

OFF-HIGHWAY Solutions



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

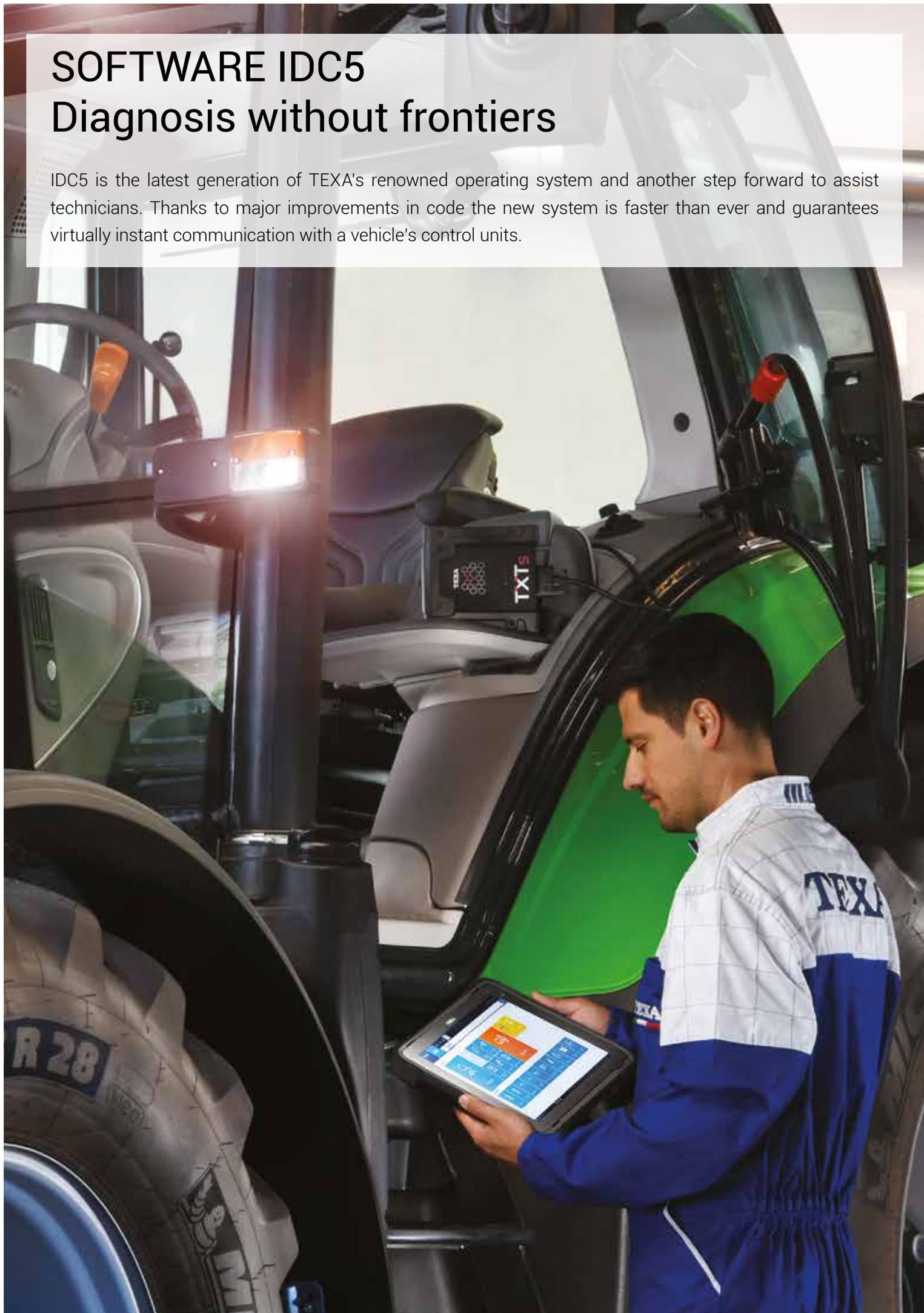
TEXA offers the technician total assistance during all phases of a repair, from the analysis of fault symptoms to the identification of the right spare part. TEXA boasts an unrivalled offering of tools and services designed to satisfy all possible needs. From dedicated workshop tools to operating software,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





*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.

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.



TEXA APP: the new way to customise your diagnostic tool

TEXA has introduced a completely new concept of diagnostic support in the form of the **TEXA APP virtual store**. Thanks to these unprecedented services, TEXA's diagnostic tool is even more flexible and modular: mechanics can customise it with the functions that most suit their actual professional needs.

The TEXA APP store is divided into two different sections:

TEXA APP is the list of software and applications developed by TEXA that allow extending the software functions or coverage, for example, to simplify the technician's work.

PARTNER APP contains the applications created in collaboration between TEXA and operators who supply goods and services linked to the repair world, such as manufacturers or distributors of spare parts, specialised trade magazines, technical information services.



DASHBOARD MODE

DASHBOARD is the innovative function that lets you view vehicle engineering parameters using extremely intuitive and attractive graphics that reproduce an industrial vehicle's dashboard, the mechanical components and operating logic of the selected system.



DUAL MODE

It lets you connect and view parameters on two different interfaces simultaneously: for example, self-diagnosis can be performed on a component while its signal is studied with an oscilloscope.



FORMAZIONE TECNICA TECHNICAL TRAINING

The dedicated TEXAEDU department offers a range of courses at various levels; from tool use introduction courses to more specific courses for professionals who require more specific system training. EDU APP is the application dedicated to technical training that always keeps you up to date on the latest news and available course dates and places.



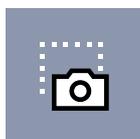
FAVOURITE PARAMETERS

FAVOURITE PARAMETERS is the innovative function by TEXA that allows you to create, for a certain diagnostic session or for a certain diagnostic system, a page dedicated to the parameters you consider more important. Furthermore, you can create various pages in which the parameters are divided into logical groups, enabling different views of the same diagnostic session.



MEASUREMENT UNIT CONVERTER

It allows you to convert various units of measurements in next to no time. It is of valuable help for every technician that each day has to compare many measures and values coming from the control units of different vehicles.

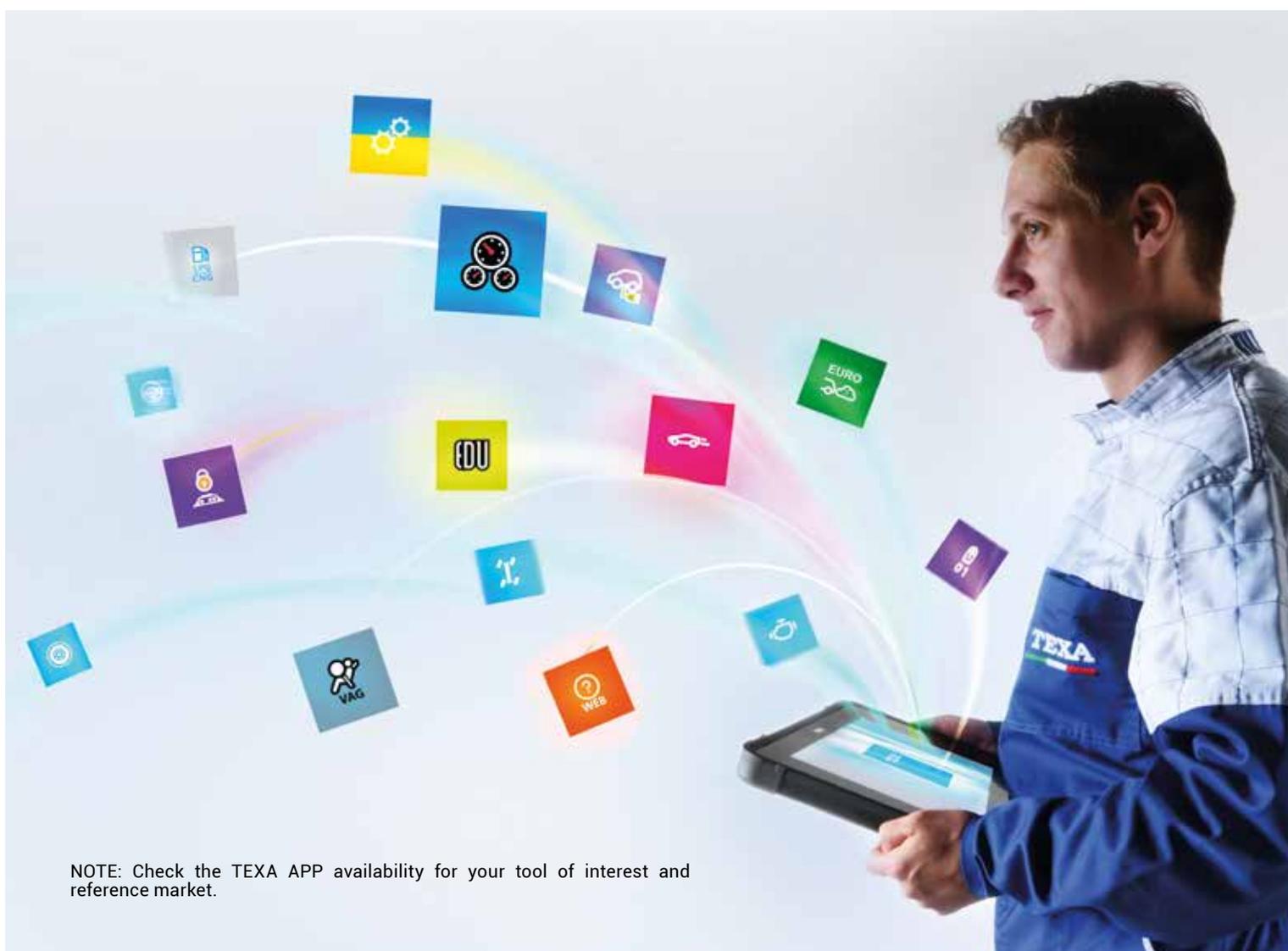


PRINT SCREEN

It allows you to capture the desired diagnostic screen immediately and easily, transforming it into an image that can be saved and used at a later time. To take a screenshot, just press the new icon on the IDC5 screen. The image will be saved in JPG format and can then be easily transferred to your PC.

and many more besides on:

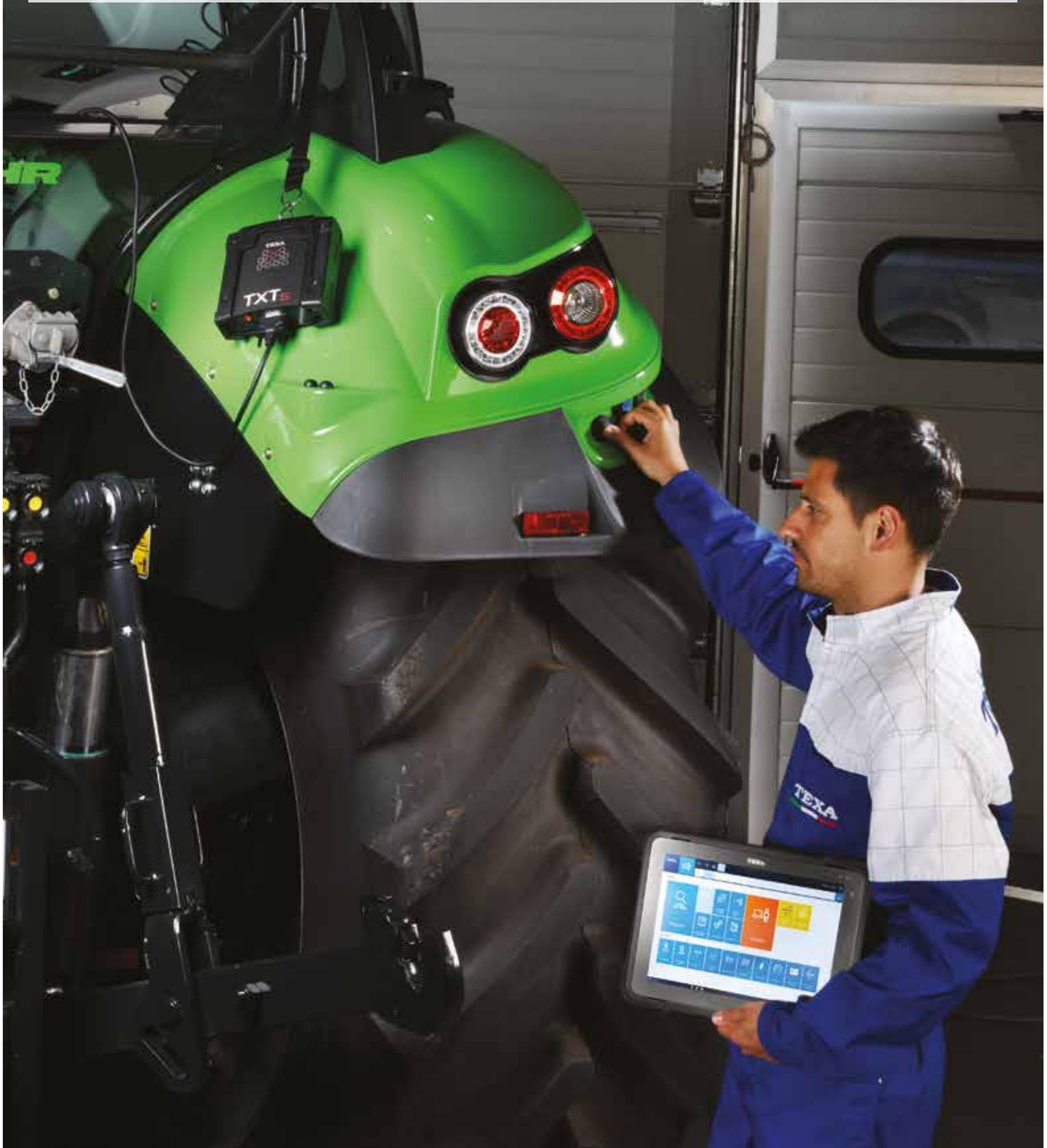
<https://www.texa.com/software/texa-app>



NOTE: Check the TEXA APP availability for your tool of interest and reference market.

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.

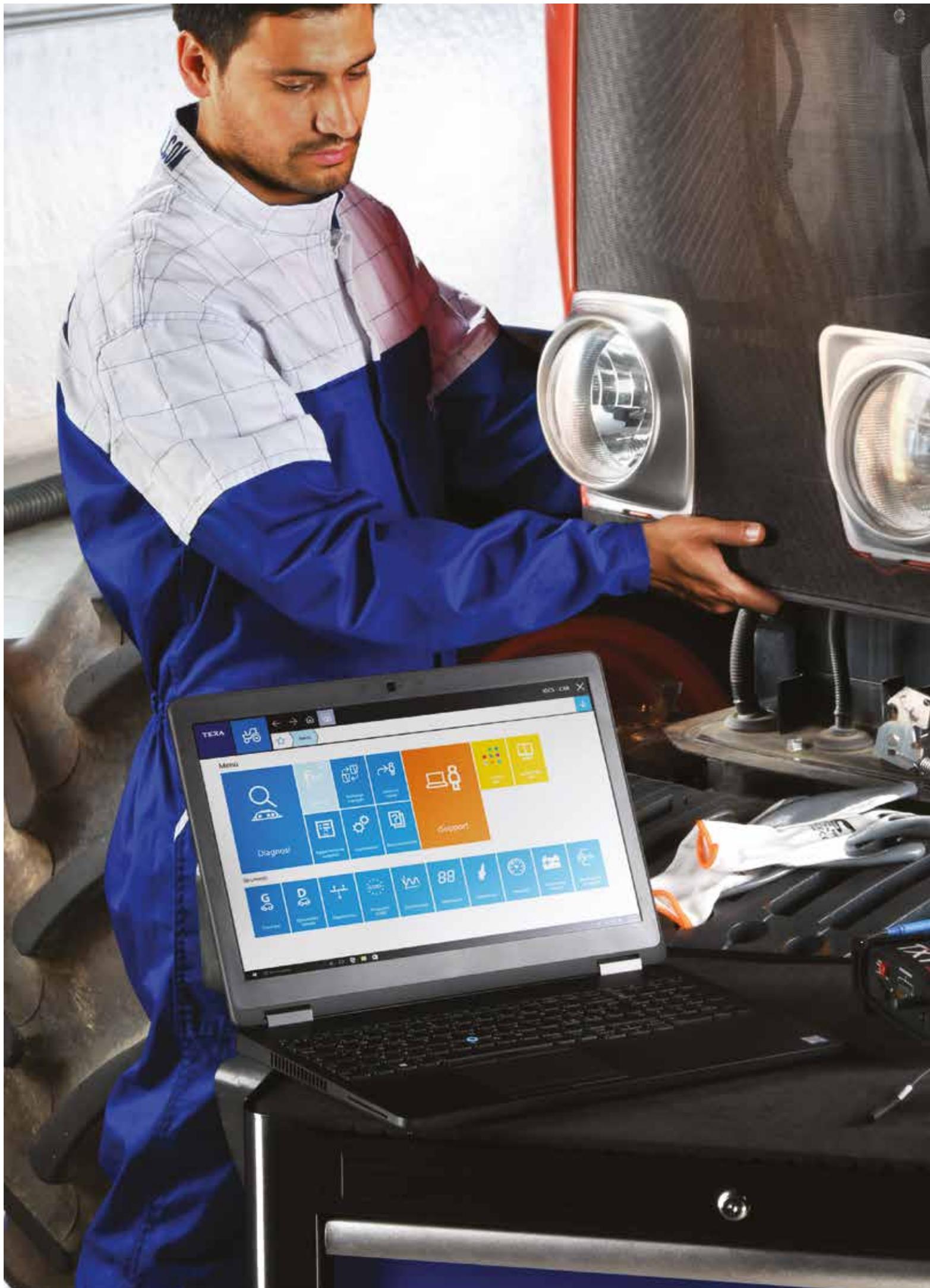


AXONE Nemo

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.

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 760R

This model features a **high-visibility TFT colour display** and an advanced graphic interface that presents images and information in an easy to understand way. Recharging operations are **completely automatic** and require no manual valve control. Distinctive features include **hermetically-sealed oil/UV bottles**, fully automatic recharging, **a scales locking/unlocking system** and automatic refrigerant weighing. It can be purchased pre-configured for R134a or R1234yf refrigerant. A retrofit kit is also available to convert between the two refrigerant types.

The **760R BUS** has been specifically designed **for large A/C systems**. It can be purchased pre-configured for R134a or R1234yf refrigerant. A retrofit kit is also available to convert between the two refrigerant types.

Main features

- R134a or R1234yf compatible
- High visibility colour TFT display with interface Graphics
- DATABASE/SERVICE management via SD card
- Rotating gauge display
- 20 Kg internal tank
- +/- 15 gr load precision
- High efficiency refrigerant recovery (above 95%)
- Dual stage vacuum pump
- Hermetically sealed bottles
- Automatic high precision oil injection
- Automatic oil bottle recognition
- Automatic precise refrigerant measurement check
- Scale lock system
- Automatic service procedure management

- Functionality:
 - DATABASE
 - PERSONALISED SERVICE
 - MY DATABASE
- Multilingual software coverage
- Service hose length compensation
- Automatic maintenance alarm
- Simplified maintenance
- Automatic management of uncondensable product

Optional

Flushing Kit, VDC Kit, Climate efficiency kit, refrigerant identifier, thermal printer, air conditioning system autodiagnosics.

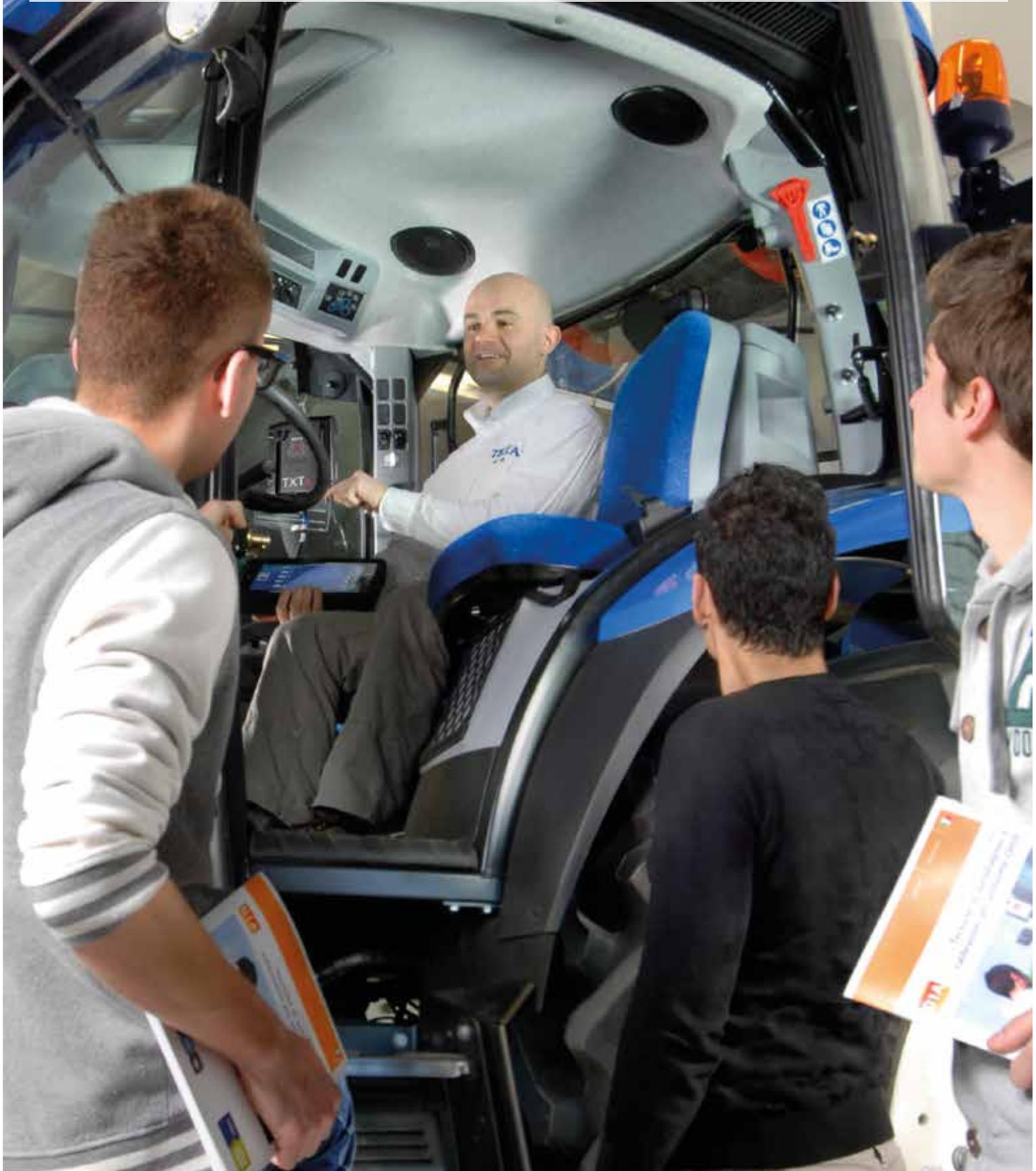
KONFORT APP

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.



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 approximately 650 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

The trademarks and logos of vehicle manufacturers in this document have been used exclusively for information purposes and are used to clarify the compatibility of TEXA products with the models of vehicles identified by the trademarks and logos. Because TEXA products and software are subject to continuous developments and updates, upon reading this document they may not be able to carry out the DIAGNOSTICS of all the models and electronic systems of each vehicle manufacturer mentioned within this document. References to the makes, models and electronic systems within this document must therefore be considered purely indicative and TEXA recommends to always check the list of the "Systems that can be diagnosed" of the product and/or software at TEXA authorised retailers before any purchase. **The images and the vehicle outlines within this document have been included for the sole purpose of making it easier to identify the vehicle category (car, truck, motorbike, etc.) for which the TEXA product and/or software is intended.** The data, descriptions and illustrations may change compared to those described in this document. TEXA S.p.A. reserves the right to make changes to its products without prior notice.

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