

DIAGNOSTICS, TELEMATICS & TOOLS

jaltest *marine*

CATALOG

CV

AGV

DHW

marine

ISOBUS
CONTROL

TOOLS

jaltest
BY COJALI

AWARDS //

Technicians have been struggling since late 1990s and the arrival of electronic systems into the marine industry. A vast mechanical knowledge is no longer enough to get the job done, and each year engine technology continues evolving focused on more electronic elements and increasing the complexity of repairs. Either you embrace the hardware and software needed or you are out of the game.

At this point the first problem comes up, as these new tasks could only be performed by OEM (Original Equipment Manufacturers) diagnostics tools, and these are not always available to the public. How can I get into the electronics of the system? OEMs have taken advantage of this situation by monopolizing everyday tasks, components, and services in the workshop. This only generates frustration, it wastes time for all and creates a loss of economic resources.

With more systems coming online, the market continues to look for that ALL-IN-ONE solution that can fix anything that comes through the shop doors and maintains the quality of the original equipment. Jaltest Marine Diagnostics is that tool!

With Jaltest Marine Diagnostics you will never be alone, consider it as a partner in crime, or the repair that is. With the ability to read the electronics on your vessel, access the wiring diagrams and relevant technical information, there will be less frustration and more success. But not only that, should a problem arise, our team of specialized Customer Support associates can remote in and walk you through the process. Repair for yourself, but never again by yourself.

UNTIL NOW
THAT IS!



Great work has recognition, and we are proud winners of the 2019 IBEX Innovation Awards, organized by the NMMA association, in the category *Boatyard and Marina Hardware and Software*.

This award showcase outstanding marine product development to the recreational boating industry. It is one of the most distinctive and prestigious tributes in the sector that recognizes the work of manufacturers and suppliers who introduce innovative products to the market. Among the winners, top manufacturers like Evinrude & Volvo Penta, also received the prize in other categories.

Thank you for trusting our product, our process, and our company. This is just the beginning, expect continuous improvements as we grow in helping you solve the problems that the future has in store for us.

Members of:



**2019 IBEX INNOVATION
AWARDS WINNER**

**CATEGORY: BOATYARD
AND MARINA HARDWARE
AND SOFTWARE**

LET'S SAIL THE
FUTURE TOGETHER!

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INDUSTRY-LEADING
DIAGNOSTICS & TECHNICAL
SOLUTIONS

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COJALI





JALTEST MARINE //

All-makes, all-systems diagnostics tool developed to perform the most advanced vessel & stationary engine diagnostics and maintenance tasks in an easy and intuitive way.

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

Jaltest Marine after-sales support is focused on delivering 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.

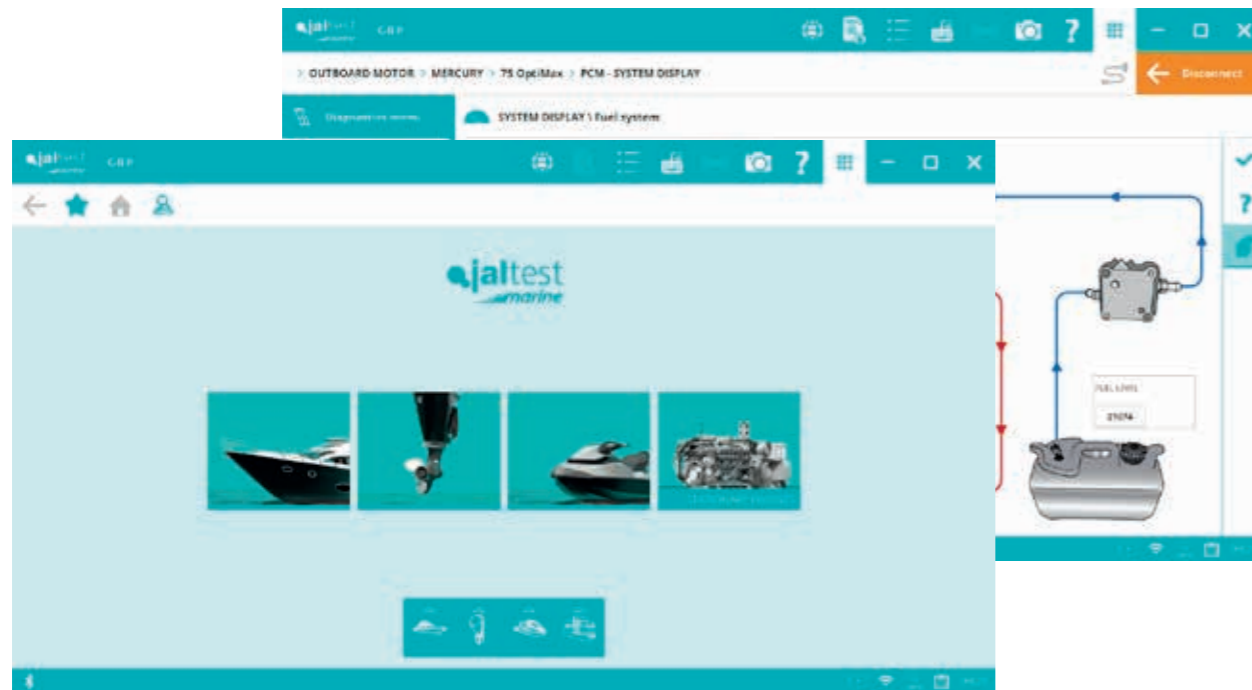
COMPACT AND LIGHT.

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 //



MORE VISUAL,
MORE INTUITIVE

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.

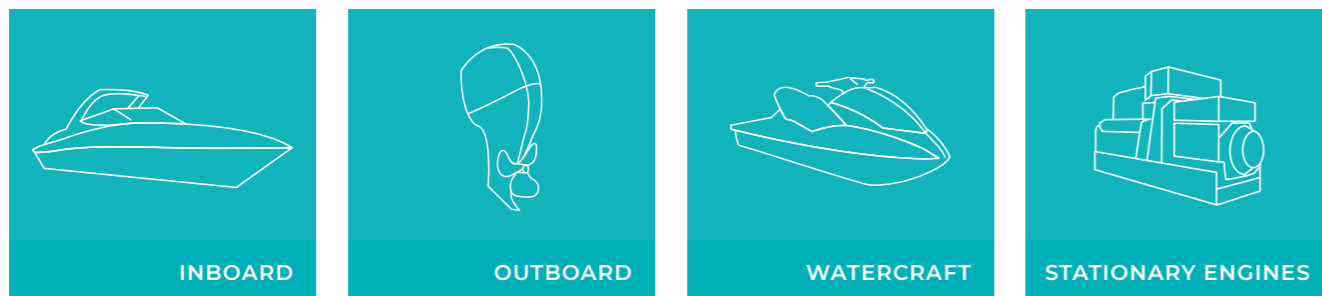
It offers the user all the information needed in one single display. It enables them to visualize the maximum number of functions, make a search, etc.

ELEGANT DESIGN WITH BRIGHTER COLORS.

Clean, minimalist and elegant design to favor the visualization of graphics, icons and colors.

ALL-MAKES AND ALL-SYSTEMS COVERAGE

Jaltest Marine is a benchmark in the marine equipment sector due to its great advantages and possibilities to be able to perform an effective diagnostics in vessels and stationary engines. Following the functionalities of the rest of Jaltest Marine modules, this version is completed with a great coverage of brands, systems and technical information, as well as a wide range of cables to make a direct connection.

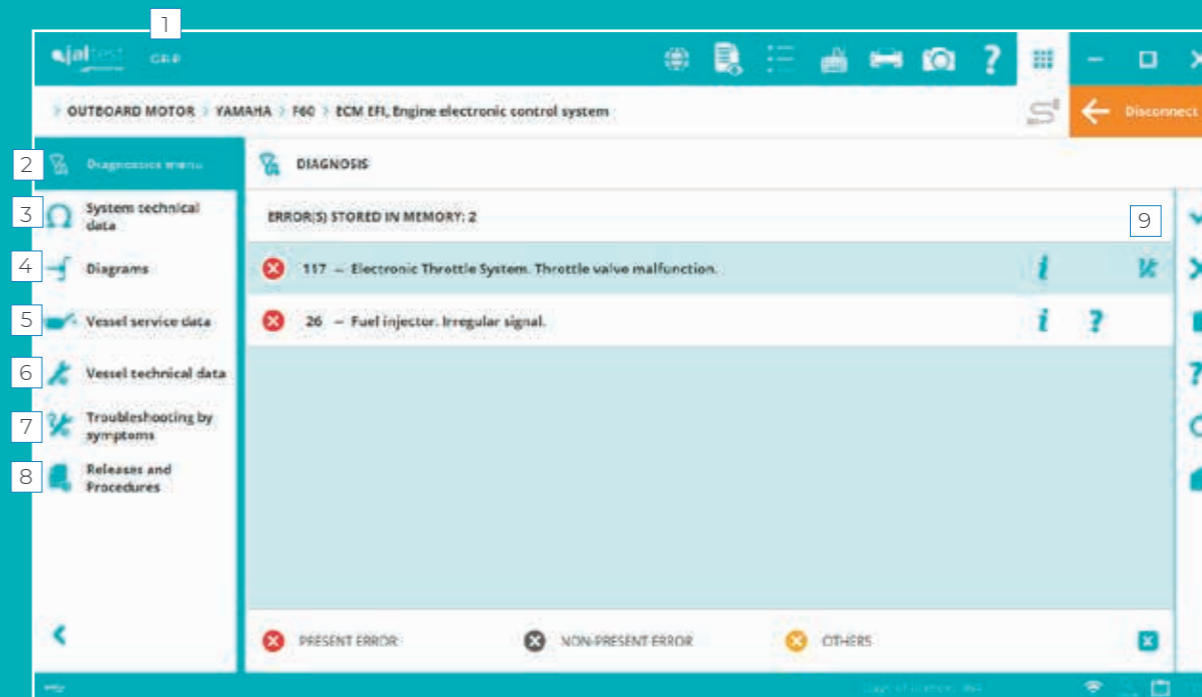


Jaltest Marine diagnostics coverage set up an industry leadership with the most extensive and detailed coverage. Functionalities and new brands are added in scheduled updates every 4 months utilizing flexible a market oriented focus.

COVERAGE // UP TO 63 BRANDS			
CATERPILLAR	JOHN DEERE	MERCURY	SUZUKI
CRUSADER	HONDA	MTU	TOHATSU
CUMMINS	KAWASAKI	PCM	VOLVO PENTA
DETROIT DIESEL	MAN	SEA-DOO (BRP)	YAMAHA
EVINDURE	MARINER	STEYR	YANMAR

MORE THAN DIAGNOSTICS

With Jaltest Marine, technicians will have access to a wide range of functionalities which will guide them through the vessel repair process:



These are some of the features that make Jaltest Marine the Industry's Leading Diagnostics tool:

- 1. **GRP (Garage Resource Planning).** Nautical shop and Customer/Vessel Record Management.
- 2. **Diagnostics Menu.**
- 3. **System Technical Data.**
- 4. **Wiring diagrams.**
- 5. **Vessel Service Data.**
- 6. **Vessel Technical Data.**
- 7. **Troubleshooting Guides by symptoms.**
- 8. **Releases and Procedures.**
- 9. **Troubleshooting Guides by Fault Codes.**

SOFTWARE //

GUIDED DIAGNOSTICS

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

1. Component technical data.
2. Wiring, system and fuse diagrams.
3. Vessel services data for vessel inspections.
4. Vessel technical data.
5. Troubleshooting by symptoms of the most common failures on the vessels.
6. Releases and procedures with manufacturer information.

JALTEST MARINE GUIDES YOU WITH ADDITIONAL INFORMATION TO ASSIST IN THE REPAIR PROCESS

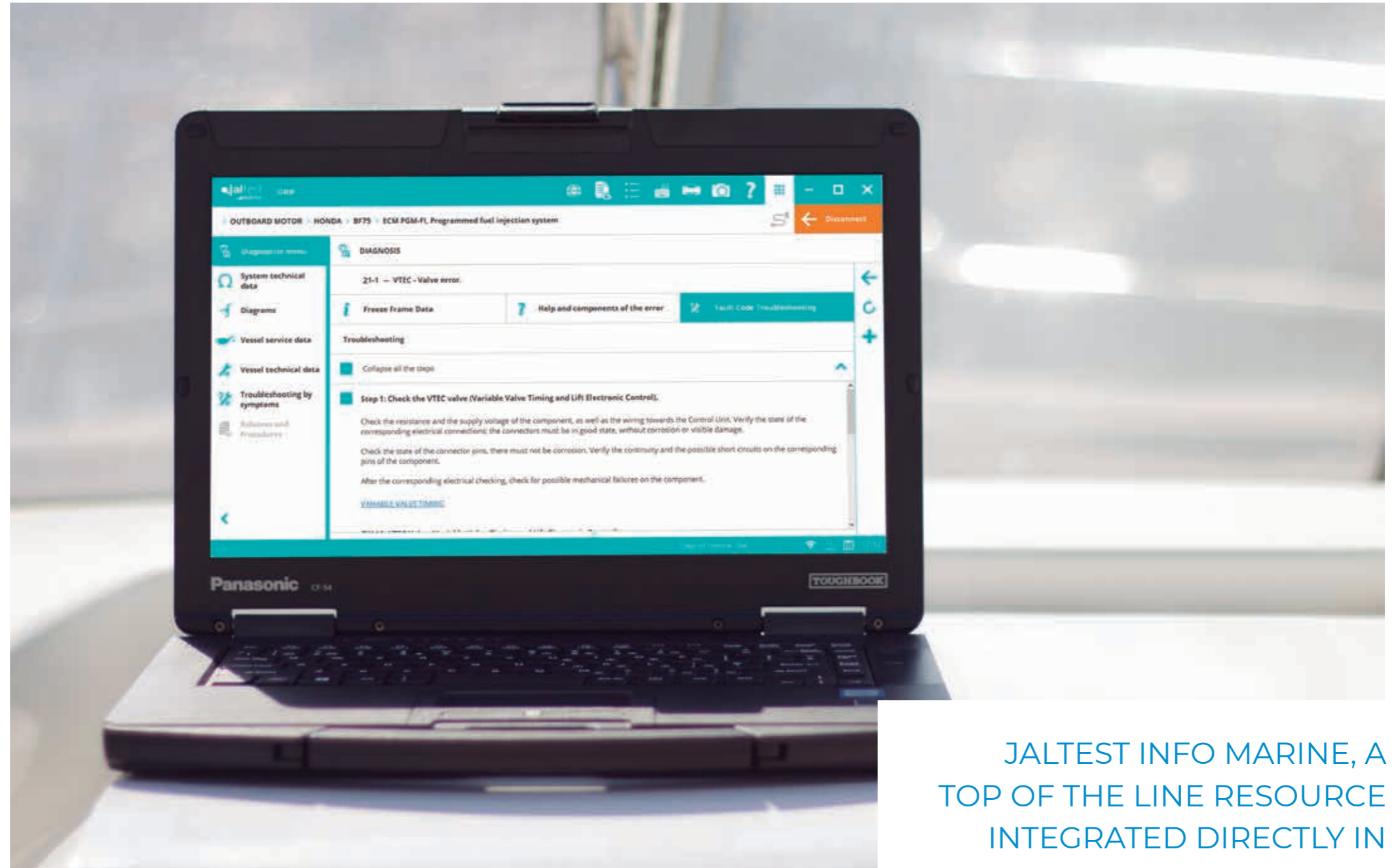


BEST-IN-CLASS REPAIR GUIDES, ONE CLICK AWAY

JALTEST INFO MARINE

Detailed technical information with images, pictograms, graphics, diagrams and pictures is included. This information will help to identify the fault code, the part, the location, etc. In this complete module we can find:

1. Diagnostics (troubleshooting by fault code).
2. System Technical Data.
3. Diagrams.
4. Vessel Technical Data.
5. Vessel Service Data.
6. Troubleshooting by symptoms (diagnostics).
7. Releases and Procedures.
8. Manual Diagnostics.



JALTEST INFO MARINE, A
TOP OF THE LINE RESOURCE
INTEGRATED DIRECTLY IN
THE TOOL

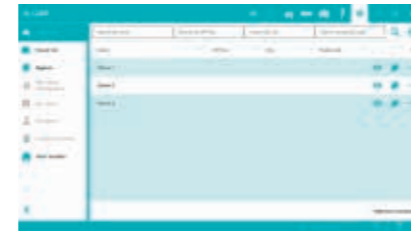
JALTEST MARINE DELIVERS RESULTS, AS SOON AS THE VESSEL ENTERS THE SHOP

JALTEST MARINE GRP

GRP is an optimized shop management solution. Share customer information, vessel data and diagnostics reports, work order management and labor times.

GRP BASIC.

- Client list.
- Vessel list.
- Reports (diagnostics & maintenance).



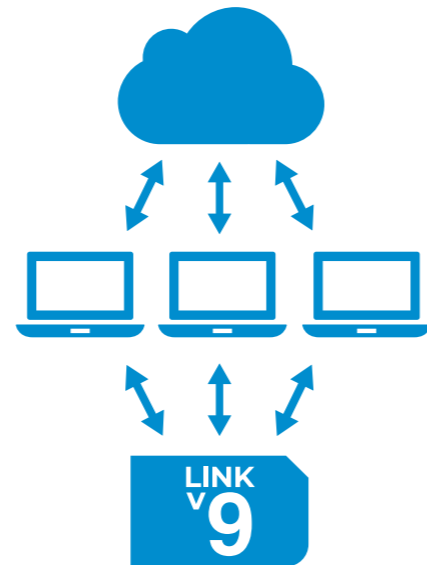
CLIENT LIST.



REPORTS.

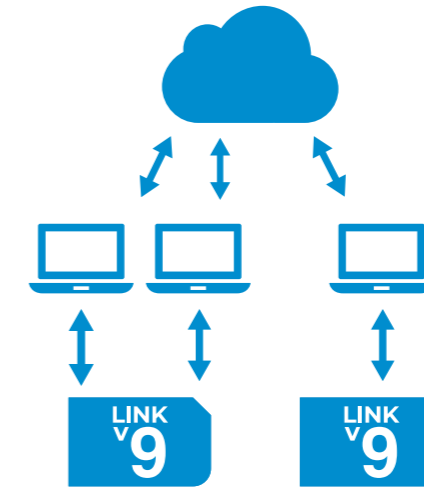
GRP SYNCHRO.

- GRP Basic.
- User accounts control (10 maximum).
- Data synchronization between multiple PCs (same Jalttest Marine interface).
- Information Back-up.
- Human Resources.



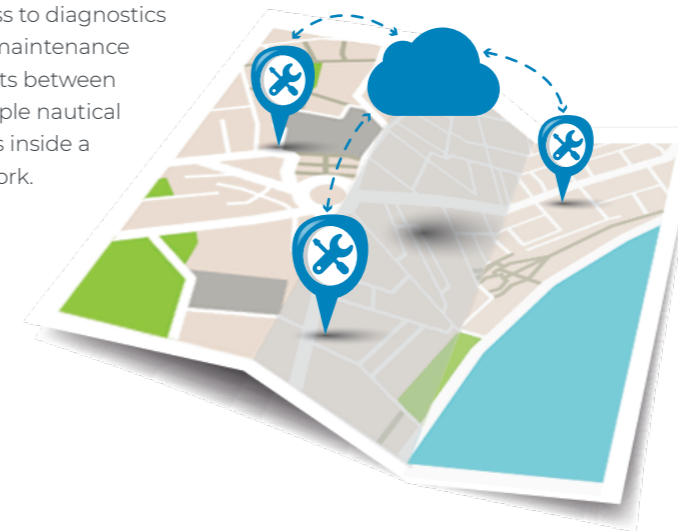
GRP ENTERPRISE.

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



GRP NETWORK.

- Access to diagnostics and maintenance reports between multiple nautical shops inside a network.



GRP MODULES DESCRIPTION:

CLIENT LIST.

Management of customers for a shop or a network of shops.

VESSEL LIST.

Management of your entire clients' vessel list.

REPORTS.

Management and consultation of all reports generated by Jalttest Marine: diagnostics, maintenance, work order or shop time.

SHOP MANAGEMENT.

- Work orders.
- Task.
- Shop 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 shop's team members.

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. DATA RECORDER.

This function allows obtaining the diagnostics results (system errors) and the values of up to 24 measurements at most for 30 min continuously. Data Recorder and player is ideal for evaluating dynamic trouble codes and performing sea trials.

3. SYSTEM DISPLAY.

Real-time live data display on vessel flow diagrams. 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 vessel.

5. SYSTEM SCAN.

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

**6. WIRELESS BLUETOOTH CONNECTION.****7. CONTROL LEVERS CALIBRATION (START-UP).****8. KEYS AND REMOTE CONTROL WATERCRAFT PROGRAMMING.****9. VESSEL DIAGNOSTICS REPORTS.****10. TECHNICAL DATA AND PROCEDURES.**

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

11. STATIONARY ENGINES.

Systems available in multiple machines like gensets, water pumps, hydraulic pumps and compressors.

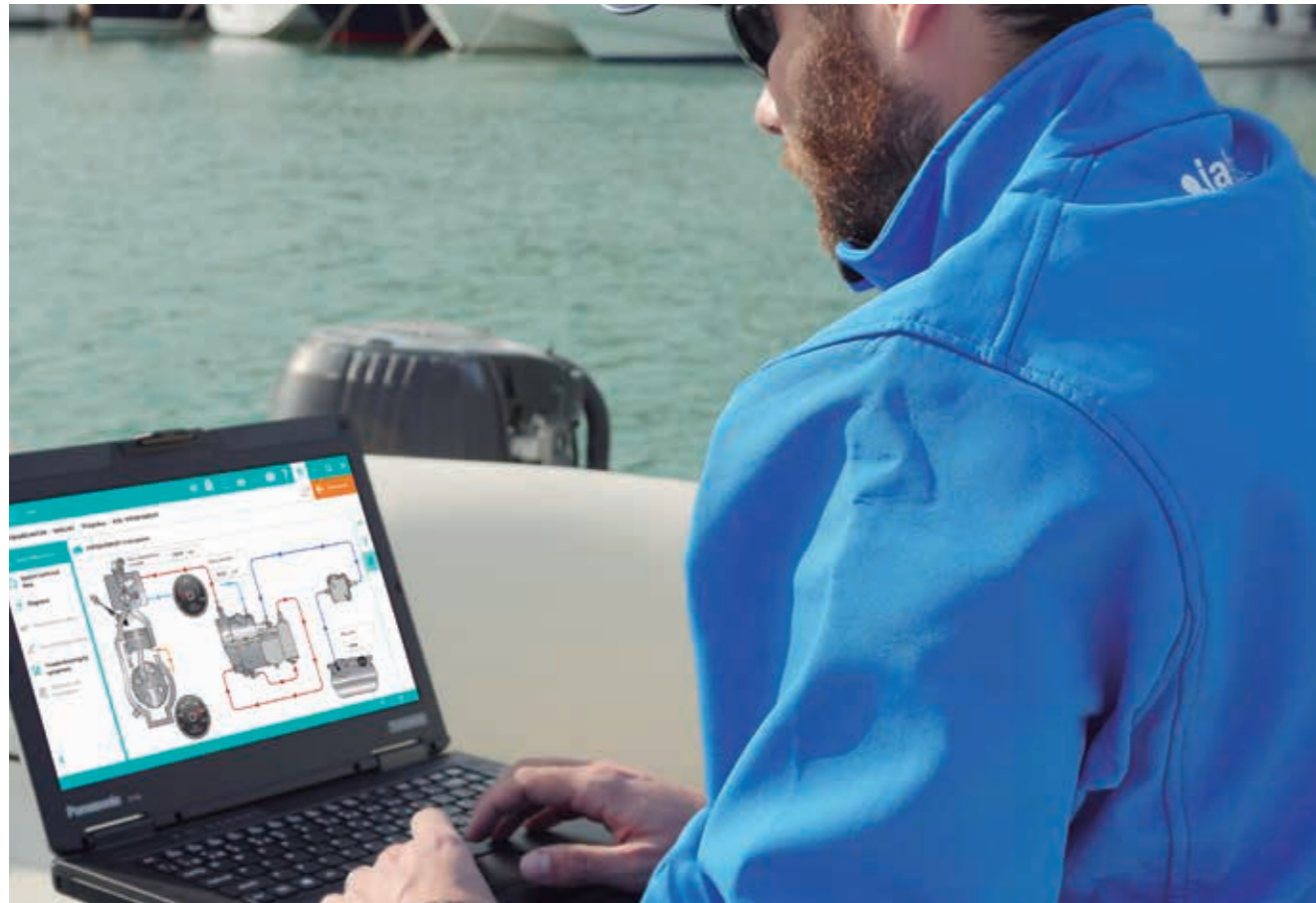
12. INJECTOR CODING**13. MERCURY SMARCRAFT/G3 COVERAGE****14. VOLVO PENTA EVC COVERAGE****15. EVINRUDE G2 COVERAGE**

JALTEST MARINE EXPERT MODE

Jaltest Marine EXPERT MODE offers advanced diagnostics possibilities for the shop. With EXPERT MODE, the technician is able to carry out actions that require modifying parameters on different ECUs:

1. Keys and remote control programming.

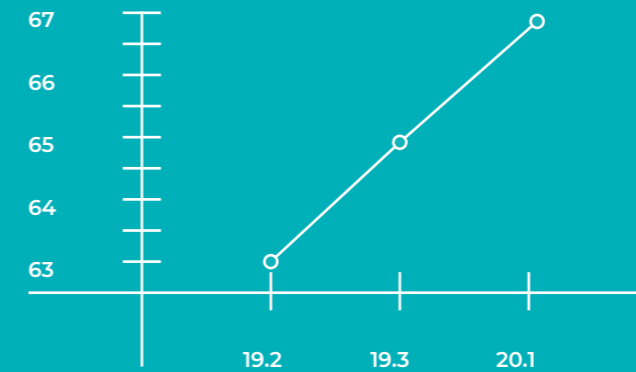
2. Shifts calibration.
3. Calibrations of sensors (injectors, temperature and depth sensors, accelerator, etc.).
4. Setting of the system operation parameters (coding of injectors, etc.).
5. Configuration of the vessel maintenance services.
6. More...



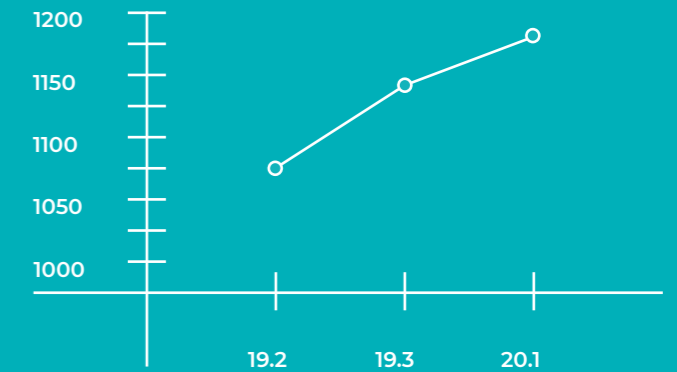
CONSTANT INNOVATION

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

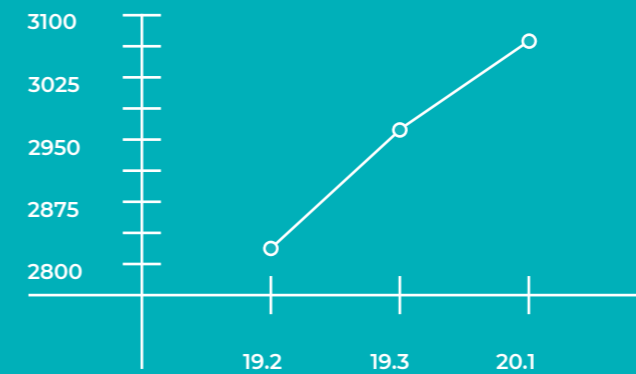
BRANDS



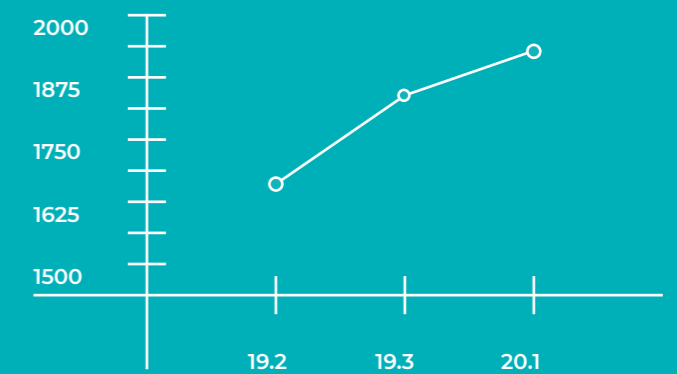
MODELS



SYSTEMS



DIAGRAMS



THREE ANNUAL
SOFTWARE UPDATES

COVERAGE //

MARINE

Diagnostics and maintenance tasks in watercraft, outboard and inboard engines. Same as with the rest of the available diagnostics 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 MARINE KITS ARE
CLASSIFIED
BY SECTOR AND COVERAGE



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

1. COVERAGE FOR INBOARD & OUTBOARD VESSELS, WATERCRAFT AND STATIONARY ENGINES.
2. ALL PROTOCOLS AND STANDARDS ARE SUPPORTED.
3. INTUITIVE AND EASY TO USE SOFTWARE INTERFACE.
4. WIRELESS BLUETOOTH CONNECTION.
5. SYSTEMS CALIBRATIONS AND KEYS AND REMOTE CONTROLS PROGRAMMING.
6. AUTOMATIC DETECTION OF SYSTEMS AND FAULT CODES.
7. TROUBLESHOOTING BY SYMPTOMS AND FAULTS HELP.
8. INTEGRATED TECHNICAL INFORMATION, WIRING DIAGRAMS, TECHNICAL DOCUMENTS...
9. PROGRAMMED UPDATES AND LATEST DEVELOPMENT IMPLEMENTATIONS.
10. CALL-CENTER FOR TECHNICAL AND PRODUCT SUPPORT.
11. TRAINING & E-LEARNING.
12. GRP - GARAGE RESOURCE PLANNING.
13. VESSEL BRAND CUSTOMIZATION.



CHOOSE YOUR JALTEST MARINE EXPERIENCE

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

1. Stationary engines, inboard, outboard and watercraft.
2. Inboard and outboard engines.
3. Inboard engines.
4. Outboard engines.
5. Watercraft.

JALTEST MARINE FULL KIT.

Diagnostics equipment aimed for nautical shops where repair and/or maintenance services are performed in several types of vessels, such as: Inboard, outboard and watercraft. This solution also includes diagnostics for stationary engines. This wide coverage, as well as the additional diagnostics modules (Jaltest Marine INFO, GRP, Troubleshooting), makes the 'Jaltest Marine Full Kit' the Industry-Leading diagnostics solution.



JALTEST MARINE BOAT KIT.

This tool includes every function available in Jaltest Marine and it is developed for all types of vessels. It is the perfect tool for those nautical shops, dry docks, that perform construction, repair or maintenance works on vessels with inboard or outboard engines. The wide range of brands makes it one of the world's leading tools.



JALTEST MARINE INBOARD KIT.

This kit includes all your diesel and gasoline needs for inboard systems (engine, levers, powertrain, instrument cluster, steering...), adapting each license to the customer's budget and shop requirements.



JALTEST MARINE WATERCRAFT KIT.

Tool specifically aimed at this type of vessels with all Jaltest Marine diagnostics functions, technical information, key programming... These features make it an essential tool for all the companies of Watercraft repair and maintenance.



JALTEST MARINE OUTBOARD KIT.

Jaltest Marine diagnostics software provides an easy and accurate way to connect to these types of engines. The wide range of brands combined with essential functions for outboard engines repair and maintenance.



CUSTOMIZE YOUR OWN KIT.

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





JALTEST KITS

Jaltest Diagnostics offers comprehensive diagnostics and technical solutions for a wide range of industry professionals.

With our diagnostics kits, our customers are able to keep trucks on the road, tractors on the field, machines at the construction site and vessels on the water, while minimizing downtime and maximizing revenue for their business.

HARDWARE //

All Jaltest Marine 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.

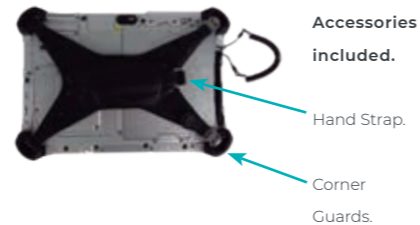
JALTEST RUGGED PC.

- 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 MARINE HARDWARE SOLUTIONS.

The tool's heartbeat, programmed to convey information with all communication protocols in a quick and efficient way.

LINK V9



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

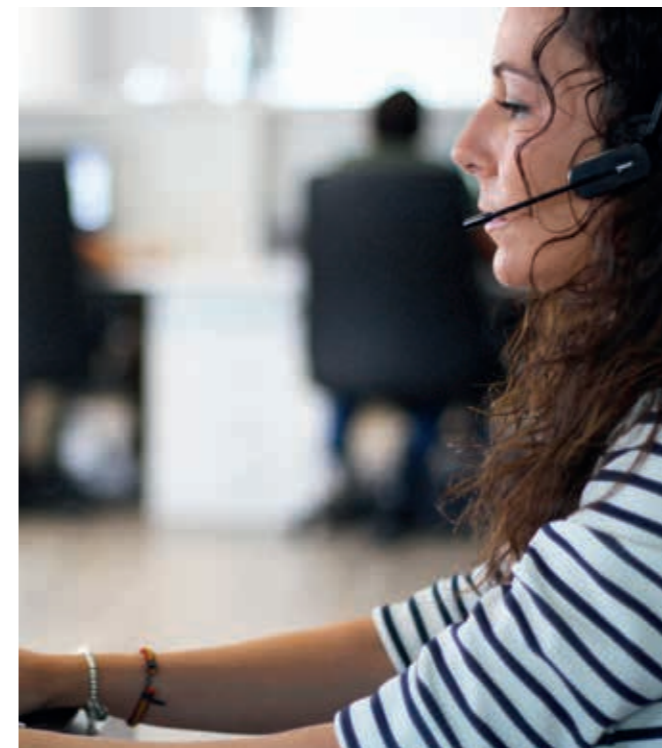


SERVICES //

TURN YOUR SHOP INTO A TECHNOLOGY CENTER

TRAINING

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



TECHNICAL ASSISTANCE

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

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

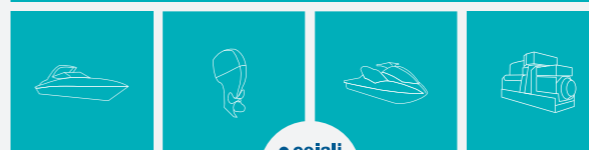
CUSTOMER SUPPORT

A human team will be at your service to offer all the information about Jaltest Marine you may need.

1. Updates 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.



DIAGNOSTICS CENTER



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 market, 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.



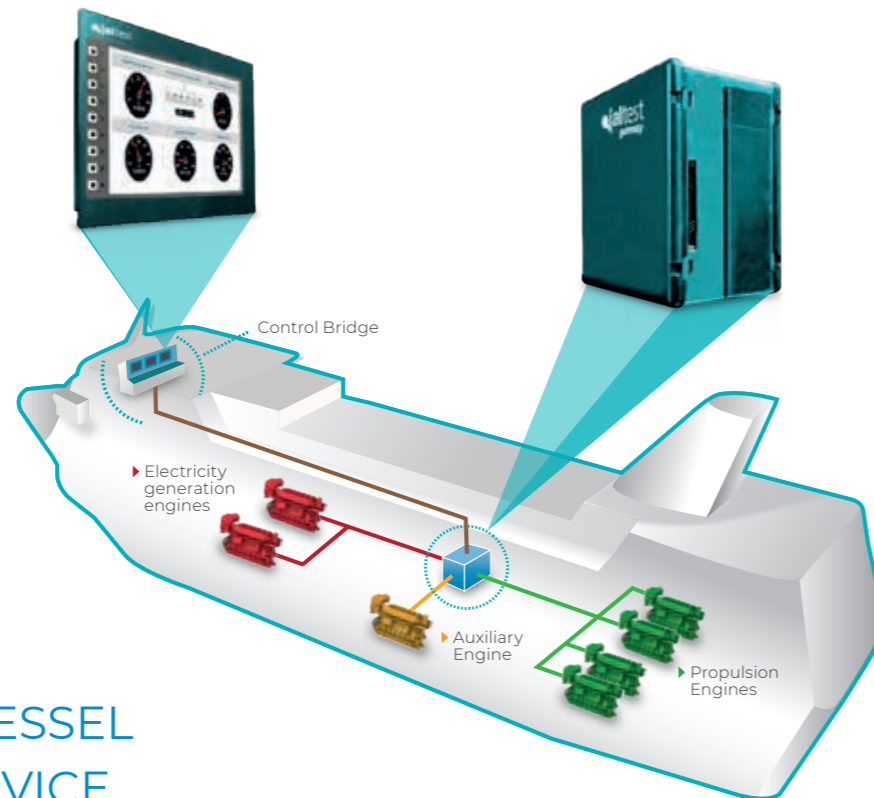


JALTEST GATEWAY

Jaltest Gateway offers a global solution to control the engines and systems associated with the vessel. A single device that is able to check, monitor and interact with the different systems, regardless of the brand or communication protocol that are being used.

1. Connectivity to most communication protocols.
2. It checks and interprets the performance, maintenance and operation data.
3. It displays fault codes, their descriptions and the troubleshooting guides.
4. Technical support for fault repair.

CONTROL YOUR VESSEL
WITH A SINGLE DEVICE



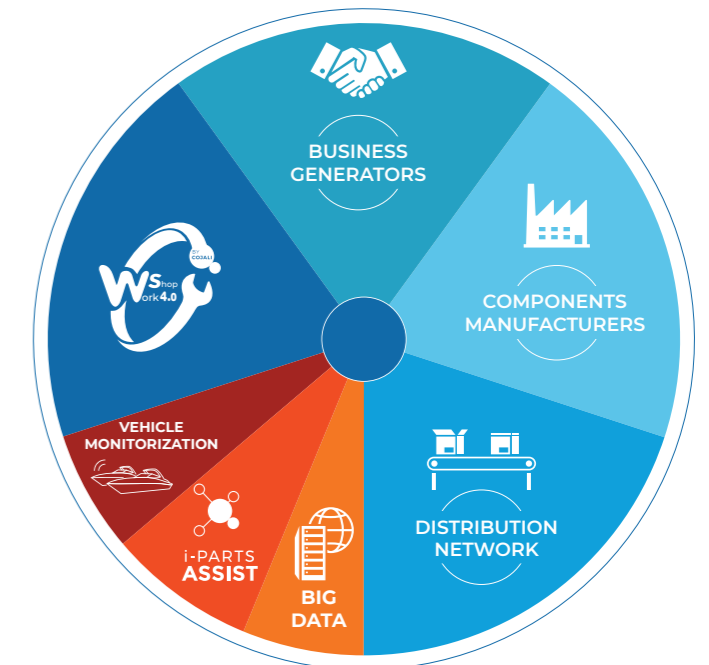
OEM-LEVEL SOLUTIONS.
JALTEST GATEWAY



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 diagnostics tools, Telematics and Diagnostics cloud, 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).



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 all-makes diagnostics and new technologies for fleet management, Cojali is a sure bet to provide solutions for leading vehicle and system manufacturers.

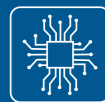
TAILORED HARDWARE & SOFTWARE SOLUTIONS FOR MANUFACTURERS



DIAGNOSTICS



TELEMATICS



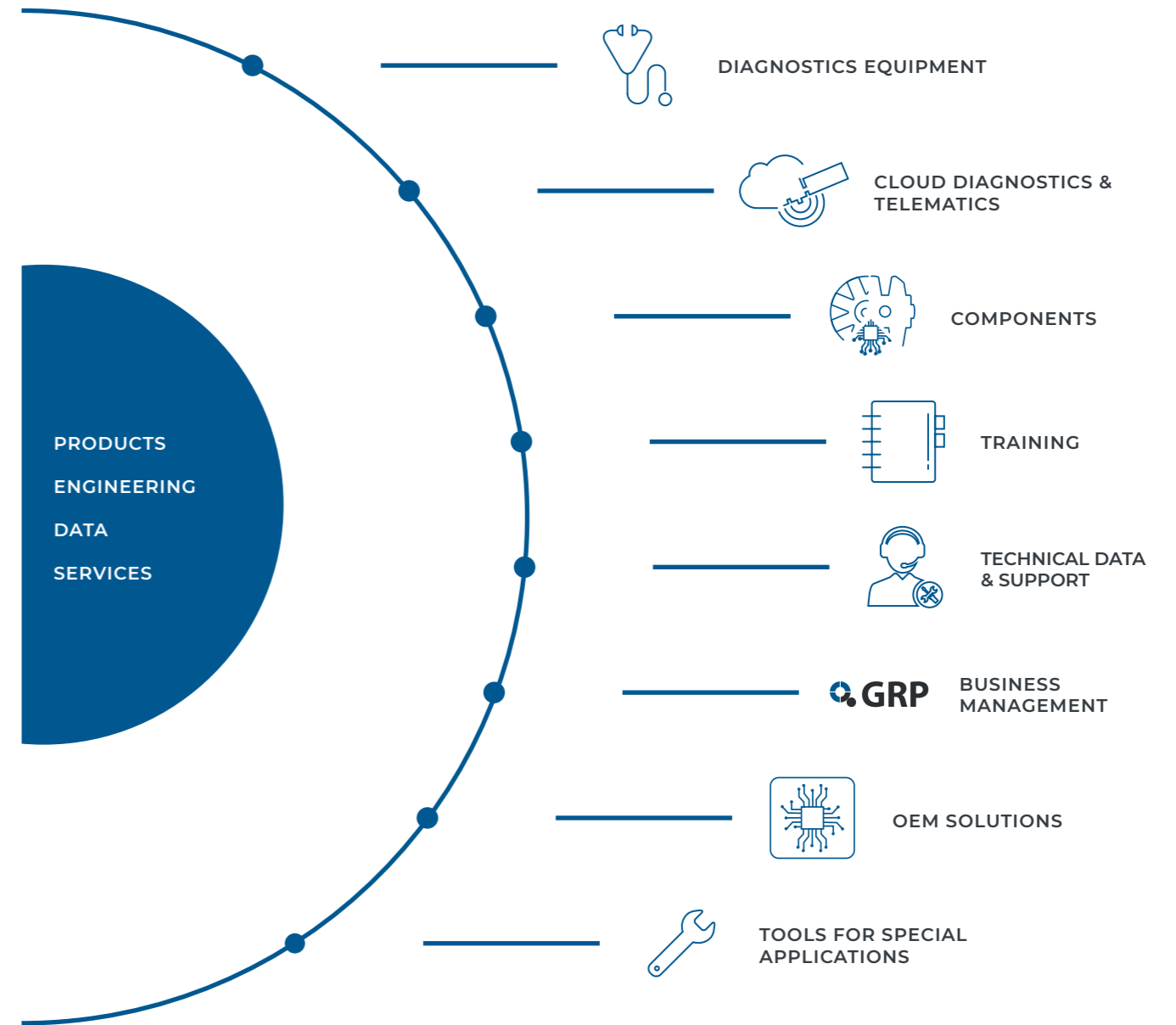
ELECTRONICS



COMPONENTS



COJALI. WE MEET ALL YOUR BUSINESS NEEDS





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Local distributor

