

# IDC4E software update

## **TRUCK 36**



The IDC4E software, considered as one of the best on the market, evolves continuously, version after version, also thanks to the constant dialogue with our customers that help us follow the overwhelming development of the technologies and systems connected to the TRUCK environment. In particular, the new **version TRUCK 36** offers, other than the constant growth of the coverage thanks to the inclusion of the most recent industrial vehicles, light commercial vehicles and buses, another important feature that makes it easy to use.

In fact, accepting and processing the suggestions given by workshops, we were able to rationalise the user interface by gathering and highlighting the functions used most frequently and guaranteeing an exceptional speed while carrying out the different diagnostic operations. These new features will allow you to save valuable time for your workshop activities.

The new graphic interface is featured by bigger and intuitive icons that allow you to always have all the most important functions at hand, directly in the different phases of the vehicle diagnosis.

Following are the main new features that the IDC4E software offers:

1. The Global system scan through the extraordinary TGS3s function and the Actions on the vehicle represented by Vehicle Maintenance, Adjustments and Codings, Device Check are in the foreground in the Self-diagnosis menu, easily accessible and simple to use.

2. The vehicle selection procedure was redesigned to further increase the intuitiveness by reducing the steps in order to reach the selection in only a few clicks. By using the new START button alongside the system selected, you reach the ERRORS screen.



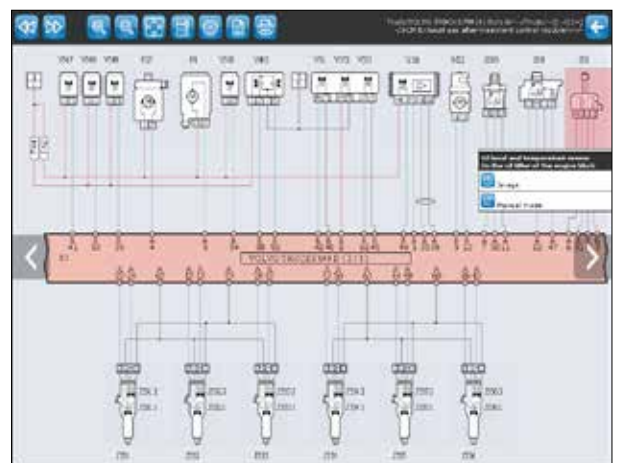
3. Favourite buttons with the following functions:  
Print, Recording, Deletion.



4. Navigation within the software screens is easier thanks to the use of tabs (PARAMETERS, DASHBOARDS, ERRORS, ECU INFO, ACTIVATIONS, ADJUSTMENTS).



5. Direct access to the wiring diagram with the selected component highlighted. The new function called Wiring Diagram Detail allows an instant connection between the error read inside the control unit and the related component in the wiring diagram. From the diagram you can access the control functions and the description of the device, typical of the IDC4E working environment.



For further details on these functions and on their applicability to vehicles, visit:  
[www.texa.com/coverage](http://www.texa.com/coverage)

6. Functional buttons that can be used while selecting the error: Wiring Diagram Detail, Freeze Frame, Self-Diagnosis Help.



7. Favourite parameters always available. This function allows you to customise and store a list of parameters creating logical groups that are useful to investigate a possible vehicle malfunction.



8. The reorganisation of the IDC4E software allows you to have all the technical documentation related to the vehicle directly in the Self-diagnosis.



9. The section dedicated to Customer Management was redesigned and allows you to manage your customers through a detailed profiling of the vehicle and of the repairs that were carried out.



Following are only a few of the most important new diagnostic features in IDC4E TRUCK 36, dedicated to the most important makes in the industry:

## **IVECO (EUROPEAN MARKET)**

### **Iveco Stralis/Trakker/ Eurocargo EU4/5/EEV**

- The Expansion Module system was developed.

### **Daily 2014**

- Diesel Injection EDC17 Eu5 – EDC17 Eu6 with UDST test
- ABS
- Airbag
- Suspensions System.

### **Iveco Daily 2012**

- The DPF regeneration was added.

### **Daily 2006**

- The EGR test was added (and the Engine Tests were reviewed).

### **Iveco ABS Knorr 6**

- The "control unit configuration modification", "control unit replacement", ESP sensor calibration" were added.

### **Iveco IBC3**

- The "control unit configuration modification", "control unit replacement" were added.

### **Iveco: IBC2**

- The "control unit configuration modification", "control unit replacement" were added.

## **IVECO SOUTH AMERICA**

### **Daily**

- Euro 2 / Euro 3 e Daily Euro 3 / Euro 4: alignment of the variants for the engine management.

### **Tector**

- The coverage of all the equipped systems and related special functions was completed.

### **Vertis**

- The specific diagnosis of the EDC7 UC 31 system was developed.

## **DAF**

### **LF Euro 6 (Isbe ESC-DC)**

The following adjustments were developed:

- AdBlue pump
- Module prime test
- AdBlue pump module
- Heater relay
- AdBlue pump module
- Override test
- AdBlue tank heater valve
- Diesel Particulate Filter Regeneration
- VGT (Variable Geometry Turbine) actuator replacement
- Filter degreening
- Cleaned DPF installation.

## **MERCEDES**

### **(EUROPEAN MARKET)**

### **Citan**

- Diesel Injection EDC17C42 - OM607
- KI Instrument cluster
- SAM Signal Acquisition Module
- SRS Supplemental Restraint System
- ESP Electronic Stability Program
- EPS Electric Power Steering

### **Actros MPIV**

- VRDU Driving assistance system, the video camera height adjustment was included.

### **Evobus / Setra**

- EBS, the "fault memory bit reset" function was added.

## **MERCEDES-BENZ**

### **(BRAZIL / ASIA PACIFIC)**

- The selection of the Argentinian production of the Sprinter (901-905) and the Sprinter (906) was added with the correct systems that are in these models.

## **MITSUBISHI FUSO**

### **Heavy Duty**

- Bosch Diesel Injection MCM Motor Control Module

### **Fighter**

- Common Rail Injection SCR Exhaust gas treatment.

## **NISSAN**

### **(EUROPEAN MARKET)**

### **Nissan NT500 / RENAULT TRUCKS Gamma D 3,5t-7,5t**

- Diesel injection
- SCR Exhaust gas treatment
- ABS Anti-lock Braking System
- BCM Body Control Module
- IPDM E/R Protection and switchover unit
- Instrument panel.

### **Nissan NT400:**

- ABS Anti-lock Braking System
- BCM Body Control Module

- IPDM E/R Protection and switchover unit
- Instrument panel.

## **FORD (EUROPEAN MARKET)**

### **Ford Transit 2012**

- Airbag system.

## **FORD SOUTH AMERICA**

### **Transit [07>13] and Transit [14>]**

- The diagnosis of all the equipped systems was developed.

### **CARGO 2042**

- The diagnosis of the ZF AS-Tronic transmission was developed.

## **HINO**

### **500 and 700 Euro4-5**

- Common rail Diesel Injection EPA 07/10/13
- SCR (Urea DCU Dosing Control Unit)
- BCU Burner Control Unit.

## **SCANIA**

### **Series R/P/G S7 and S8 Injection**

Activations and adjustments were added, such as:

- EGR reset
- Turbocharger calibration
- Fuel pressure reduction
- Reading speed limiter.

## **VOLKSWAGEN**

### **(EUROPEAN MARKET)**

#### **Multivan / Transporter T5**

- 7-speed DSG, the "control unit coding" and "basic adjustment" functions were included
- Sliding door control units
- Additional water heater
- RCD 510 radio control unit.

## **VOLKSWAGEN**

### **SOUTH AMERICA**

#### **Constellation production 2015**

- The diagnosis of the 6AS V-Tronic transmission was developed.
- Cabin Module 2015.

## **VOLVO**

### **FH4 EU6**

- The parameters for the following were added:
- APM Air Production Modulator ECU
- IC Instrument Cluster
- CIOM Cabin I/O Module
- DDM Driver's Door Module
- PDM Passenger's Door Module
- HMIIOM Human-Machine Interface I/O Module
- TGW2 Telematics Gateway 2
- FCIOM Front Chassis I/O Module
- RCIOM Rear Chassis I/O Module.

The Diesel Injection activations/adjustments were added:

- Warm hold function
- Selective catalytic reduction NOx conversion monitoring
- Bypass valve actuator
- EGR valve
- Reset parameters
- Injector coding.

The AdBlue (ACM) activations/adjustments were added:

- SCR system draining
- SCR system diagnostic test (with injection)
- AdBlue dosing test (reduced)
- AdBlue dosing test (extended).

The EBS activations/adjustments were added:

- ABS valves
- Modulators
- Brake pedal valve backup
- Reset parameters
- Steering angle sensor
- Yaw sensor
- Retarder control valve
- Retarder PWM valve.

The Vehicle Main Control Unit (VMCU) activations/adjustments were added:

- Reading speed limiter
- Air drier reset (data reset)
- Maximum Vehicle Speed (Customer)
- Maximum Vehicle Speed (OEM).

# NORTH AMERICA

## HINO NORTH AMERICA

### Series 600 North America

- Common rail Diesel Injection EPA 07/10/13

### SCR

#### (Urea DCU Dosing Control Unit)

- BCU Burner Control Unit.

## DETROIT DIESEL

### Diesel Injection EPA10 -EPA13

The complete diagnosis was developed for the versions produced starting from 2014, with all the configuration and control functions, among which the DPF regeneration, the Speed Limiter setting and the Injector Coding.

- SCR EPA13 (Urea Dosing Control Unit)
- The coverage of the versions produced starting from 2014 was implemented.

## CUMMINS

- Core2 EPA 13
- More than 30 new Special Parameterisations were developed.

## CATERPILLAR ALL VERSIONS

- New activations in the different protocols were developed, such as "ARD ignition", "Air system check", "Special Test, etc.
- New functions for ordinary maintenance were developed, such as the "Reset DPF" and the "Reset ASH"
- New functions connected to the injector operation check were developed and the possibility to run the "Injector Coding" directly entering the code was added.

## VOLVO PENTA

- The variants for the diagnosis of the Injection system installed in the Volvo Penta engines on Generators were updated.

## VOLVO TRUCK

### Vehicle OBD2 compliant (New Generation)

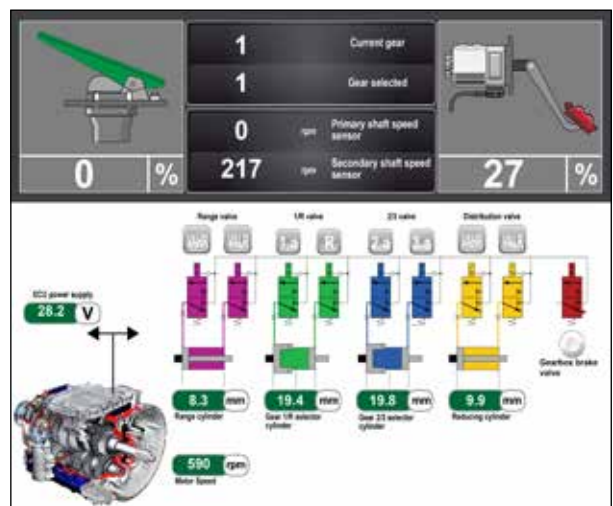
- Bypass valve actuator
- EGR valve
- Reset parameters

- Injector coding
- SCR system draining
- SCR system diagnostic test (with injection)
- DEF (Diesel Exhaust Fluid) dosing test (reduced)
- DEF (Diesel Exhaust Fluid) dosing test (extended)
- Reading speed limiter
- Air drier reset (data reset)
- Maximum Vehicle Speed (Customer)
- Maximum Vehicle Speed (OEM)
- ABS valves
- Modulators
- Brake pedal valve backup
- Reset parameters
- Steering angle sensor
- Yaw sensor.



# NEW DASHBOARDS

- Paccar Engine (VGT EGR RAIL system)
- Volvo FH4 I-Shift transmission (transmission actuator – clutch actuator)
- Mercedes MPIV (ACM system)
- Mercedes MPIV PowerShift 3 transmission (transmission actuator – clutch actuator)
- Review of the DASHBOARDS with a new graphic format.





## NEW WIRING DIAGRAMS:

- Mercedes MPIV various optional vehicle systems
- FREIGHTLINER/ DOGE / MERCEDES Sprinter 2500/3500 (906)  
OM651-OM642-OM646-OM642-OM612-OM611-OM647-OM601-OM602-M111
- SCANIA/Omnicity Euro 4 / Euro 5 / EEV
- ASTRA/HD7 the entire vehicle platform
- ASTRA/HD8 the entire vehicle platform
- ASTRA/HD8 Euro 5 the entire vehicle platform
- ASTRA/Military Vehicle the entire vehicle platform

## NEW FEATURES OF TEXA'S APPS FOR PC

### PRINT SCREEN

PRINT SCREEN is the new APP by TEXA very useful for mechanics as it allows them to capture any diagnostic screen easily and immediately and to transform it into an image that can be stored and used later on.

To capture the screen you simply have to press the new icon located at the top right in the IDC4; it can be used at any time and at any point throughout the diagnosis. The image is stored immediately in a JPG format.



### WARNING FOR USERS WHO HAVE OLD GENERATION TOOLS

We also wish to inform you that, although TEXA tries its best to keep its "old generation" diagnostic tools updated through an active subscription (for example NAVIGATOR MOBILE and TRIBOX with A-DIA module), the electronics in modern vehicles is often very complex and requires diagnostic tools with advanced technological features. For this reason, for some new systems, some advanced diagnostic operations could not be available using "old generation" tools.

For further information, contact your local retailer.

# EXTENDED COVERAGE OF MAKES

## VERSION 36

### TRUCK

AGRALE  
ASTRA  
AUTOCAR  
BEIFANG BENCHI  
BREMACH  
BUCHER-SCHÖRLING  
CARMICHAEL  
CVS FERRARI  
DAEWOO AVIA  
DAF  
DENNIS EAGLE  
DODGE  
DONGFENG  
DULEVO  
E-ONE  
EFFEDI  
ERF  
FAW  
FODEN  
FORD  
FREIGHTLINER  
GAZ  
GMC  
HINO  
HYUNDAI  
INTERNATIONAL  
ISUZU  
IVECO  
IVECO (LATIN AMERICA)  
IVECO DVD  
JOHNSTON  
KALMAR  
KAMAZ  
KENWORTH  
KMW  
LIEBHERR  
MACK  
MAN  
MAZ  
MERCEDES-BENZ

MERCEDES-BENZ  
(BRASIL / ASIA PACIFIC)  
MITSUBISHI FUSO  
MULTICAR  
NISSAN (EUROPEAN  
MARKET)  
O.ZETA CLES  
PETERBILT  
RENAULT TRUCKS  
SCANIA  
SHAANXI  
SHACMAN  
STERLING  
TADANO FAUN  
TATRA  
TERBERG  
TEREX  
UD TRUCKS (NISSAN  
DIESEL)  
VOLKSWAGEN TRUCKS  
VOLVO TRUCKS  
WESTERN STAR

### BUS

AGRALE  
ALEXANDER DENNIS  
ALLEGRO  
AMZ  
AUTODROMO  
AUTOSAN  
AYATS  
BARBI  
BCI  
BEIFANG BENCHI  
BEULAS  
BLUE BIRD  
BMC  
BREDAMENARINI  
CACCIAMALI  
CAIO  
CASTROSUA

COMIL  
CROBUS  
DAEWOO BUS  
DALLA VIA  
DE SIMON  
FAST  
FIAT  
GOLDEN DRAGON  
GULERYUZ  
HEULIEZ BUS  
HINO  
HYUNDAI  
IRISBUS  
IRIZAR  
ISUZU  
IVECO  
IVECO LATIN AMERICA  
KAMAZ  
KING LONG  
LEXEA  
LIAZ  
MAN  
MARCOPOLO  
MAZ (BUS)  
MERCEDES-BENZ  
MERCEDES-BENZ (BRASIL)  
MERCEDES-BENZ (EVOBUS)  
MERKAVIM  
MITSUBISHI FUSO  
NEOPLAN  
NOGE  
OPTARE  
OTOKAR  
PAZ  
RAMPINI  
RENAULT BUS  
SCANIA  
SETRA  
SHENLONG  
SOLARIS  
SOLBUS

SOR  
SUNSDGUI  
TATA  
TCV  
TEMSA  
TOYOTA  
TOYOTA CAETANO  
TVM-MARBUS  
VAN HOOL  
VDL BERKHOF  
VDL BOVA  
VDL BUS  
VDL BUS & COACH  
VDL JONCKHEERE  
VISEON  
VOLARE  
VOLKSWAGEN BUS  
VOLVO TRUCKS  
VOLZHANIN  
WRIGHT BUS  
YUTONG

### LIGHT VEHICLES

AGRALE  
BSI VEICOLI  
CHEVROLET  
CITROËN  
DACIA  
DAIHATSU  
DODGE  
FIAT  
FORD  
HYUNDAI  
IVECO  
IVECO LATIN AMERICA  
LCV  
KIA  
LDV  
MERCEDES-BENZ  
MERCEDES-BENZ (BRASIL /  
ASIA PACIFIC)

MERCEDES-BENZ (EVOBUS)  
MITSUBISHI  
NISSAN  
OPEL (GM)  
PEUGEOT  
RENAULT  
SEAT  
SKODA  
SOLLERS FIAT  
SUZUKI  
TOYOTA  
VOLKSWAGEN

### TRAILER AND SEMI TRAILERS

BPW  
BREMACH  
HALDEX  
KNORR  
THERMOKING  
WABCO  
WRIGHT BUS

### POWER TRAIN

ALLISON  
CATERPILLAR  
CUMMINS  
DETROIT  
DEUTZ  
EBERSPACHER  
FPT (IVECO MOTORS)  
INTERNATIONAL  
MERCEDES-BENZ  
PACCAR  
SCANIA  
VM MOTORI  
VOITH  
VOLVO PENTA  
ZF  
WEBASTO  
WABCO

### LEGEND

 Brands that offer updates in this version	 Brands that do not offer updates in this version
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