

OFF-HIGHWAY Solutions



OFF-HIGHWAY

www.texa.com





GLOBAL SPECIALISTS IN DIAGNOSTICS

TEXA has always been a reference point in the world of automotive equipment, and this leading position has been consolidated through the design and manufacture of innovative tools for electronic autodiagnosis, electrical diagnosis, exhaust gas analysis and air conditioning system service stations, for use on cars, trucks, motorcycles, agricultural vehicles and marine applications. Over the years, TEXA has built up an extensive global network of over 700 distributors in over 100 countries.

A complete and modular offer

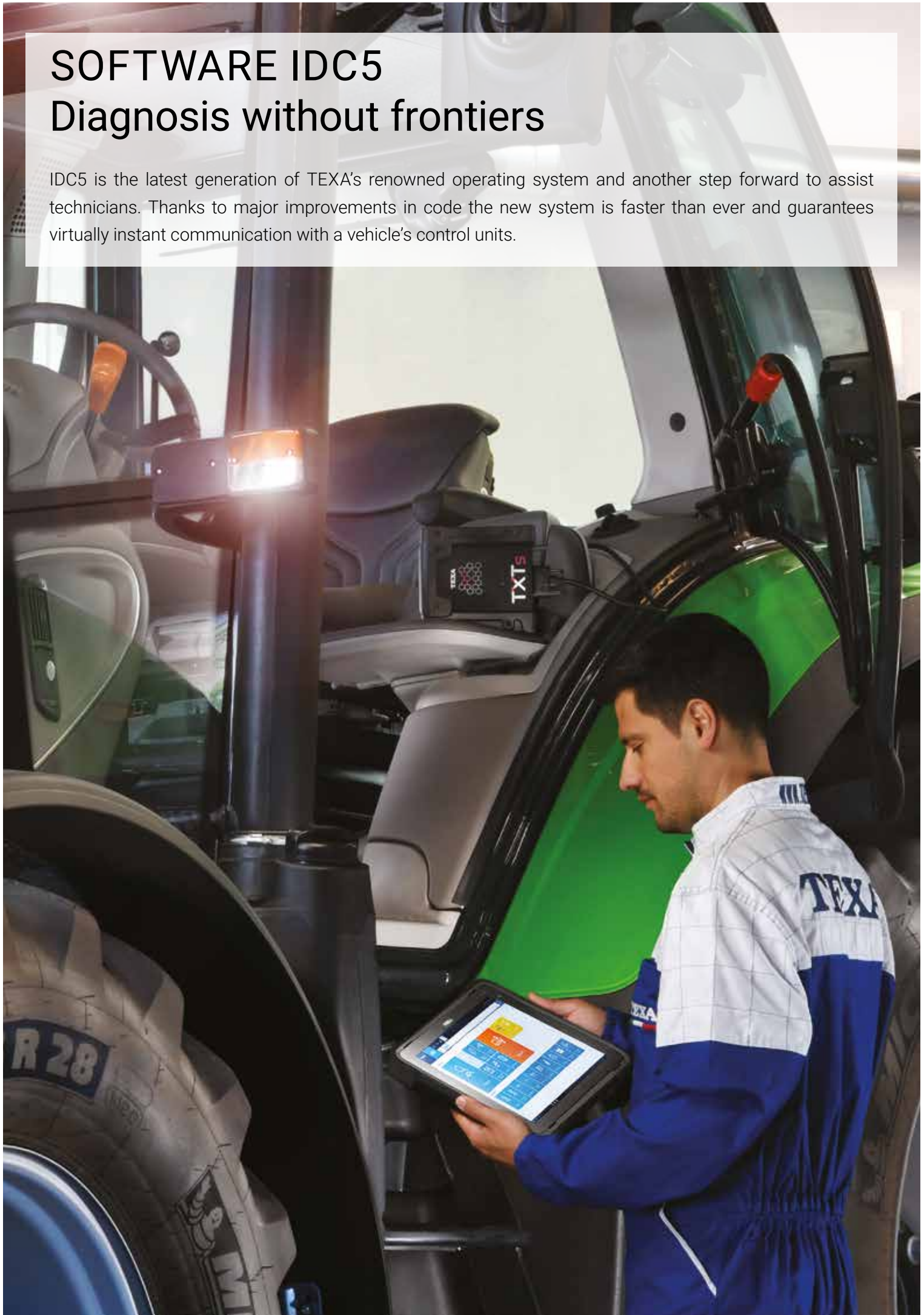
TEXA offers the technician total assistance during all phases of a repair, from the analysis of fault symptoms to the identification of the right spare part. TEXA boasts an unrivalled offering of tools and services designed to satisfy all possible needs. From dedicated workshop tools to operating software, specialist training and customer services.



SOFTWARE IDC5

Diagnosis without frontiers

IDC5 is the latest generation of TEXA's renowned operating system and another step forward to assist technicians. Thanks to major improvements in code the new system is faster than ever and guarantees virtually instant communication with a vehicle's control units.



An even more intuitive software interface

The graphic interface of IDC5 is designed to resemble the latest consumer applications, **simplifying and making the various steps** in maintenance and repair procedures more intuitive. On top of this, all diagnostic pages have been redesigned to give a **fuller view of the most relevant information** and the menu has been revised and is now arranged vertically. This new solution lets you scroll rapidly through all available options without ever having to change pages. A simple touch is all that is needed to zoom in on the functions you want.

Another new function allows you view and manage vehicle parameters. These can be displayed in graphic form and can be filtered using text searches or by selecting those specifically required.

Even the **downloading of updates is faster** in the new software. IDC5 is constantly evolving and is open to new technologies that appear in the near future.



A whole world of functions and services

The IDC5 software provides an extensive series of exclusive functionalities developed and optimised by TEXA's own R&D department.



TGS3s global system scan

The amazing TGS3s automatically scans all the accessible* control units on the vehicle. The system is impressively fast in the way it recognises the ECUs and accesses the relevant diagnostics. On completion of the scan, TGS3s immediately displays any errors detected on the vehicle along with the relevant error codes and descriptions. It also lets you read and reset errors with a single click. You can even run autodiagnosics on selected systems directly from the error detection screen.

*TGS3s scanning may not function with older models of vehicle since previous generation control units may not support the latest scanning functionalities.



Freeze Frame

Freeze Frame lets you view the display of parameters and data detected and recorded at the moment a fault occurs. The actual information displayed by Freeze Frame may vary from one vehicle manufacturer to another and from one type of system to another.



Help Errori

"Error Help" is the easiest and most accessible way to obtain information on errors. The help content provides useful information on the meaning of error messages and if necessary, on what checks to perform first.



Recording of diagnostic sessions Rec & Play

Faults sometimes intermittently occur under specific operating conditions. For example, power may be lost only when driving uphill or when the engine is under a high load, or perhaps a warning light comes on only when the engine is hot. Under conditions like these, the Rec&Play function offers the perfect solution, as it lets you record parameter values and any errors that occur during a road test. Data can be viewed and analysed later and even printed out as a report on the test.



Wiring Diagram Detail

This function makes an instant link between the error read from the control unit and the corresponding component on the wiring diagram. From the wiring diagram you can access the test functions and device descriptions typical of the IDC5 operating environment.



OEM Vehicle Check-Up

This function displays a list of systems configured on a vehicle and lets you view a list of any errors detected. The function identifies all ECUs and reads their error logs (3 to 20 times faster than normal). It also determines the state of each error (active or logged) and provides instant access to the "Error Help" function and related fault solutions. In addition, the function lets you select and display a determined group of ECUs and even cancel errors without having to re-establish communication between the tool and the control unit.





Support for Autodiagnosics

Data sheets and Wiring Diagrams provide detailed information on the functionalities of individual systems to support autodiagnostic tests. In addition, users can also look up specific mechanical data for each vehicle.

Data sheets

TEXA's technical bulletins provide superbly accurate information on the selected vehicle, including instructions for performing a manual reset after servicing, overviews of specific mechatronic systems and much more.

System wiring diagrams

Wiring diagrams are prepared by TEXA's own engineers. Because they follow the same standard for all vehicle manufacturers, they are a great help in troubleshooting. While you are consulting a wiring diagram, you can also access related datasheets by selecting a specific component or use the SIV function to perform oscilloscope tests using automatically selected settings.

iSupport

This function can be used to send a request for assistance simply by entering the type of vehicle and the system being serviced then describing the specific problem that cannot be solved. The TEXA call centre will immediately deal with the request and provide a response to solve the problem in the shortest possible time.

DASHBOARD

The DASHBOARD* is an exclusive function of IDC5 operating software that lets you view a vehicle's operating parameters. Its attractive and intuitive graphic interface reproduces a vehicle's dashboard, mechanical components and functioning logic.

*Customers using an AXONE Nemo diagnostic tool will find the DASHBOARD already present and active. Customers using other diagnostic tools can purchase DASHBOARD as a dedicated app from the "TEXA APP" virtual store.

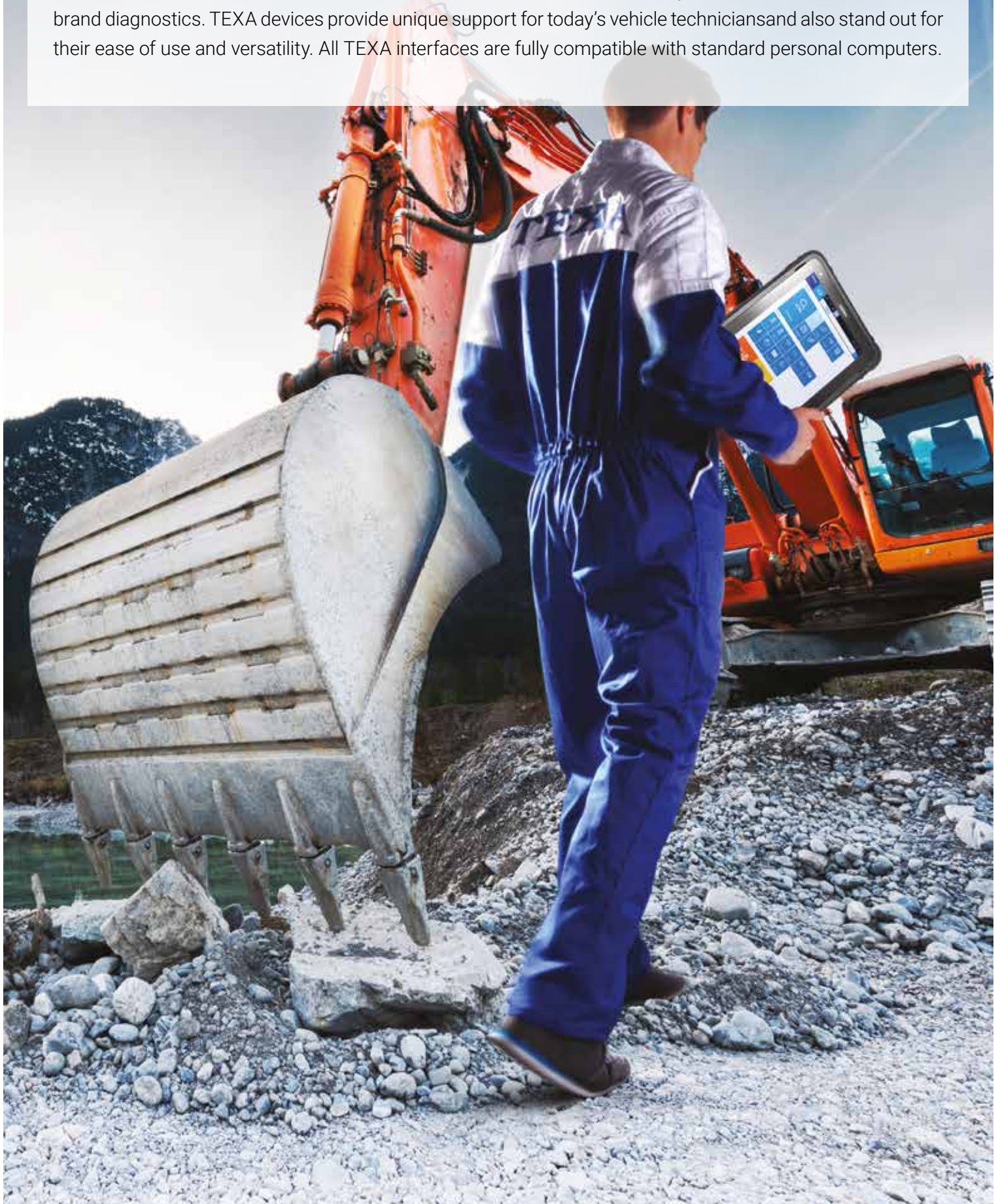
TROUBLESHOOTING

The IDC5 OHW software by TEXA also offers access to a database called "TROUBLESHOOTING", in which you can find information, additional details and recommended repair procedures for a large variety of errors that may appear during Self-diagnosis.

By entering the error code or description, you will be given the repair procedure recommended by the manufacturer.

Diagnostic solutions

TEXA's diagnostic solutions are based on the powerful **AXONE Nemo** display units and on the robust **NAVIGATOR TXTs** vehicle interface. These devices connect and communicate with the vehicle's electronic control units and guarantee levels of speed and performance that are simply unrivalled in the world of multi-brand diagnostics. TEXA devices provide unique support for today's vehicle technicians and also stand out for their ease of use and versatility. All TEXA interfaces are fully compatible with standard personal computers.



AXONE Nemo

The AXONE Nemo is the most technologically complete and powerful display unit on the market today, with characteristics easily comparable to those of leading commercial tablets. Unlike a tablet the AXONE Nemo is incredibly **solid and capable of resisting to strong shocks**, including falls into water: thanks to a special TEXA patent, the AXONE Nemo is the world's only PC-type device that floats*. The casing of the Nemo is made entirely from magnesium, a noble metal that stands out for its light weight and efficient heat dispersal. This high level of functionality is equalled by TEXA's traditional attention to style: the AXONE Nemo is not just practical but attractive too. It is also packed with advanced technology, starting from a **12 inch capacitive touch-screen** with the impressive **resolution of 2160x1440**, with tough **Gorilla Glass** protection. The heart of the AXONE Nemo is an Intel® Quad Core N3160 processor with 8 GB of RAM and 250 GB of storage. Connectivity is guaranteed by an advanced, double channel Wi-Fi system and a Bluetooth® 4.0 Low Energy module. Another distinctive feature is the presence of two 5 megapixel cameras, one forward facing and one rear facing complete with flash/torch and autofocus.



*Impermeability and floatability are features that are available purchasing the special "AXONE Nemo Waterproof" version.





NAVIGATOR TXTs

The NAVIGATOR TXTs is the most powerful, highest performer of TEXA's vehicle interfaces and lets you work in the **OFF-HIGHWAY, CAR, TRUCK, BIKE and MARINE** environments. You can use it to run autodiagnostic tests, view parameters, status, activate devices, perform adjustments and configurations, reset warning lights, maintenance, service and airbag indicators, configure ECUs, program keys and remotes and much more.

The NAVIGATOR TXTs is **compatible with PASS-THRU protocol***, which allows workshops to connect to manufacturers' central servers and download software packages or official technical information.

DIAGNOSTIC SOLUTIONS



*At the website www.texa.com/passthru, verify the recommended minimum hardware requirements and the enabled vehicle manufacturer diagnostic functions.



TEXA eTRUCK OHW

eTRUCK is a miniaturised device that provides a brand-new type of service for the maintenance of **agricultural** and **construction** vehicles. With TEXA eTRUCK, workshops can constantly monitor the vehicle status remotely, managing the maintenance from a predictive point of view.

eTRUCK establishes a direct connection between the mechanic and the vehicle, **strengthening customer loyalty** through a continuous assistance service.

This innovative device is the ideal solution also for companies that work in the transport and construction industry, whose fleets may include, for example: traditional heavy-duty vehicles, agricultural vehicles and off-highway vehicles for special operations. eTRUCK OHW provides constant updates on the conditions of the vehicles and allows carrying out actions aimed at **reducing costs** and **optimising the use** of vehicles, thanks to a dedicated app and web portal.



For the TEXA workshop

The Workshop Portal provides the possibility to strengthen customer loyalty thanks to a highly professional service, allowing workshops to:

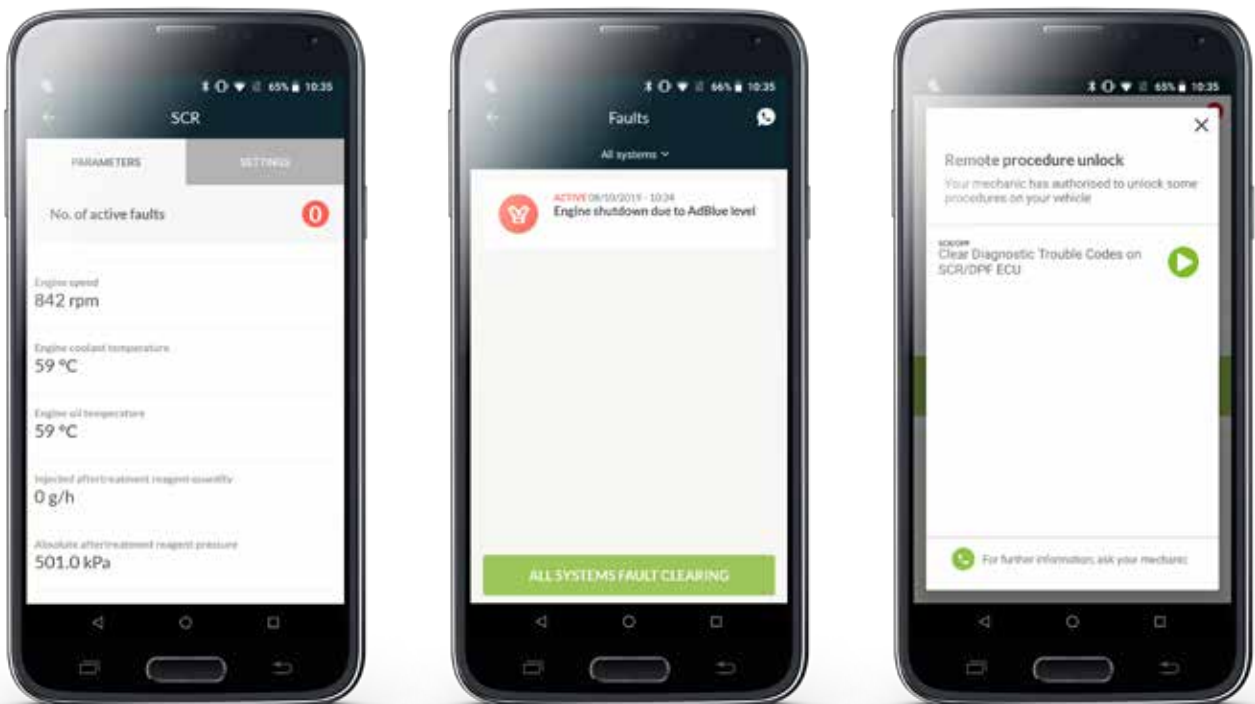
- Continuously monitor the status of the vehicles remotely and work on the engine management and exhaust gas after-treatment system as if they were in the workshop.
- Arrange ordinary and extraordinary maintenance in advance.
- Share their maintenance appointments calendar with drivers and fleet managers.
- Manage their entire customer base with the same software.
- Create a detailed profile for each customer.



For the drivers

Thanks to an APP that provides very useful information during vehicle use, drivers can:

- Read the data on vehicle use in real time.
- Have remote vehicle diagnostics available to solve any faults in a very short time, without having to drive to a workshop.
- Check the maintenance calendar shared with the workshop.
- Fill out a Driver's Daily Vehicle Check & Defect Report List as required by law in certain countries.



For the fleet managers

Fleet managers can use the dedicated portal to:

- Check the operating status of the vehicles in their fleet.
- Supervise the remote assistance operations performed by the workshop.
- Monitor the maintenance status and service expirations of their vehicles.
- Share a maintenance appointments calendar with the workshop.





eTRUCK

DASHBOARD



DAILY HOURS

FRI SAT SUN MON TUE WED THU

FENDT
700 VARIO SERIES
TIER 4I
TE123XA

1
Faults

0
Expiring services

KONFORT A/C recharge stations

The KONFORT 700 range is made up of innovative models with different specifications and operating modes for the high precision of vehicle air conditioning systems. The range is produced on an assembly line that is the only one of its kind in the world to ensure the ultimate in quality and lasting reliability. The exceptional characteristics of their components guarantee a refrigerant recovery rate of over 95%.

An essential, stylish design combines with easy handling, sturdiness and safety to make all A/C system maintenance operations quick and easy.



KONFORT 712R (R134a or R1234yf)

KONFORT 712R is TEXA's new mid-range A/C charging station which boasts the typical technical features of the top-range models such as the **automatic maintenance service management** and the **measuring of the amount of oil recovered with the electronic scale**. The KONFORT 712R can be purchased in the **R134a** or **R1234yf** version with the option to change the configuration.

Other distinctive features of the KONFORT 712R compared to the other models in its category, is the **possibility to install the Refrigerant Identifier Kit** and to use it in combination with REC+, the innovative device patented by TEXA for the recovery of contaminated refrigerants from the vehicle A/C systems.

KONFORT 712R is the ideal solution because with a **limited investment** the mechanic can have a station with exclusive features and top class performance, ensuring customers a **high level of service** over time.



KONFORT APP

Thanks to a dedicated APP, the KONFORT 760R models can interface with Android and iOS mobile devices, allowing technicians to follow the vehicle A/C system **service procedures** in progress also remotely, directly from their **smartphone**. Furthermore, the new APP allows you to manage the performed maintenance services easily, even when the station is turned off.

KONFORT 705R OFF ROAD (R134a)

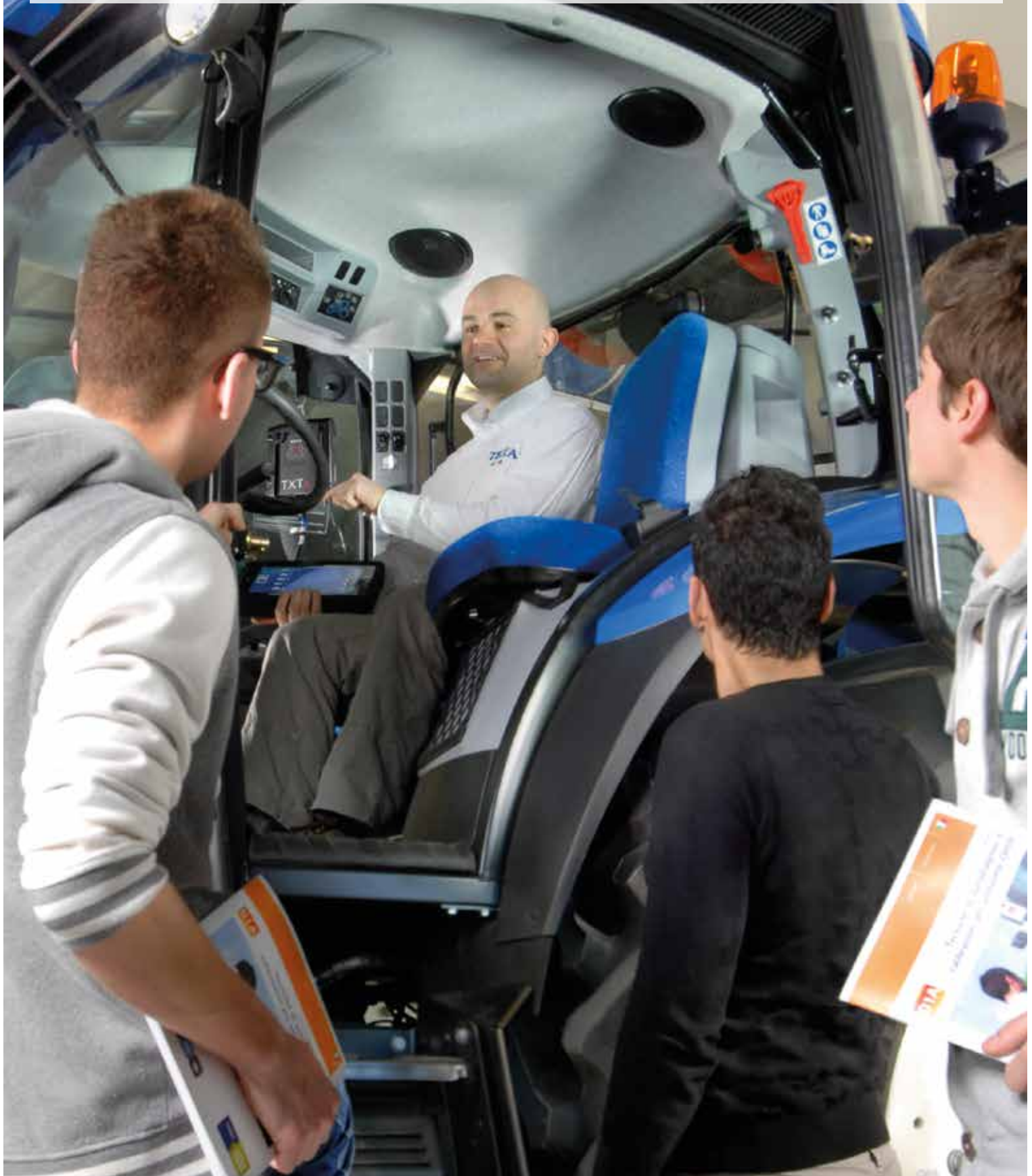
The KONFORT 705R OFF ROAD is TEXA's entry-level charging station for all recovery and recharging operations involving R134a refrigerant.

The KONFORT 705R OFF ROAD retains the same basic characteristics as the other models in the KONFORT range and therefore represents an ideal solution for garages committed to offering customers **impeccable service** while keeping their business costs under control. The KONFORT 705R is also available in an OFF ROAD version for technicians who have to work in tough conditions. It is equipped with two **larger rear wheels** and the tyres are filled with a special anti-puncture foam. Instead of front wheels, the station has a robust metal bar for **greater stability during use**. Another feature designed specifically for off road applications is a scales locking system that prevents the loss of calibration during movement over particularly rough ground.



Technical Training

TEXA believes customer training to be particularly important, since adequate technical competence and the correct use of diagnostic tools are critical to the success of repair work. The teaching methods used in TEXA courses are based on an ideal mix of theory and practical elements. Practice plays a fundamental part, as it combines testing and simulations with use of the technicians own TEXA diagnostic tools, thus stimulating a more active and dynamic participation and effective learning.





P5A: IDC5 AGRI Basic learning

Know the different types of agricultural and earth-moving vehicles and how to apply the advanced self-diagnostic techniques: system scan, error reading, manual calibration and adjustment procedures, advanced parameter reading.

Carry out test drives and record the diagnostic sessions. Use the technical documentation useful for the self-diagnostic procedures.



D3A: Diagnostic, reset and configuration techniques on agricultural vehicles

Know how the electronic engine, transmission and lifting systems work applied to agricultural vehicles, in particular for the manufacturers New Holland, John Deere and Deutz. Know the engine emission control systems, the features of the clutches, the lift and the types of construction.

TEXA

TEXA was founded in 1992 in Italy and is today among the world leaders in the design and production of multi-brand diagnostic and tele-diagnostic tools, exhaust gas analysers and air conditioning service stations. TEXA is worldwide with an extensive distribution network; through its subsidiaries, it sells in Brazil, France, Germany, Japan, Great Britain, Poland, Russia, Spain and the United States. Currently there are more than 700 TEXA employees in the world, among which 150 engineers and specialists dedicated to Research and Development. Over the years, TEXA has received many awards and international recognitions, among which the Automechanika Frankfurt Innovation Award (2010 and 2014), the National Innovation Award as the most innovative

company in Italy, received by the then President of the Republic Giorgio Napolitano (2011), the Irish Automotive Innovation Award (2014), and the Golden Wrench award in Moscow (2015 and 2017). In 2015, the Mit Technology Review awarded TEXA among the ten most “disruptive” companies in Italy. In 2016, TEXA received the Frost & Sullivan award for “European Commercial Vehicle Diagnostics Customer Value Leadership”. All TEXA tools are designed, engineered and built in Italy on modern, automated production lines that guarantee the utmost precision. TEXA pays particular attention to the quality of its products, and obtained the strict certification ISO TS 16949 specially written for original equipment suppliers to the automotive industry.



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To check out the extensive coverage of TEXA products, go to: **www.texa.com/coverage**

To check on IDC5 compatibility and minimum system requirements, go to: **www.texa.com/system**

WARNING

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