jaltest

BYCOJALI

CATALOGUE

CV   AGV   OHW   marine   ISOBUS CONTROL   TOOLS

jaltest BYCOJALI

INDEX //

JALTEST //

Jaltest is a Mutibrand and Multisystem diagnostics tool developed to perform the most advanced vehicle diagnostics and maintenance tasks in an easy and intuitive way.

Jaltest is not limited to reading error codes on vehicle systems, it also features bi-directional controls and guided troubleshooting.

Jaltest after-sales support is focused to deliver professional services to the workshop through:

1. Technical Assistance.
2. Training & e-Learning.
3. Specialised 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 cushions small bumps, protects against scratches and enables the seal closure of the device, preventing the inlet of dirt and water (IP40).
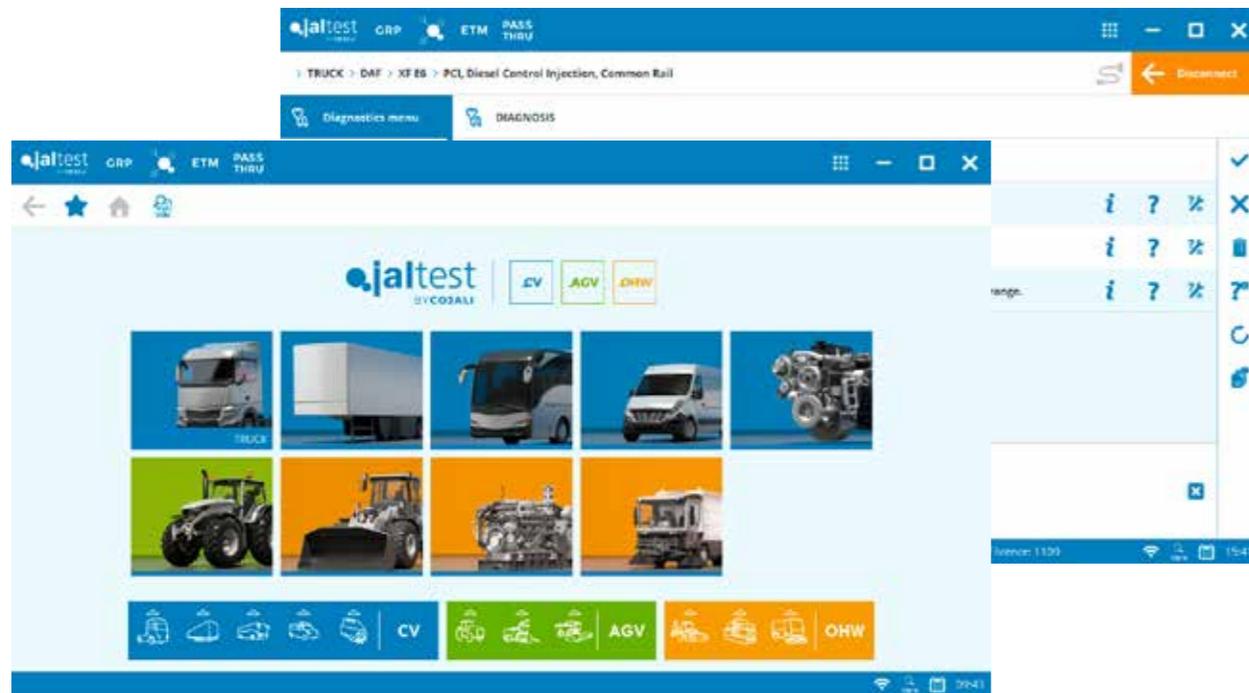
COMPACT AND LIGHT.
Reduced weight, Jaltest V9 is 76% lighter than its predecessor. It offers the possibility of attaching a lanyard to facilitate the use of the device.

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.

CUSTOMISABLE.
Responsive design that adapts to all screen types and sizes. It enables the user to configure the shortcuts, customise the working area and define the visualisation according to the user needs.

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

ELEGANT DESIGN WITH BRIGHTER COLOURS.
Clean, minimalist and elegant design to favour the visualisation of graphics, icons and colours.

MORE VISUAL,
MORE INTUITIVE
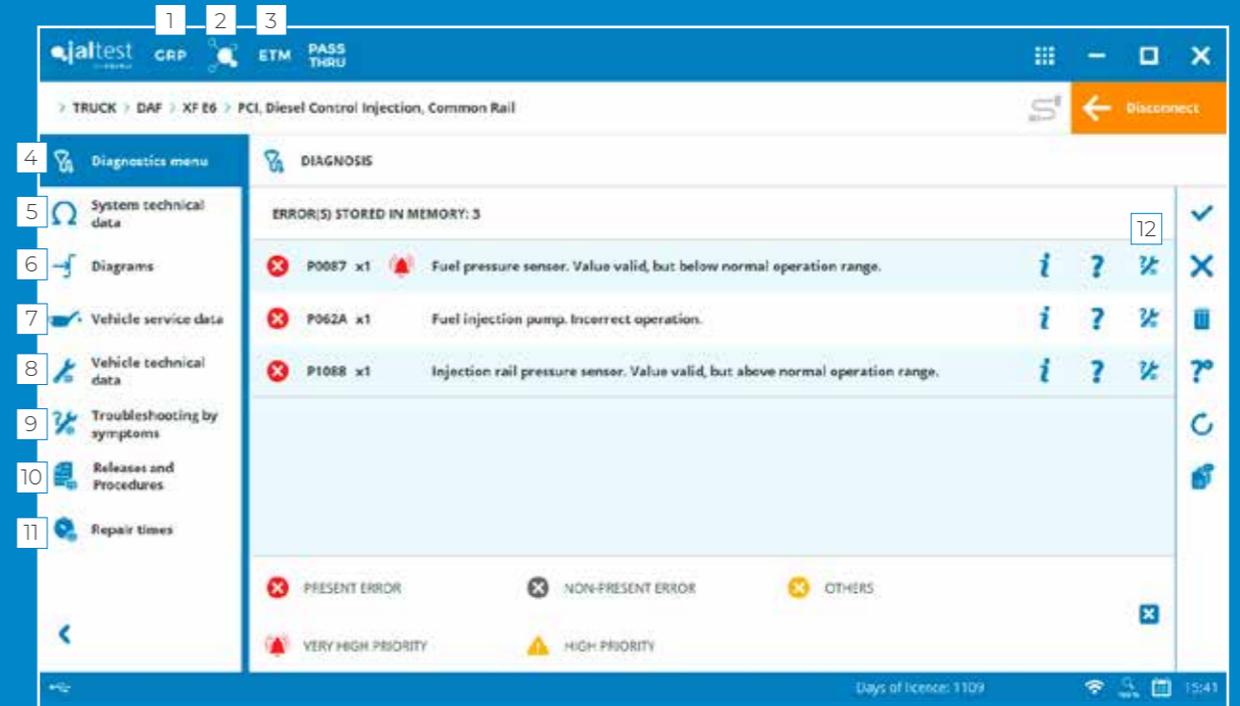
MULTIBRAND AND MULTISYSTEM COVERAGE

Jaltest is the market leading multibrand diagnosis tool for commercial vehicles. It also offers diagnostics 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). Workshop and Customer/Vehicle Record Management.
2. **i-PARTS ASSIST.** Cross-referencing platform. Installation guides.
3. **ETM** (Electronic Test Module). Direct diagnosis on EBS modules.
4. **Diagnostics Menu.**
5. **System Technical Data.**
6. **Wiring diagrams, and fuses and relay boxes.**
7. **Vehicle Service Data.**
8. **Vehicle Technical Information.**
9. **Troubleshooting Guides by symptoms.**
10. **Technical Releases.**
11. **Repair Times.**
12. **Troubleshooting Guides by Fault Codes.**

SOFTWARE //

GUIDED DIAGNOSTICS

Jaltest provides the necessary information to repair vehicle breakdowns in an easy and effective way:

1. Component technical data.
2. Wiring, system and fuse diagrams.
3. Vehicle service data for vehicle inspections.
4. Vehicle technical data.
5. Troubleshooting by symptoms of the most common failures on the vehicles.
6. Releases and procedures with manufacturer information.
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 error.

Freeze-Frame data.

Troubleshooting by symptoms.

Troubleshooting details.
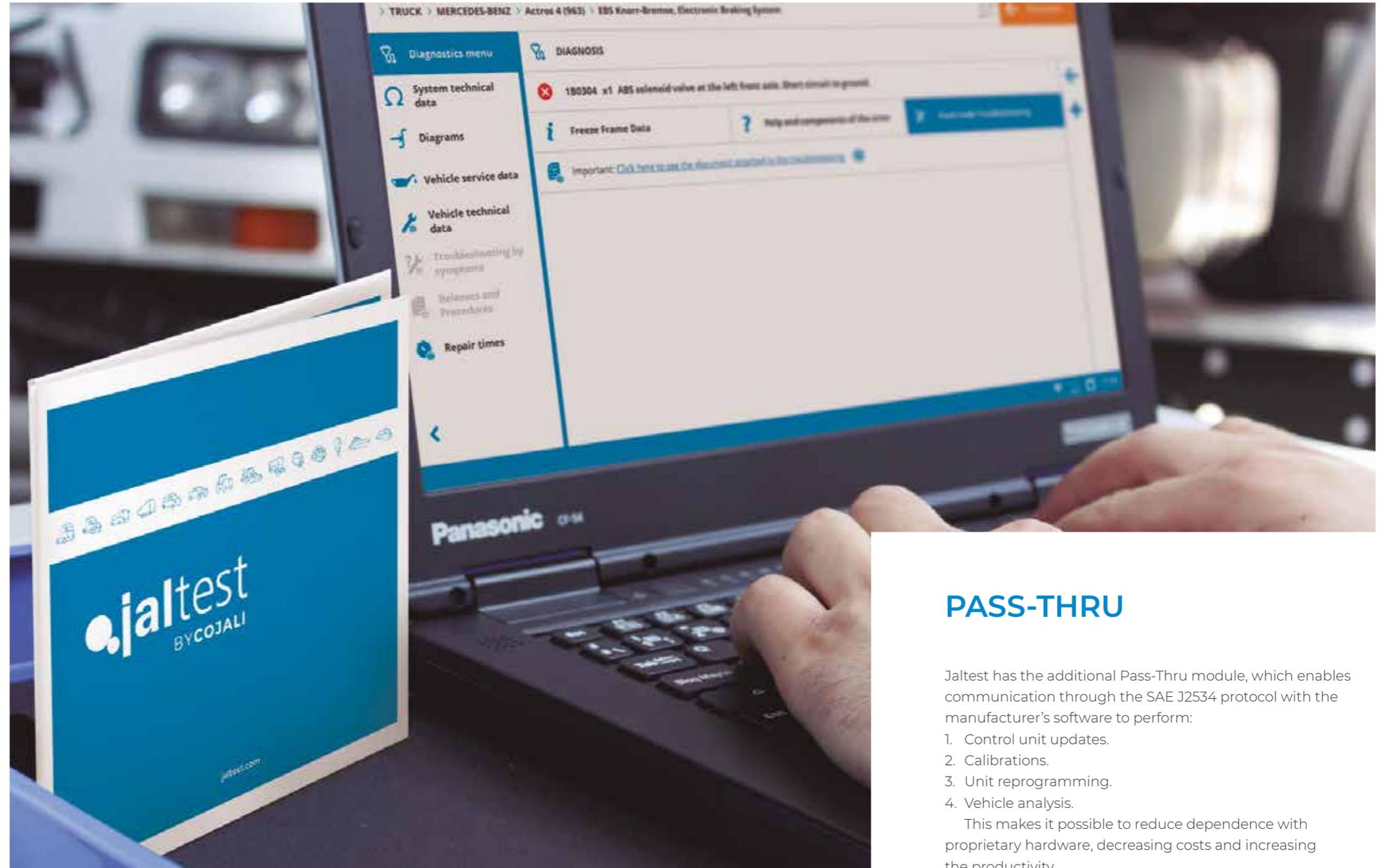
Fault Code Troubleshooting.

BEST-IN-CLASS REPAIR GUIDES, ONE CLICK AWAY

JALTEST INFO

Detailed technical information including images, pictograms, graphics, diagrams and pictures for every vehicle to be diagnosed. This information will help to identify the error code, the part, the location, etc. In this complete module we can find:

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

JALTEST INFO IS THE BENCHMARK TECHNICAL INFORMATION IN THE MARKET

PASS-THRU

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

1. Control unit updates.
2. Calibrations.
3. Unit reprogramming.
4. Vehicle analysis.

This makes it possible to reduce dependence with proprietary hardware, decreasing costs and increasing the productivity.
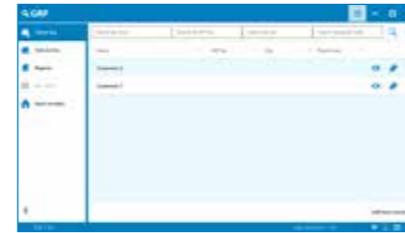
JALTEST DELIVERS RESULTS, AS SOON AS THE VEHICLE ENTERS THE WORKSHOP

GRP BASIC.
· Client list.
· Reports (diagnosis, maintenance & ETM).
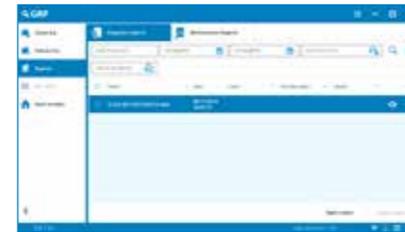
CLIENT LIST.

REPORTS.

JALTEST GRP

GRP is an optimized workshop management solution. Share customer information, vehicle data and diagnostic reports, work order management, labor times and access to Jaltest Telematics solutions.
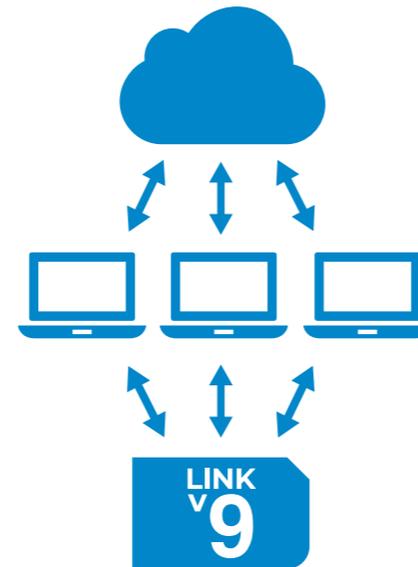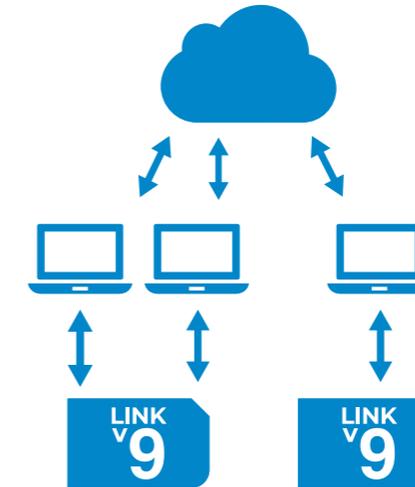
GRP SYNCHRO.
· GRP Basic.
· User accounts control (10 maximum).
· Data synchronisation between multiple PCs (same Jaltest interface).
· Information Back-up.
· Human Resources.

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

GRP NETWORK.
· Access to diagnosis and maintenance reports between multiple workshops inside a network.

GRP MODULES DESCRIPTION:

CLIENT LIST.
Management of customers for a workshop or a network of workshops.

REPORTS.
Management and consultation of all reports generated by Jaltest: diagnosis, maintenance, work order, workshop time or ETM module.

WORKSHOP MANAGEMENT.
· Work orders.
· Task.
· Workshop time reports.

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

RECEPTION.
· Reception forms.
· Work orders management.

HUMAN RESOURCES.
Intended for the management of the workshop's staff.

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

1. INTERACTIVE WIRING DIAGRAMS.

While navigating over the wiring diagrams, the components are outlined and the technical information including, relevant documents, technical data, comments and location, can be directly accessed.

2. SYSTEM OPERATING DIAGRAM.

Understanding how systems work can be a complex task. Jaltest provides the pneumatic, electrical and fuel schematics with their corresponding technical values, images, locations and much more to speed up the technician's work.

3. SYSTEM DISPLAY.

Real-time live data display on vehicle schematics. It enables a fast assessment of the functioning of the system.

4. VIRTUAL INSTRUMENTS / GRAPHS.

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

5. SYSTEM SCAN.

This function allows the user to auto-detect the available systems in the selected model. During the Auto-detection, error reading of every available system takes place including their identification data. Later, every error found can be cleaned.

OUTSTANDING FEATURES

6. FLEET CUSTOMISATION.

This function will allow customizing your fleet. Create new brands specific to your market by selecting the systems included in the vehicle. Add connectors, location, images and comments.

7. DIAGNOSIS BY NUMBER PLATE.

Once the customers and vehicles portfolio has been created, the access by number plate is fast and easy.

8. SHORTCUT TO SPECIAL FUNCTIONS.

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

9. TECHNICAL DATA AND PROCEDURES.

The experience of Cojali's Technical Assistance team has allowed the classification of the most relevant technical data of the vehicle.

10. REPAIR TIMES.

In order to help improving the workshop time management and productivity, a time estimation function has been created.

JALTEST EXPERT MODE

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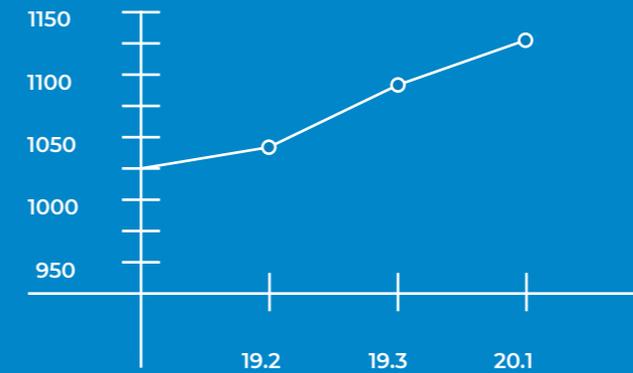
1. Calibrations of sensors (injectors, VGT, accelerator, etc.).
2. Setting of the system operation parameters (coding of injectors, etc.).
3. Configuration of the vehicle maintenance services.
4. Verification of systems functionalities.
5. Replacement of electronic control units.
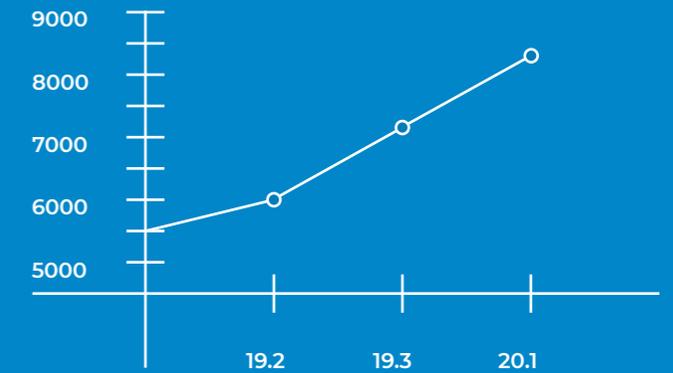6. DPF regeneration.
7. More...

CONSTANT INNOVATION

New brands, models and systems are being developed constantly. This is why Jaltest CV releases three software updates each year, offering your business industry-leading diagnostics solutions.
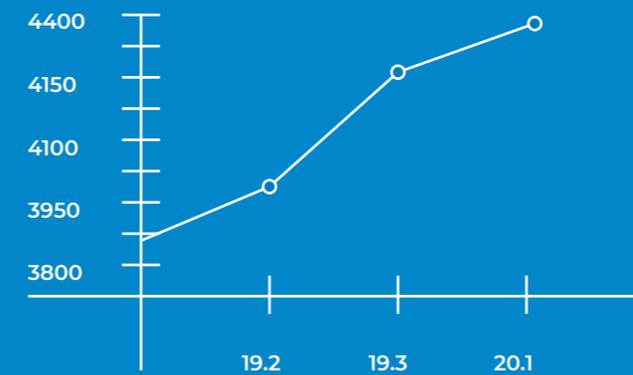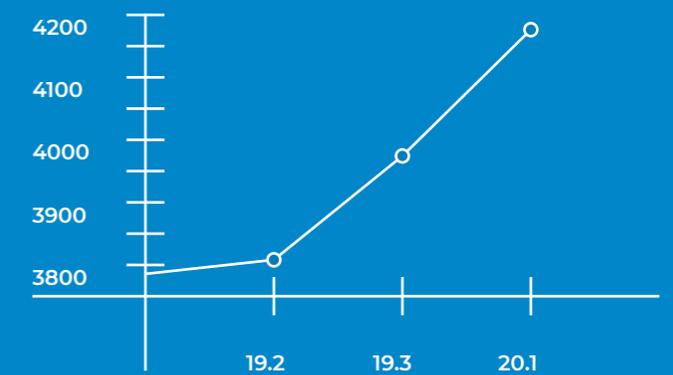
MODELS

SYSTEMS

TECHNICAL INFO

DIAGRAMS

THREE ANNUAL SOFTWARE UPDATES

COVERAGE //

COMMERCIAL VEHICLES

Diagnostics equipment aimed for workshops where repair and/or maintenance services are performed in several types of commercial vehicles, such as: Trucks, Buses, Trailers, LCVs, Pick-Ups.
This wide coverage, as well as the additional diagnosis modules (Jaltest INFO, GRP, ETM, i-Parts ASSIST, Troubleshooting) and the possibility of configuring additional brands by the workshop, makes the Jaltest Commercial Kit the Industry-Leading diagnostic solution.

JALTEST KITS ARE CLASSIFIED BY SECTOR AND COVERAGE

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

1. COVERAGE FOR TRUCK, BUS, TRAILER, LCV, PICK-UP.
2. ALL COMMERCIAL VEHICLES STANDARDS AND PROTOCOLS ARE SUPPORTED INCLUDING RP1210 AND PASS-THRU.
3. INTUITIVE AND QUICK SOFTWARE INTERFACE.
4. AUTOMATIC DETECTION OF SYSTEMS AND ERROR CODES.
5. TROUBLESHOOTING BY SYMPTOMS AND ERRORS HELP.
6. INTEGRATED TECHNICAL INFORMATION, WIRING DIAGRAMS, TECHNICAL DOCUMENTS...
7. SCHEDULED UPDATES AND LATEST DEVELOPMENT IMPLEMENTATIONS.
8. CALL-CENTER FOR TECHNICAL AND PRODUCT SUPPORT.
9. TRAINING & E-LEARNING.
10. ETM - ELECTRONIC TEST MODULE.
11. i-PARTS ASSIST. CROSS-REFERENCING PLATFORM. INSTALLATION GUIDES.
12. GRP - GARAGE RESOURCE PLANNING.
13. VEHICLE BRAND CUSTOMISATION.
14. REPAIR TIMES.

JALTEST CV MODULAR KITS

In order to offer the customer a flexible diagnostic solution that meets their needs, Jaltest CV offers the possibility of acquiring modular licenses for:

1. Tractor heads or rigid truck.
2. Particular brands of commercial vehicles.
3. Trailer and semi-trailer.
4. Light commercial vehicles.
5. Bus.

JALTEST TRUCK.

This module includes every function available in Jaltest and it is developed only for trucks. It is the perfect tool for those workshops and fleets that only perform repair or maintenance work on tractor heads or rigid trucks. The wide range of brands for any market makes it the benchmark tool in the sector.

JALTEST TRAILER.

Jaltest diagnosis software is the most advanced solution for the repair and maintenance of trailers and semitrailers. Jaltest offers the best coverage, functions and technical information in the market for this kind of vehicles.

JALTEST BUS.

Jaltest diagnosis software ensures the connection with this kind of vehicles in an easy and precise way. Thanks to the different Jaltest modules, as well as to the possibility of diagnosing by number plate or chassis number, Jaltest is considered the best multibrand diagnostic device for the bus industry.

JALTEST TRUCK SELECT.

Now Jaltest offers the possibility to access a custom-made software experience, choosing only the vehicle brands better adapted to your business. This version will ensure every diagnostic task for the brands selected by the customer.

JALTEST LCV.

This software has the ability to perform the necessary diagnosis functions on any type of brand from European, American and Asian markets.

CUSTOMISE YOUR MODULAR KIT.

Modular kits can be combined depending on the needs of your business. Enabling to have a customized diagnosis tool, combining any of the aforementioned kits.

JALTEST AGV

Jaltest is placed as a benchmark in this market by launching an application with great advantages and possibilities for an effective diagnosis on agricultural vehicles.
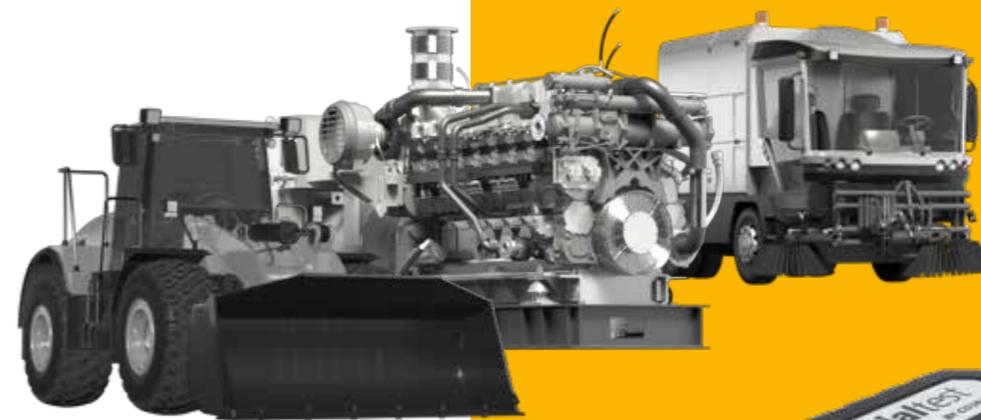
Following the functions from the other Jaltest modules, Jaltest completes this version with a great coverage for brands, systems and technical information, as well as with a wide range of cables for direct connection.

JALTEST OHW

This Jaltest kit has been developed to perform diagnosis in special and construction vehicles such as cranes, excavators, dumpers, stationary engines or street sweepers and road maintenance equipment.
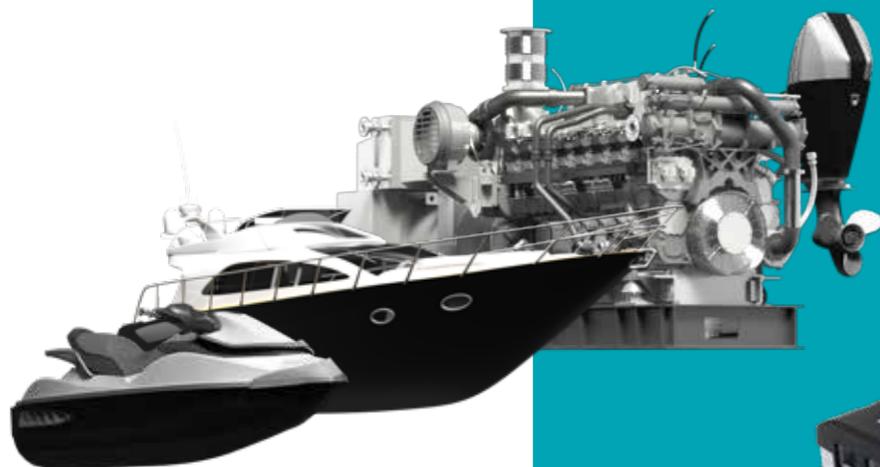
The wide coverage, the technical information and the repair guides make Jaltest OHW the reference tool in the sector.

JALTEST MARINE

Diagnosis 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 workshops and specialists in the repair and maintenance of vessels.

JALTEST RP1210

Jaltest RP1210 further expands the possibilities of our diagnostics product offer.

The RP1210 Standard functionality allows the user to utilize the Jaltest Link VCI (Vehicle Communication Interface) with different manufacturers' 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.

JALTEST ASIA // JALTEST INDIA

This new tool has been developed with an specific coverage of industrial vehicle brands from East Asia. It is ready to meet the needs of all workshops and fleets from this area, as well as from other markets where these brands are sold.

HARDWARE //

All Jaltest products have been designed to meet the demands and needs of the workshop mechanics and the most demanding road assistance needs. They are designed and built to face any extreme work or weather conditions.
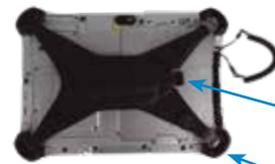
JALTEST RUGGED PC.
· Windows 10 Pro.
· Exclusive design that improves resistance.
· MIL-STD 810G category certification.
· Liquidresistant keyboard/ touchpad.

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 diagnosis modules (Jaltest INFO, GRP, ETM, i-PARTS ASSIST, Troubleshooting...) and sets of cables are also available for workshops where repair and/or maintenance services are performed.

LINK V9

RP1210

OEM
RP1210

CABLES

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

WORKSTATION

HARDCASE

SERVICES //

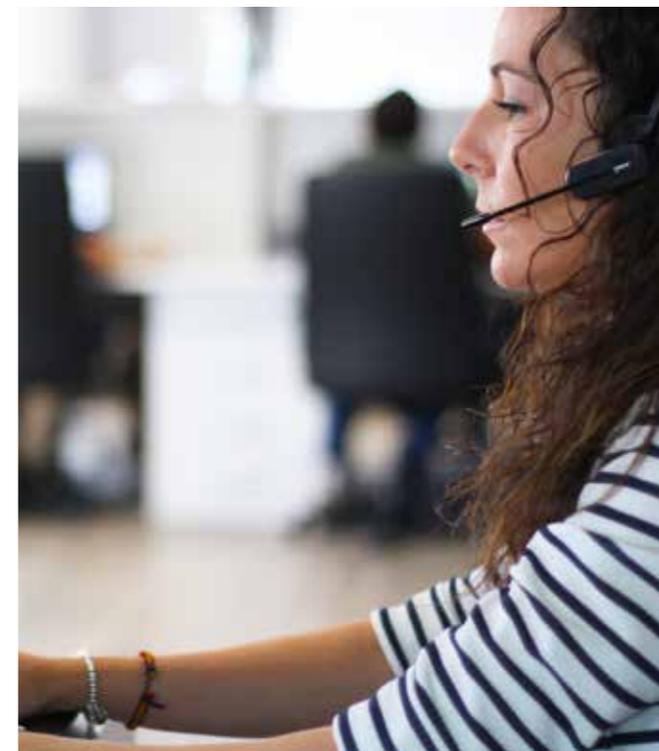## THE CHANCE TO TURN YOUR WORKSHOP INTO A TECHNOLOGICAL CENTRE IS IN YOUR HANDS

TRAINING

To perform diagnostics, repair or maintenance tasks, todays technicians do not only require mechanical knowledge. Today, new vehicles with new electronic systems demand a continuous training turning our skills into a great working tool, in order to deal with any kind of vehicle as new as it may be.

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
- PNEUMATICS
- ENGINE MANAGEMENT
- GEARBOX
- COMFORT SYSTEMS
- BRANDS
- TRAILER
- LIGHT COMMERCIAL
- AGRICULTURAL
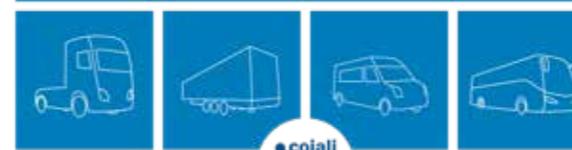- JALTEST SPECIALIST
- SYSTEM SPECIFIC

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 specialised support based on 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.

CUSTOMER SERVICE

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, multibrand 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 catalogue 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 TOOLS

New range of Jaltest Tools products designed to supply the workshop with a high-quality professional equipment and consistent with the current digital technology.

Combined with Jaltest, the leading multibrand diagnostics tool, it will provide new business opportunities and a simple and guaranteed service for the end customer.

This new ecosystem of solutions will facilitate the most advanced diagnostics tasks and maintenance of the vehicle and machinery, in a simple and intuitive way, not only at the software level, but also at the manual and tasks check level.

1. ADAS calibration equipment.
2. Electronic Simulation Benches.
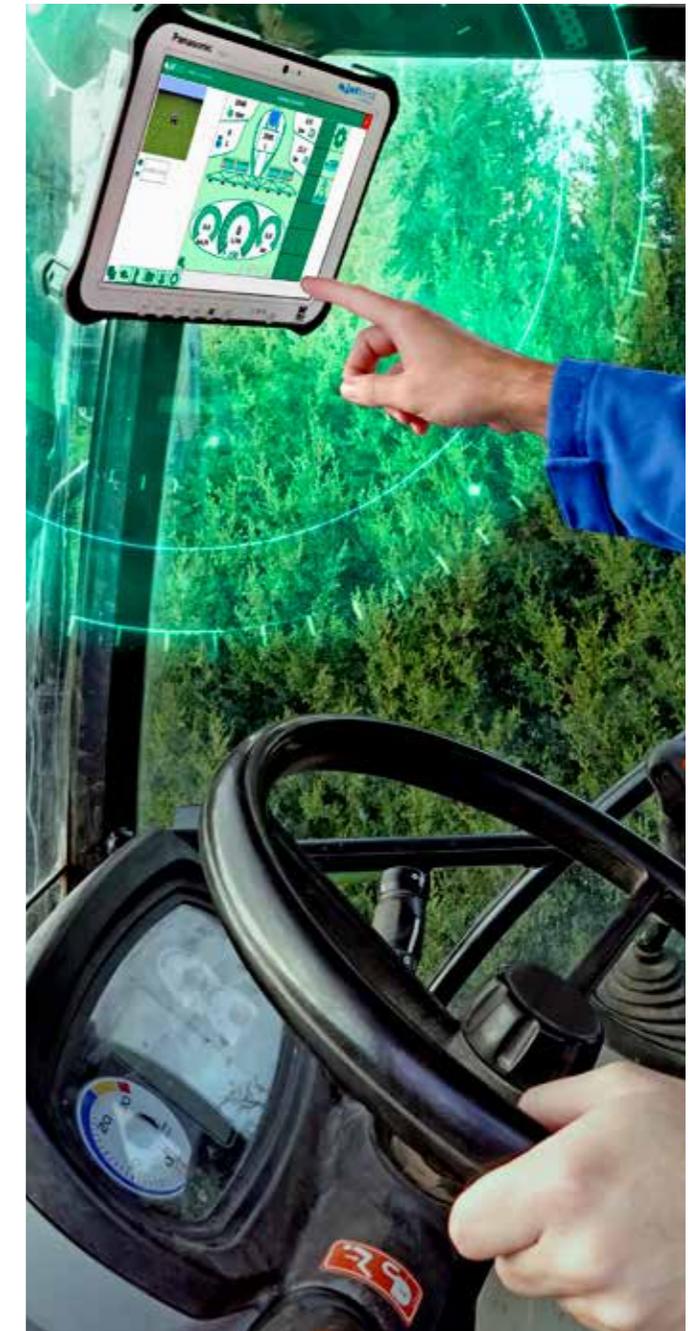3. Special repair tools.
4. Electronic equipment.

JALTEST ISOBUS CONTROL

Jaltest ISOBUS CONTROL offers connectivity solutions between implement and tractor for all types of implements. This solution introduces the digitalisation of agricultural production processes, in order to manage the resources efficiently and enable the agricultural 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. Optimisation of time, resources and machines.
4. Maximisation 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 cultivation 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.

i-Parts ASSIST

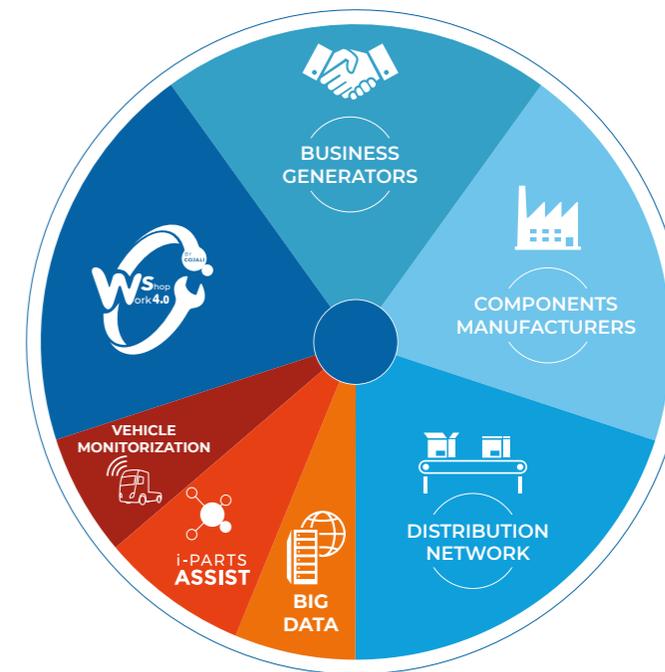i-Parts ASSIST, is Cojali's latest Parts Support Program aimed towards the workshop.

Through a series of guides and video tutorials, the workshop is capable of easily carrying out the installation of components that may require reprogramming or the use of diagnostics tools.

WORKSHOP 4.0

A set of solutions and services that connects workshops, 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).

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.

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 Workshop.

LOCATION:

· Current Position.
· History.
· Nearest Vehicle.
· My sites.

ALARMS:

· Location.
· Distance travelled.
· Time intervals.
· Overspeedings.
· Cold chain.
· Diagnosis.
· Pending tachograph / driver card downloads.

MESSAGES.

CLOUD DIAGNOSTICS:

· Present Errors.
· Reading of out of range indicators.
· Real-time notifications (SMS and e-mails).
· Next maintenances.
· Fleet health-check.
· Error clearance. ex. antipollution 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.
· Driver's Ranking.
· Parameter reading and trailer data.
· Inertia usage.
· Inputs or sensors installed.
· Use of cruise control.
· Door opening and closing.

TACHOGRAPH:

· Remote tachograph download.
· Remote download of driver cards, driving times and rest times.

WORKSHOP NOTIFICATIONS:

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

ORDERS:

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

MAINTENANCE:

· Management of maintenance tasks.
· Maintenance Log.
· Maintenance management through workshop 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.

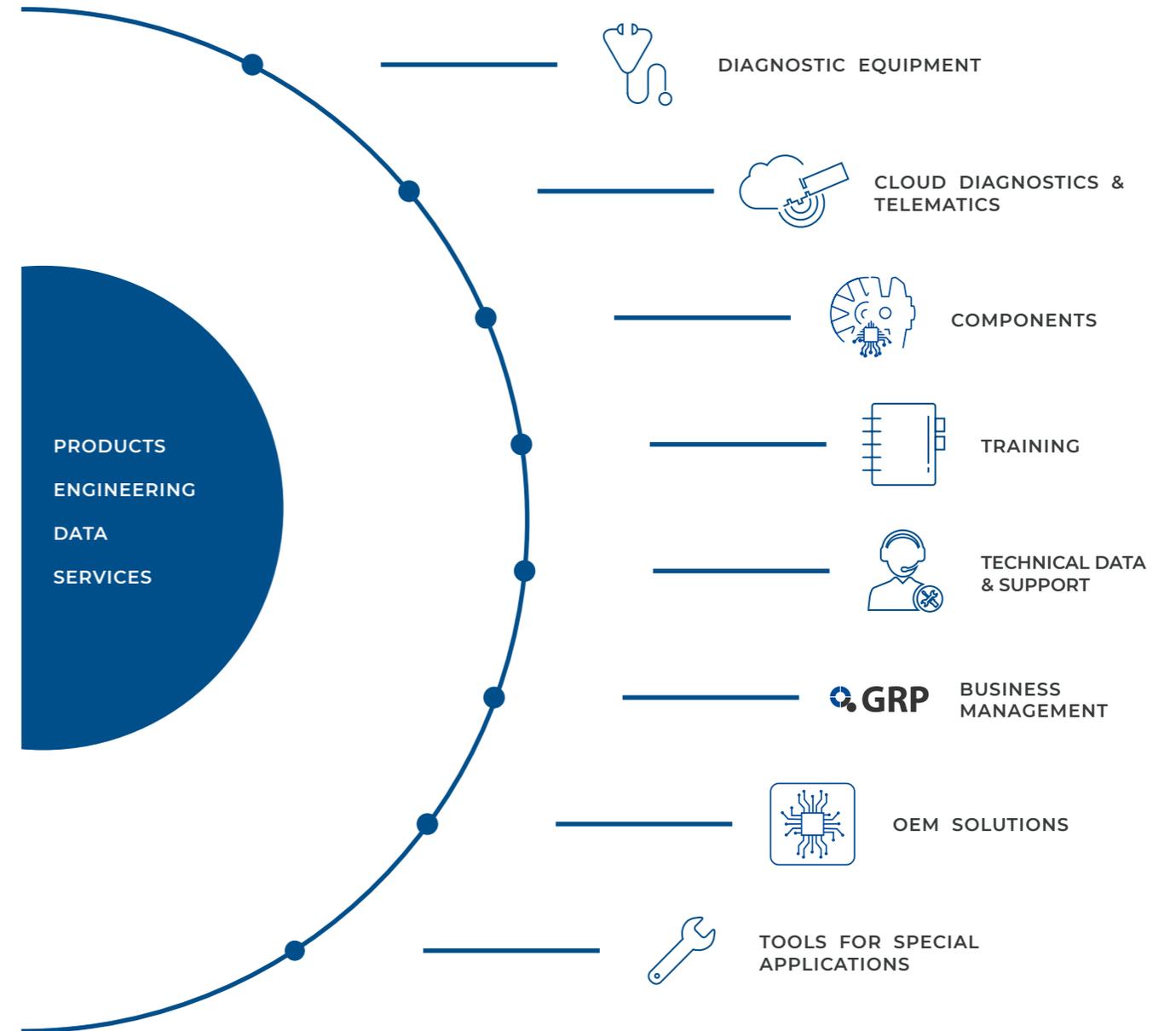## TAILORED HARDWARE & SOFTWARE SOLUTIONS FOR MANUFACTURERS

DIAGNOSTICS

TELEMATICS

ELECTRONICS

COMPONENTS

COJALI. WE MEET ALL YOUR BUSINESS NEEDS

PRODUCTS
ENGINEERING
DATA
SERVICES

DIAGNOSTIC EQUIPMENT

CLOUD DIAGNOSTICS & TELEMATICS

COMPONENTS

TRAINING

TECHNICAL DATA & SUPPORT

GRP BUSINESS MANAGEMENT

OEM SOLUTIONS

TOOLS FOR SPECIAL APPLICATIONS

.cojali
GROUP

2020 V.2 EN

Land of Giants

AENOR
ER
Empresa registrada
UNE-EN ISO 9001

CERTIFIED
IQNet
MANAGEMENT SYSTEM

AENOR
ER
Gestión I+D+i
UNE 166002

Local distributor