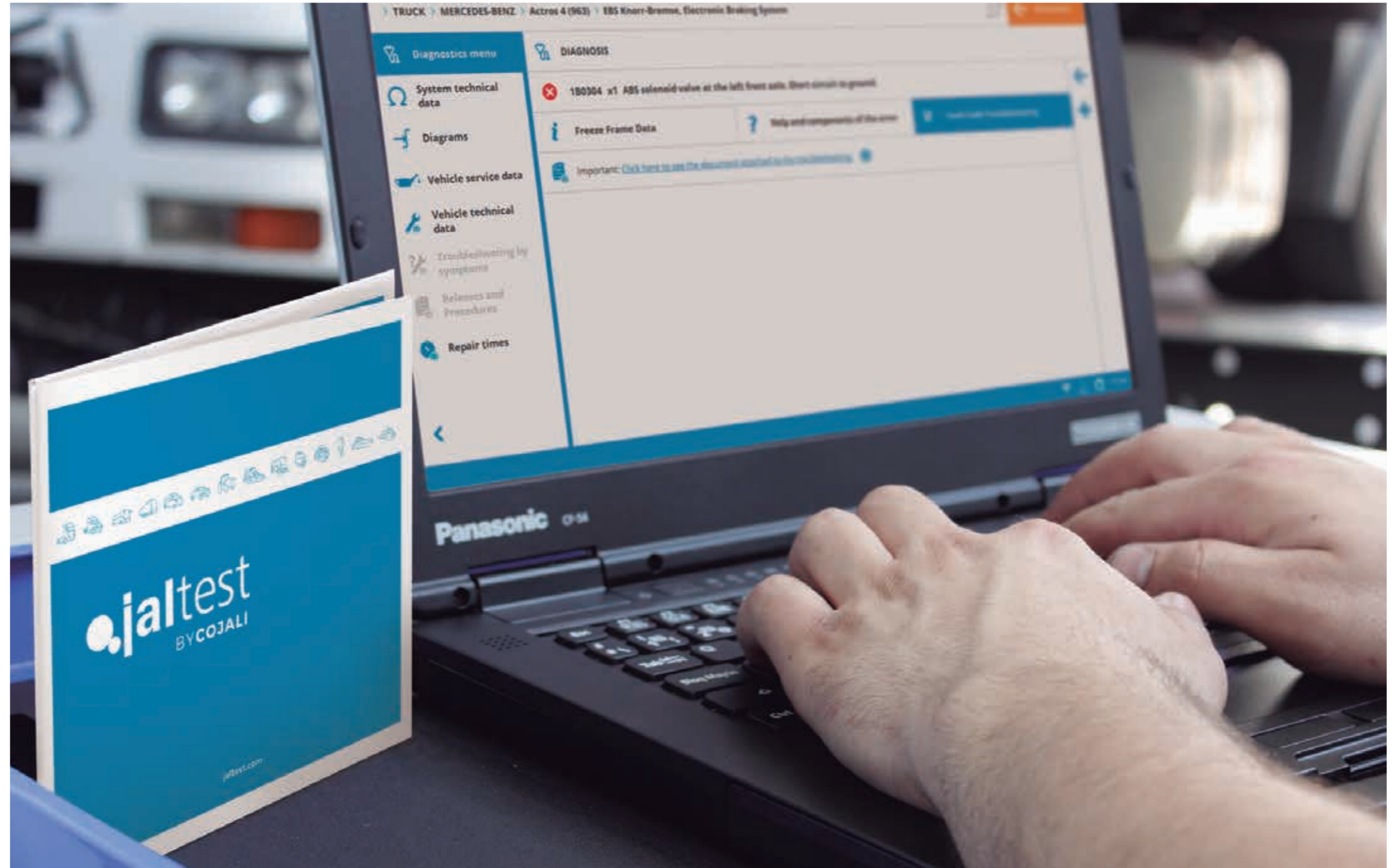
JALTEST DELIVERS RESULTS, AS SOON AS THE VEHICLE ENTERS THE SHOP

GRP BASIC.
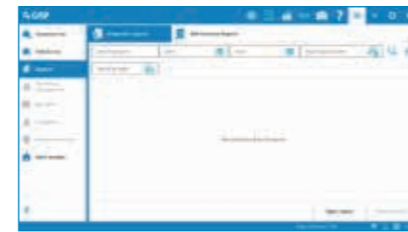- Client list.
- Reports (diagnostics & maintenance).

CLIENT LIST.

REPORTS.

GRP ENTERPRISE.
- GRP Synchro.
- Shop Management Module.
- Reception Module.
- My Tasks Module.
- Jaltest Telematics Module.
- Data synchronization between PCs (same company).
- Work order reports.
- User accounts control (unlimited).

GRP MODULES DESCRIPTION:

CLIENT LIST.
Store all of your customers and have the work orders automatically populate. Valid for 1 shop or for a full network.

REPORTS.
Manage and review all of the reports generated by Jaltest: diagnotics, maintenance, work order or shop time.

SHOP MANAGEMENT.
- Work orders.
- Task Assignment.
- Shop time reports.

MY TASK.
Each user can manage the assigned tasks easily by this menu.

RECEPTION.
- Reception forms.
- Work orders management.

HUMAN RESOURCES.
Create a user for every technician that uses the tool.

JALTEST TELEMATICS.
Link between the fleet, shop and truck driver. It allows the user to receive notifications and alarms sent by the fleet manager.

JALTEST GRP

GRP is an optimized shop management solution that allows you to store customer information and associate it to their vehicle data. With this, you can store the diagnostic reports, per vehicle and customer, as well as access work order management, labor times, and even access the Jaltest Telematics Solution.
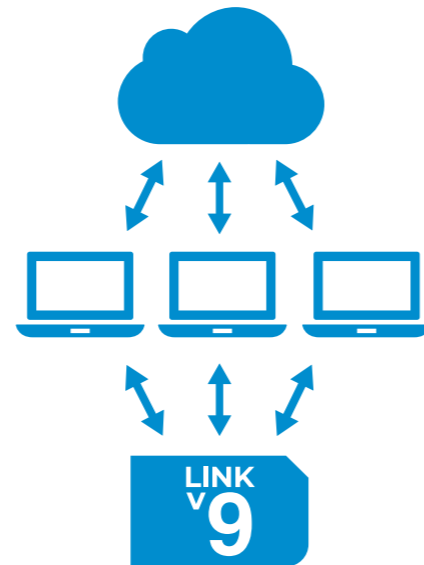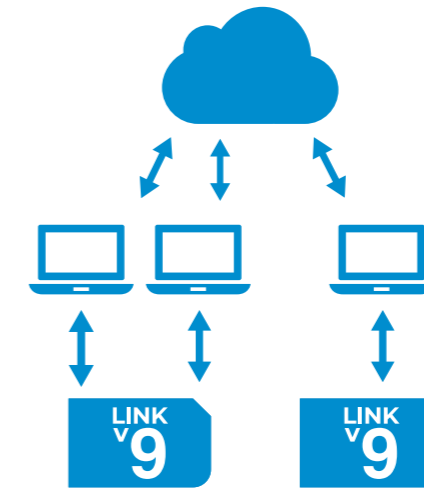
GRP SYNCHRO.
- GRP Basic.
- User accounts control (10 maximum).
- Data synchronization between multiple PCs (same Jaltest interface).
- Information back-up.
- Human Resources.

GRP NETWORK.
- Access to diagnotics and maintenance reports between multiple shops inside a network.

VEHICLE SYSTEM SCAN

The VSS or Vehicle System Scan is what sets us apart. By identifying the vehicles connector on the software, Jaltest scans Every System, regardless of the manufacturer, and connects to each specific ECM, all under one user interface.

No diagnostics process is complete without the proper access to OEM fault codes. With more than 325,000 fault codes available, both standard and proprietary, Jaltest offers a Complete Diagnostics experience for the user.
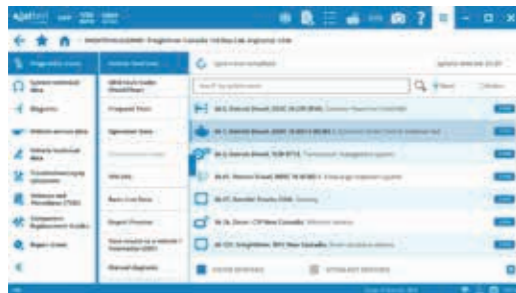
VIN INFO

Jaltest features the possibility to display detailed information associated with a Vehicle Identification Number (VIN): manufacturer specifications, engine type, date of manufacturing, location, type of vehicle and brake system type, are some of the specifications provided by Jaltest Diagnostics.

JALTEST SAE J560 PLC ADAPTER

Our Jaltest PLC Adapter helps the technician connect and diagnose trailers in two distinctive ways:
1. Tractor head is attached (Power supply via vehicle connection).
2. Tractor head not attached (External power supply is necessary).

1. FLEET CUSTOMIZATION.

This function allows you to customize your fleet by creating new brands that are not mainstream. Create a brand, add the systems present, the connector, any images you wish, and every time you connect it will appear in your vehicle list.

2. DIAGNOSTICS BY VIN NUMBER.

Customize your own vehicle and customer database for a faster diagnostics experience.

3. SYSTEM DETECTION.

System detection works across the board, be it HD, Volvo/Mack or Medium and Light Duty Vehicles. Choose the connector and Jaltest will do the rest.

4. FREQUENT TESTS.

Optimize repair times at the shop with direct access to relevant repair processes.

OUTSTANDING FEATURES

5. SYSTEM DISPLAY.

Real-time live data display on important vehicle systems. It enables a fast assessment of the system by seeing the full flow chart of the system.

6. VIRTUAL INSTRUMENTS / GRAPHS.

Visual aid for the technician to check values and understand the actual status of any system available in the vehicle.

7. FUEL SYSTEM OPERATING DIAGRAMS.

Understanding how fuel systems work can be a complex task. Jaltest makes this an intuitive process for the technician.

JALTEST EXPERT MODE

Jaltest EXPERT MODE offers advanced diagnostic possibilities for the shop. With EXPERT MODE, the technician is able to carry out actions that require modifying parameters on different ECUs:
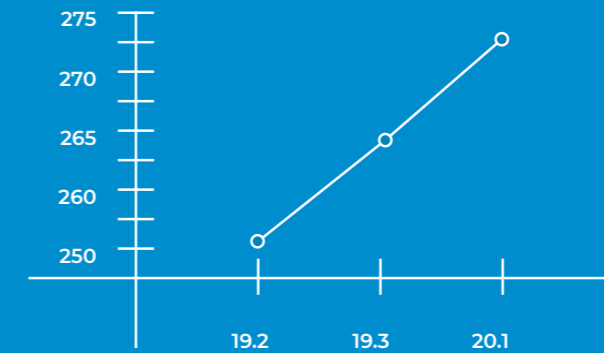
1. Calibrations of sensors (injectors, VGT, accelerator, etc.).
2. Parameter setting.
3. Configuration of the vehicle maintenance services.
4. Verification of systems functionalities.
5. Replacement of electronic control units.
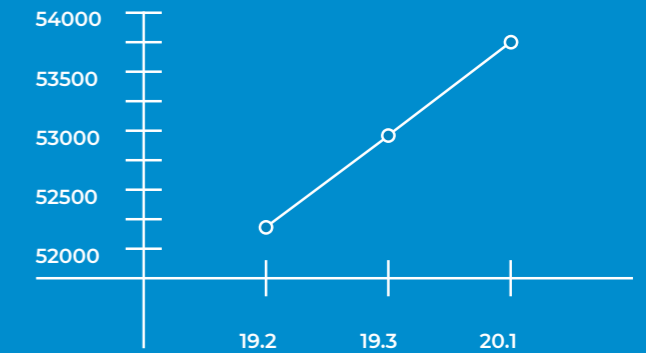6. DPF regeneration.
7. More...

CONSTANT INNOVATION

New Brands, New Models and New Systems are being developed constantly. In order to be at the forefront of the industry and avoid unexpected updates, Jaltest CV releases three software updates each year, offering your business industry-leading diagnostics solutions.
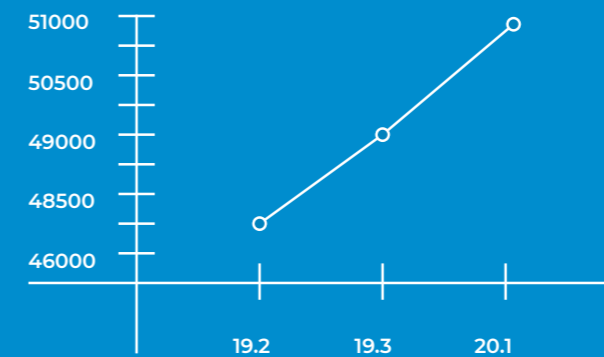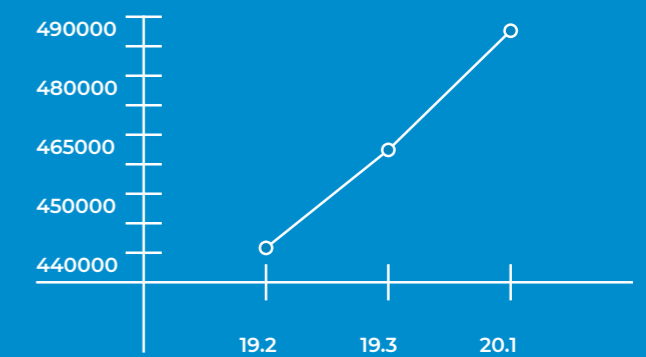
BRANDS

	19.2	19.3	20.1
275			○
270			
265		○	
260			
250	○		

SYSTEMS

	19.2	19.3	20.1
54000			○
53500			
53000		○	
52500			
52000	○		

CAPABILITIES

	19.2	19.3	20.1
51000			○
50500			
49000		○	
48500			
46000	○		

FAULT CODES

	19.2	19.3	20.1
490000			○
480000			
465000		○	
450000			
440000	○		

THREE ANNUAL SOFTWARE UPDATES

COVERAGE //

COMMERCIAL VEHICLES

Diagnostics equipment aimed for shops where repair and/or maintenance services are performed in several types of commercial vehicles, such as: Trucks, Buses, Trailers, Medium/Light commercial and Pickup trucks. This wide coverage, as well as the additional diagnostics modules (Jaltest INFO, GRP & Troubleshooting) and the possibility of configuring additional brands by the shop, makes the Jaltest Commercial Vehicle kit in the Industry-Leading diagnostic solution in the North American market.

JALTEST KITS ARE CLASSIFIED BY SECTOR AND COVERAGE

jaltest cv

THIS COMPREHENSIVE COVERAGE MAKES THIS KIT THE MOST POWERFUL DIAGNOSTICS UNIT ON THE MARKET

1. COVERAGE FOR HEAVY DUTY, MEDIUM/LIGHT DUTY TRUCK, BUS/COACH, TRAILER, PICKUP.
2. FEATURES BI-DIRECTIONAL CONTROLS.
3. ALL COMMERCIAL VEHICLE STANDARDS AND PROTOCOLS ARE SUPPORTED, INCLUDING RP1210.
4. INTUITIVE AND EASY TO USE INTERFACE.
5. AUTOMATIC DETECTION OF SYSTEMS AND FAULT CODES.
6. REPAIR GUIDES. TROUBLESHOOTING BY FAULT CODES AND BY SYMPTOMS.
7. TECHNICAL INFORMATION AND WIRING DIAGRAMS.
8. JALTEST GRP: SHOP MANAGEMENT SOLUTIONS.
9. CUSTOMIZATION OF VEHICLES.
10. FIXED SOFTWARE UPDATE FORECAST AND LATEST PROGRAMMED UPDATES, 3 TIMES A YEAR.
11. CALL - CENTER FOR TECHNICAL AND PRODUCT SUPPORT.
12. TRAINING & E - LEARNING.

JALTEST AGV

Jaltest is the Benchmark in the Agricultural Vehicle Diagnostics market by launching an application with great advantages and possibilities for an effective diagnostics on agricultural vehicles.

Following the functions from the other Jaltest modules, Jaltest completes this version with a great coverage for brands, systems and technical information, as well as with a wide range of cables for direct connection.

JALTEST OHW

This Jaltest kit has been developed to perform diagnostics in special and construction vehicles such as cranes, excavators, dumpers, stationary engines or street sweepers and road maintenance equipment.

The wide coverage, the technical information and the repair guides make Jaltest OHW the reference tool in the sector.
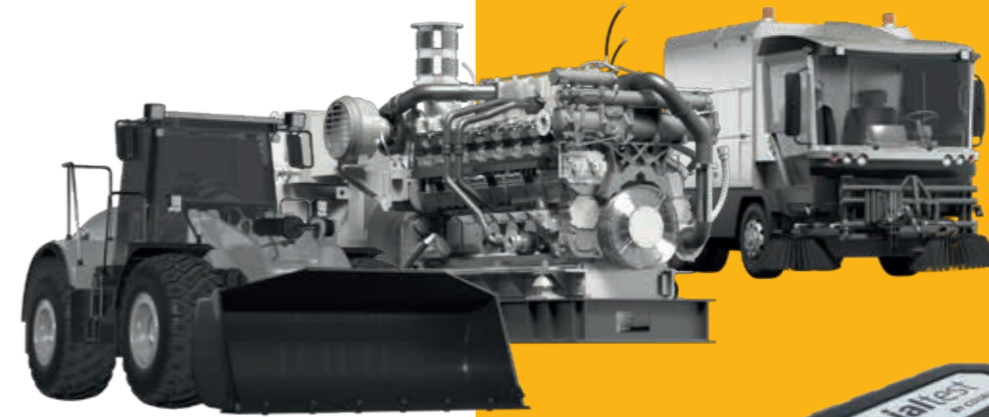
JALTEST MARINE

Diagnostics and maintenance tasks in Jet skis, Outboard and Inboard engines. Same as with the rest of the available diagnosis kits, Jaltest Marine gathers all the experience of the Jaltest Development and Technical Assistance departments available for marine businesses, shipyards, nautical shops and specialists in the repair and maintenance of vessels.
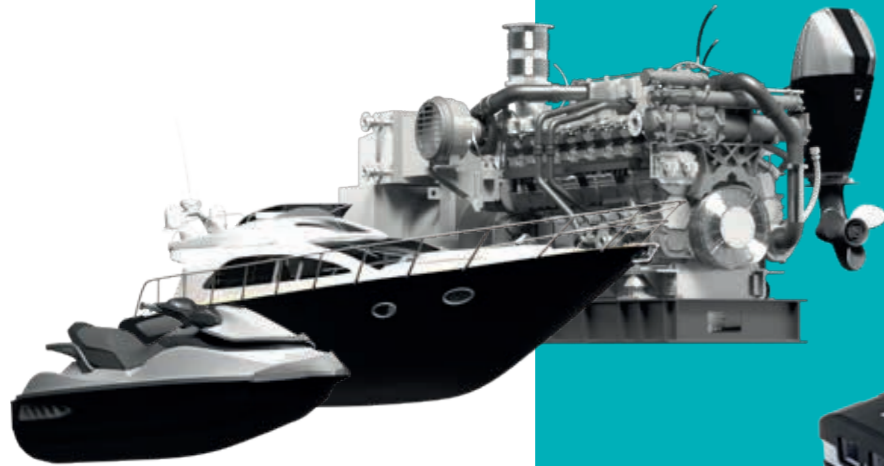
JALTEST DATA-LINK

Jaltest Data-Link further expands the possibilities of our diagnostics product offering.

The Data-Link Standard functionality allows the user to utilize the Jaltest Link VCI (Vehicle Communication Interface) with different OEM's software, without the need to utilize the OE hardware, making this new product the most complete entry-level commercial vehicle diagnostic solution in the market.

More than just a universal hardware, Jaltest Data-Link brings it's own software that allows for generic diagnostics and code clearing functionalities with no licensing requirements.

HARDWARE //

All Jaltest products have been designed to meet the demands and needs of in-shop and road assistance technicians. They are designed and built to face any extreme work or weather conditions.

JALTEST RUGGED PC.
- Windows 10 Pro.
- Exclusive design that improves resistance.
- MIL-STD 810G category certification.
- Liquidresistant keyboard/ touchpad.

JALTEST RUGGED PAD.
- 10" Rugged Tablet with Windows 10 Pro.
- Daylight-readable Display with Gloved Multi Touch + waterproof digitizer pen.
- User-replaceable Battery and Optional Long-Life Battery.

Accessories included.

Hand Strap.

Corner Guards.
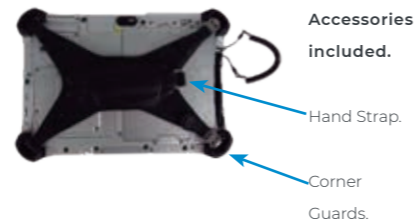
JALTEST HARDWARE SOLUTIONS.
Jaltest offers a wide coverage of solutions for commercial vehicles, agricultural equipment, off-highway equipment, and marine vessels.

Additional diagnostics modules (Jaltest INFO, GRP, & Troubleshooting) and sets of cables are also available for shops where repair and/or maintenance services are performed.

LINK V9

JALTEST DATA-LINK

TRAILER PLC

CABLES

JALTEST ACCESSORIES.
Additional equipment offered to the shop in order to perform their daily tasks in an easier and more comfortable way.

WORKSTATION

HARDCASE

SERVICES //

TURN YOUR SHOP INTO A TECHNOLOGICAL CENTER

TRAINING

To perform diagnostics, repair or maintenance tasks, todays technicians do not only require mechanical knowledge. In todays world, new vehicles have increased the electronic features and demand constant training and always being up to date if you want to carry out the repair.

For this reason, Cojali has created an exhaustive training plan, comprising both theory and practice. This training plan is multilanguage and it may be taught in Cojali's training classrooms or in any other location. Moreover, it has been designed with an e-learning format to follow the course on-line from any place.

COURSES

- DIAGNOSTICS
- ELECTRICS & ELECTRONICS
- PNEUMATICS
- ENGINE MANAGEMENT
- GEARBOX
- COMFORT SYSTEMS
- BRANDS
- TRAILER
- LIGHT COMMERCIAL
- AGRICULTURAL
- JALTEST SPECIALIST
- SYSTEM SPECIFIC
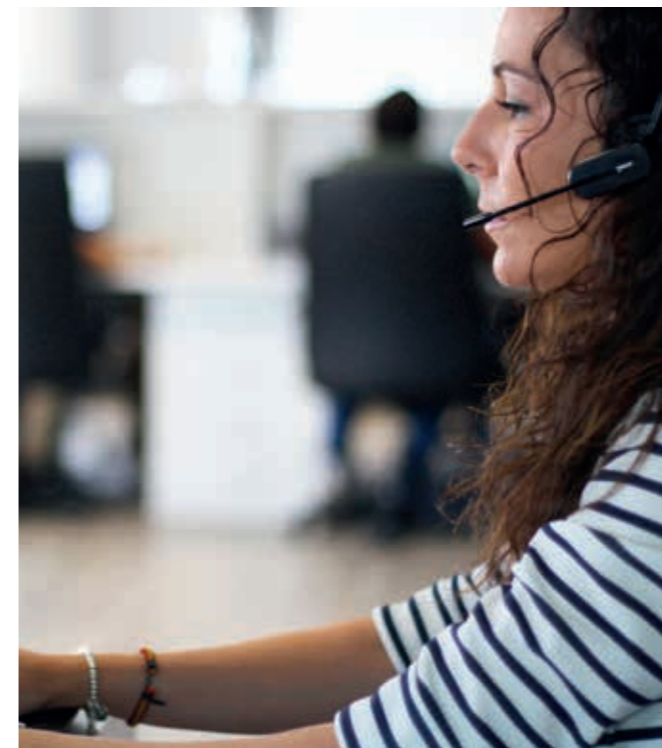
TECHNICAL ASSISTANCE

This kind of support is essential to solve certain vehicle breakdowns. Technological developments require the technician to update their knowledge regularly. Cojali offers a specialized support based us with the experience of our top mechanics and the development of technical information for commercial vehicles.

Jaltest customers worldwide continue to trust with our specialised technical assistance service; this service includes the possibility of remote assistance connections to solve our customers' doubts, immediately.

jaltest

DIAGNOSIS CENTER

cojali

CUSTOMER SUPPORT

A human team will be at your service to offer all the information about Jaltest you may need.
1. Software Update and Innovations.
2. Update release calendar information.
3. Device license management.
4. New products, hardware and software.
5. Special offers and promotions.
6. Invoices and purchase orders.
7. Shipping management.

COJALI //

Cojali is a Spanish multinational company and a leading manufacturer of cooling systems, braking systems, electronic components, all makes diagnostics and telematics for commercial vehicles, agricultural equipment, construction machinery and marine vessels.
Established in 1991, Cojali focuses on research, development and innovation for commercial vehicles in the aftermarket, offering high quality products just as the OEM.

COJALI PRODUCTS

COOLING SYSTEMS.
Cojali is a leading manufacturer of fans and viscous fan clutches for all types of commercial, agricultural equipment and off-highway machinery. Our catalog offers a wide range of brands in the European, Asian and North American markets.

AIR BRAKE SYSTEMS.
Cojali manufactures one of the widest ranges of braking systems for commercial and agricultural applications, among which we can find mechanic, pneumatic and electronic systems, such as clutch servos, actuators and other types of valves.

ELECTRONIC & ELECTRICAL COMPONENTS.
A constant growth within our R+D+i Department allows Cojali to keep investing in the development of this type of product, where electronics covers a large part of the spare part for commercial vehicles and agricultural equipment.

RECONDITIONED PRODUCTS.
Reconditioning of elements with electronic control, subject to strict quality controls. It is a complex and thorough process, since all the part components that might be worn are replaced by new ones, in addition to the renewal of the electronic part and the subsequent reprogramming or parameter setting, depending on each case.

JALTEST ISOBUS CONTROL

Jaltest ISOBUS CONTROL offers connectivity solutions between implement and tractor for all types of implements. This solution introduces the digitalization of agricultural production processes, in order to manage the resources efficiently and enable the precision agriculture to be more accessible and easier to implement.

Based on ISOBUS technology (ISO 11783), this solution has the following as its main objectives:

1. To ensure complete compatibility between tractor and implement regardless of the manufacturer.
2. Automation of agricultural processes.
3. Optimization of time, resources and machines.
4. Maximizing of agricultural production and cost reduction.
5. Acquisition of efficient data to aid in the decision-making process and in future season planning.
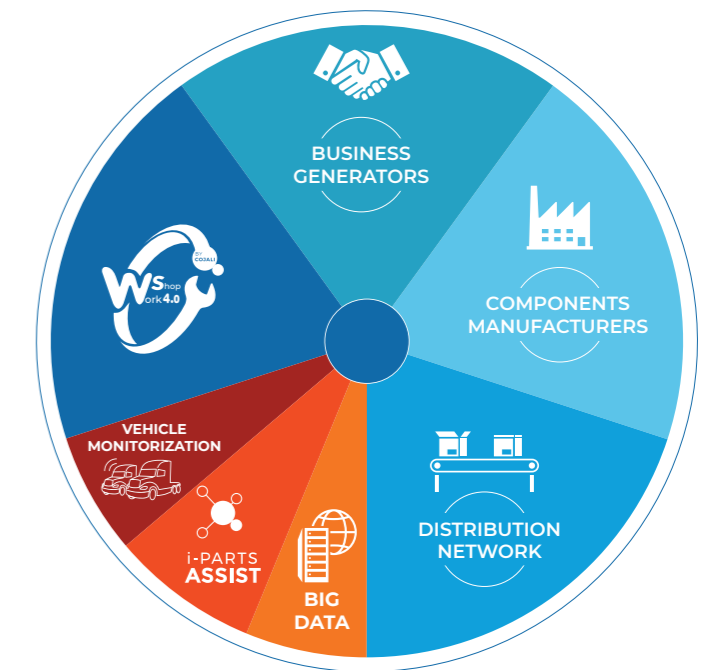6. Real-time control of farming and agricultural machines.

Jaltest ISOBUS CONTROL is a flexible and functional solution, which helps to achieve the maximum performance of agricultural machinery, to successfully and comfortably manage a productive and efficient business adapted to new technologies.

WORKSHOP 4.0

A set of solutions and services that connects shops, fleets and spare parts supplier in order to perform predictive maintenance and a professional, fast and efficient repair through Jaltest diagnostic tools, Telematics and Cloud Diagnostics, and latest generation components for commercial vehicles.

Workshop 4.0. is distinguished by offering Training services, Vehicle Fix support, Consulting and Support for the installation and reprogramming of components (i-Parts ASSIST).

BUSINESS GENERATORS

COMPONENTS MANUFACTURERS

DISTRIBUTION NETWORK

BIG DATA

i-PARTS ASSIST

VEHICLE MONITORIZATION

JALTEST TELEMATICS

TELEMATICS, CLOUD DIAGNOSTICS AND FLEET MANAGEMENT. A SOLUTION FOR EVERYTHING

Jaltest Telematics defines a new concept in the market that improves any current solution by adding technical information obtained directly from the vehicles. With the concept of cloud diagnostics, it is possible to see the health of your vehicle from anywhere in the world in real time.

Jaltest Telematics is aimed towards the optimization of fleet efficiency, by reducing the number of breakdowns, measuring the main indicators to support the decision-making process, and providing the necessary information to the users in each role.

1. Cloud Diagnostics.
2. Real time fleet health-check.
3. Breakdown time reduction.
4. ROI optimization.
5. Proactive shop.

LOCATION:

· Current position.
· History.
· Nearest vehicle.
· My sites.

ALARMS:

· Location.
· Distance travelled.
· Time intervals.
· Overspeedings.
· Maintenance.
· Cold chain.
· Diagnostics.
· Geofencing.

MESSAGES.

CLOUD DIAGNOSTICS:

· Present faults.
· Reading of out of range indicators.
· Real-time notifications (SMS and e-mails).
· Next maintenances.
· Fleet health-check.
· Clear fault codes. ex. aftertreatment system.

SENSORING:

· Doors opening and closing.
· Temperature.
· Humidity.
· Pressure.
· Customized solutions depending on the type of business.

REPORTS:

· Times, Speeds, RPM.
· Trip charts.
· Trip diagrams.
· Consumption.
· Brake actuations.
· Drivers ranking.
· Parameter reading and trailer data.
· Inertia usage.
· Inputs or sensors installed.
· Use of cruise control.
· Door opening and closing.

ELD (ELECTRONIC LOGGING DEVICE):

· Live HOS and Duty Status.
· Cycle rule status and notifications of violations.

SHOP NOTIFICATIONS:

· Repairs management.
· Maintenance management.
· Possibility of remote diagnostics.
· Possibility to have a network of shops.

ORDERS:

· Asset tracking.
· Real-time tracking.
· Chat with the driver.
· History of changes.

MAINTENANCE:

· Management of maintenance tasks.
· Maintenance Log.
· Maintenance management through shop notifications.
· Maintenance alerts.

FUEL:

· Fueling recording for drivers and information about actual fuel costs.

OEM.
SOLUTIONS
by cojali

Cojali is not only a manufacturer for the independent after-market, but also an OEM-level solution provider.

Thanks to a vast experience in the manufacturing of high-quality products, industry-leading and independent multibrand diagnostics and new technologies for fleet management, Cojali is a sure bet to provide solutions for leading vehicle and system manufacturers.

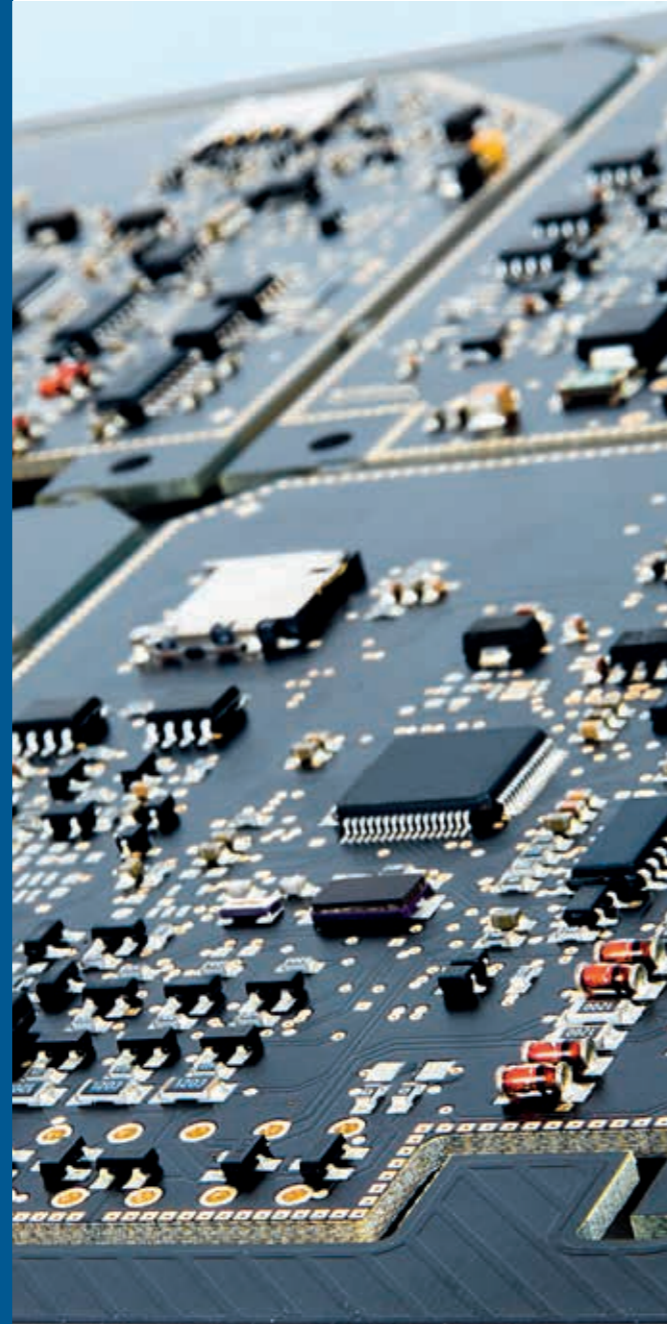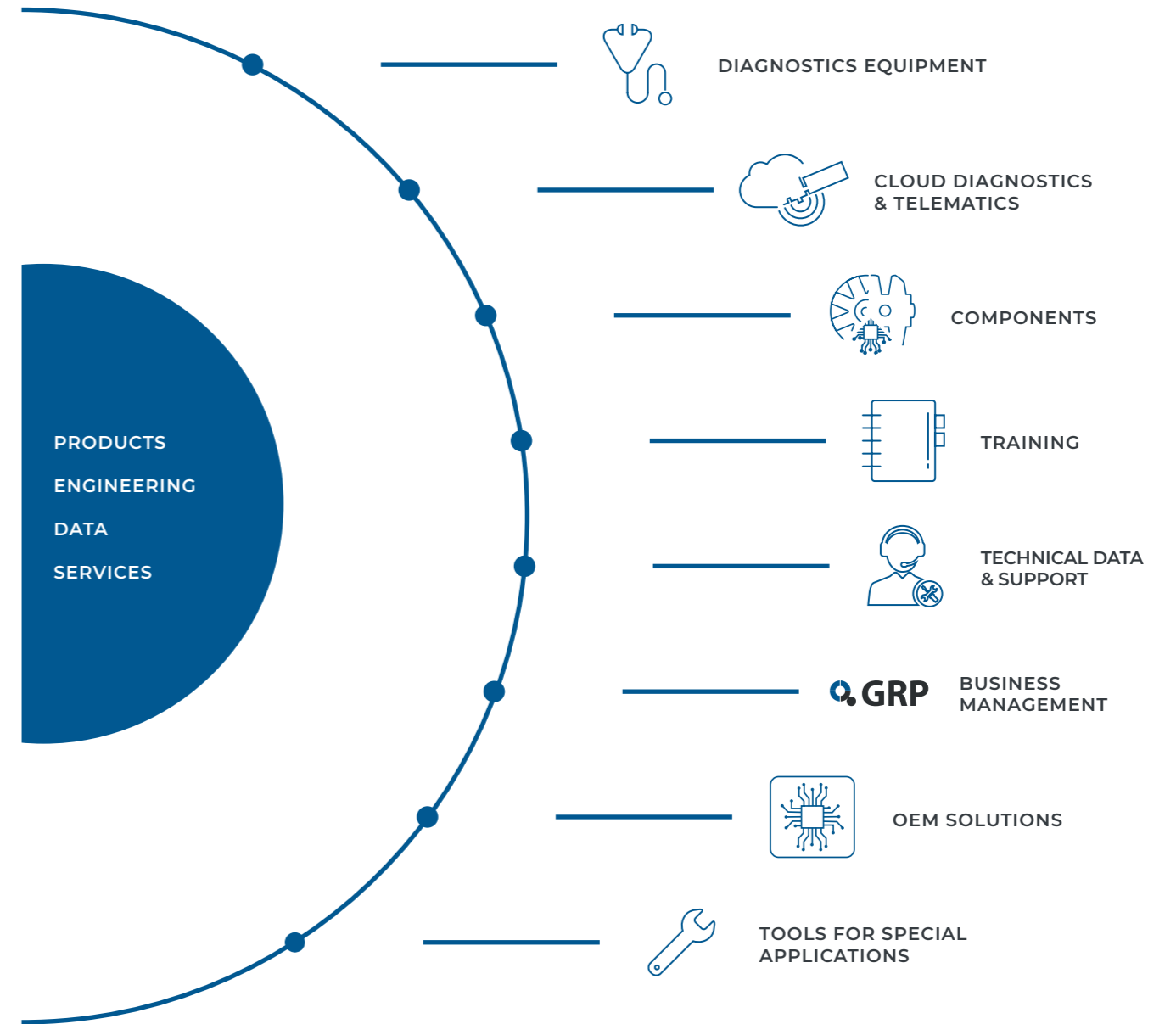# TAILORED HARDWARE & SOFTWARE SOLUTIONS FOR MANUFACTURERS

DIAGNOSTICS

TELEMATICS

ELECTRONICS

COMPONENTS

COJALI. WE MEET ALL YOUR BUSINESS NEEDS

PRODUCTS

ENGINEERING

DATA

SERVICES

DIAGNOSTICS EQUIPMENT

CLOUD DIAGNOSTICS & TELEMATICS

COMPONENTS

TRAINING

TECHNICAL DATA & SUPPORT

GRP BUSINESS MANAGEMENT

OEM SOLUTIONS

TOOLS FOR SPECIAL APPLICATIONS

cojali GROUP

2020 V.3 US EN

AENOR
ER
Empresa
registrada
UNE-EN ISO 9001

CERTIFIED
IQNet
MANAGEMENT SYSTEM

AENOR
ER
Gestión
I+D+i
UNE 166002

Land of Giants

Local distributor