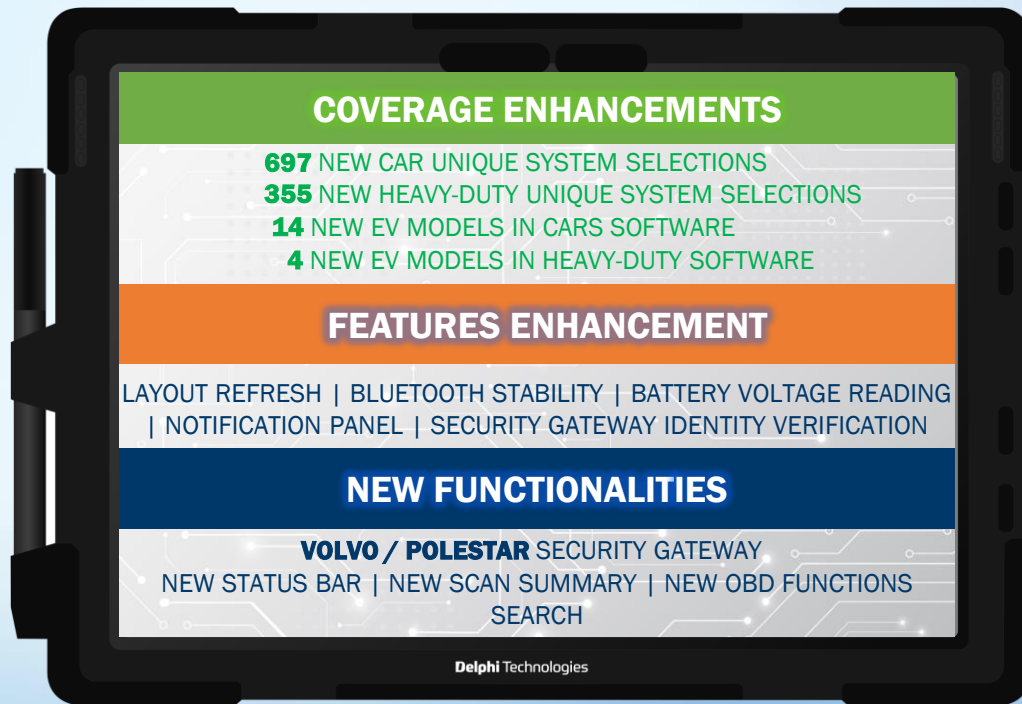


Scan here to update
your software



DELPHI IS PLEASED TO ANNOUNCE THE RELEASE
OF

DS SOFTWARE VERSION 2024.00

1417 CAR MODELS COVERED

768 HEAVY-DUTY MODELS COVERED

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COVERAGE ENHANCEMENT

New Models and Model Year



Make	New Model	Type	Years
Audi	Q8 e-tron [23-]	CAR	2023-2024
Dacia	Spring	CAR	2021-2024
Hyundai	i10 [20-]	CAR	2020-2024
Hyundai	Ioniq6 [23-]	CAR	2023
Jeep	Avenger [23-]	CAR	2023-2024
KIA	Sportage [22-]	CAR	2022-2024
Mazda	CX-60 [22-] [KH]	CAR	2022-2023
Porsche	Taycan	CAR	2019-2024
Subaru	Solterra [22-]	CAR	2022-2023
Suzuki	S-Cross [22-]	CAR	2022-2023
Multicar	M31	LCV	1970
Renault	Trafic III PH2	LCV	2022-2023
DAF	XD	HD	2023
Scania Bus Chassis	Citywide [22->]	HD	2022-2023
Scania Bus Chassis	C-Series [22->]	HD	2022-2023
Scania Bus Chassis	Interlink [22->]	HD	2022-2023
Scania Bus Chassis	K-Series [22->]	HD	2022-2023
Scania Bus Chassis	Touring HD [22->]	HD	2022-2023

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DS SOFTWARE VERSION 2024.00

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COVERAGE ENHANCEMENT

Vehicles and systems updates* (CAR and LCV)



Make	Model or system	Update / Addition
Audi	Q8 e-tron	New model, Power-down High Voltage battery
	Touareg 2010-2018	ADAS functions
	e-tron GT	Battery test function
BMW	1-series [E81/82/87/88]	Adjustment functions for engine N47
	X3 (G01/E83)	New engine B57 and adjustment for engine N47
	All electric and hybrid models	Adjustment for draining and filling the refrigerant system
Citroën	Ami	New model C3 (B618) – BSI (body system) and DGZ engine
	Berlingo 4/Partner 4	Parking aid system added and YHT engine
	C3 & C4/Aircross	New engine HMR
	C5 Aircross	DGZ engine
	C5X	Hybrid and tailgates systems added and system coverage updated
	Jumpy 4/Expert 4/Traveler/SpaceTourer	Front radar system
	Jumpy	Service mode for Electric Parking Brake
Dacia	Spring 2021-2023	Increased coverage
	General	R9N new engine coverage and increased coverage on K9K engine
DS Automobile	DS4 (D41)	Parking aid system added
	DS7 Crossback	New camera system added
	General	Update of unknown DTC in several models/systems
Fiat	500E	Year model update
Ford	Mach-e	Battery test function
	Transit Connect 2014-> & Kuga 2020->	AdBlue functionality
	All diesel engines from 2015->	Regeneration and injector coding
Hyundai	i30	Camera calibration (static)
Jeep	Avenger	1.2 petrol
	Wrangler JK	All systems (Diesel and Petrol engines)
	Renegade	1.5 MHEV EV system and engine
Nissan	Qashqai HJ12/X-Trail HT33 ePower	Generator, motor control, shift, brake
	NV300 2014->	Year Model update
Mercedes	Citan, Vito, V-Class, EQV and Sprinter	Rear view camera calibration
	eCitan	Battery related systems.
	General	Rear view camera calibration and Year Models update to 2024
Opel / Vauxhall	Combo Cargo/Life and Vivaro C/Zafira Life	Dynamic protocol for BSI
	Crossland/Grandland	New/updated engine 1.5L diesel
	Meriva B 2015->	New engine B16DTE
Peugeot	Expert	Service mode Electric Parking Brake and BSI added.
	Partner	BSI added
Renault	Captur II & Zoe	Year Model update
	Kango III	Updated diagnostic coverage
	Master III	Automatic gearbox BVR PA full functionality

*: List of updates not exhaustive

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COVERAGE ENHANCEMENT

Vehicles and systems updates* (HCV and LCV)



Make	Model or system	Update / Addition
DAF	XD	New model
	XG, XG+, XF	LDWS-3 camera calibration and AEBS-3 radar calibration. Service change, service date and kilometer functionality added. TPMS Winter/summer mode and pressure modification added.
Iveco Truck	S-Way	Particulate filter regeneration
Iveco LCV	Daily 7	Regeneration, test, and calibrations in engine MD1, steering wheel calibration, maintenance mode electric parking brake
	Daily electric	HV systems added
Knorr Trailer	ECU exchange	Added support for ECU exchange
MAN Truck	ASM engine	AdBlue test and adjustments
	Opticruise gearbox	Adjustments
Mercedes Truck/Bus	SSAM	On board battery system exchange and transport mode
	ACM3 system	Diesel particulate filter, regeneration added and reset after exchange
Mitsubishi	Fuso	Increased ADAS calibration functionalities
Scania Bus	C-series	New bus model
	K-series, Citywide, Touring, Interlink 2022->	Several systems with new communication platform
Scania Truck	S, R, G, P, L 2022 ->	Test and calibration functionality in transmission systems

* List of updates not exhaustive

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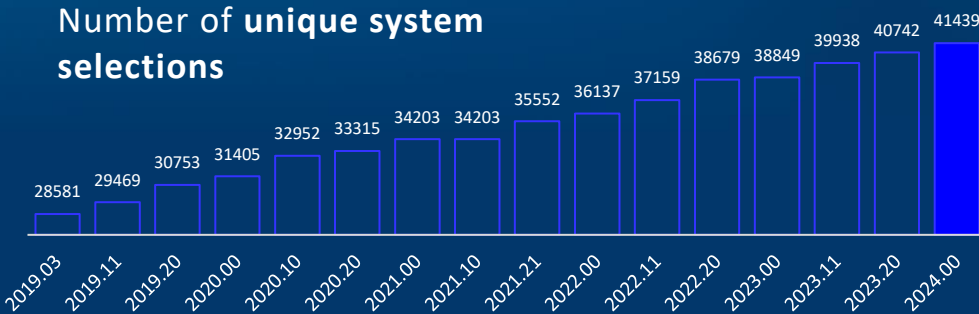
Passenger Car and Light Commercial Vehicles Coverage enhancements



DS Software - CAR content

	System type	Brands	Models
Number of brands / models per system type	Petrol	60	1491
	Fuel	15	158
	Ignition	5	15
	Diesel	59	1121
	Brake	57	1299
	Instrument	51	981
	Climate	51	959
	Gearbox	52	916
	Immobiliser	46	680
	SRS (Safety restraint system)	56	1271
	TCS (Traction control system)	1	1
	Multifunction	53	1144
	SLR (Service Light Reset)	48	843
	Scan	53	1186
	EV	38	301
	Suspension	6	33
	TPMS (tire pressure monitoring)	44	595
	ADAS	48	775
Total brands / models		68	1417
Total unique system selections		41439	

Number of unique system selections



301 Electric Vehicle models covered

+14 since last software update



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Heavy – duty vehicles

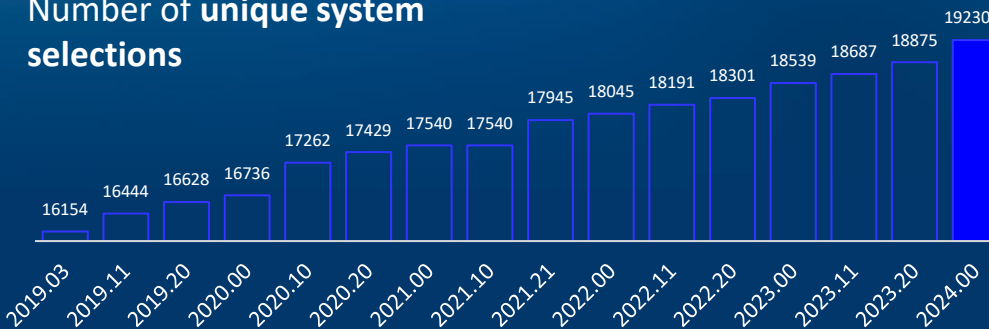
Coverage enhancements



DS Software – Heavy-duty content

	System type	Brands	Models
Number of brands / models per system type	Petrol	48	247
	Fuel	4	16
	Diesel	75	729
	Brake	73	714
	Instrument	52	499
	Climate	41	356
	Gearbox	60	525
	Immobiliser	40	212
	SRS (Safety restraint system)	38	241
	Multifunction	61	565
	SLR (Service Light Reset)	41	284
	Scan	41	390
	EV	20	41
	Suspension	40	391
	TPMS (tire pressure monitoring)	26	82
	ADAS	34	221
Total brands / models		81	768
Total unique system selections		19230	

Number of unique system selections



41 Electric Vehicle models covered

+4 since last software update



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Features Enhancements

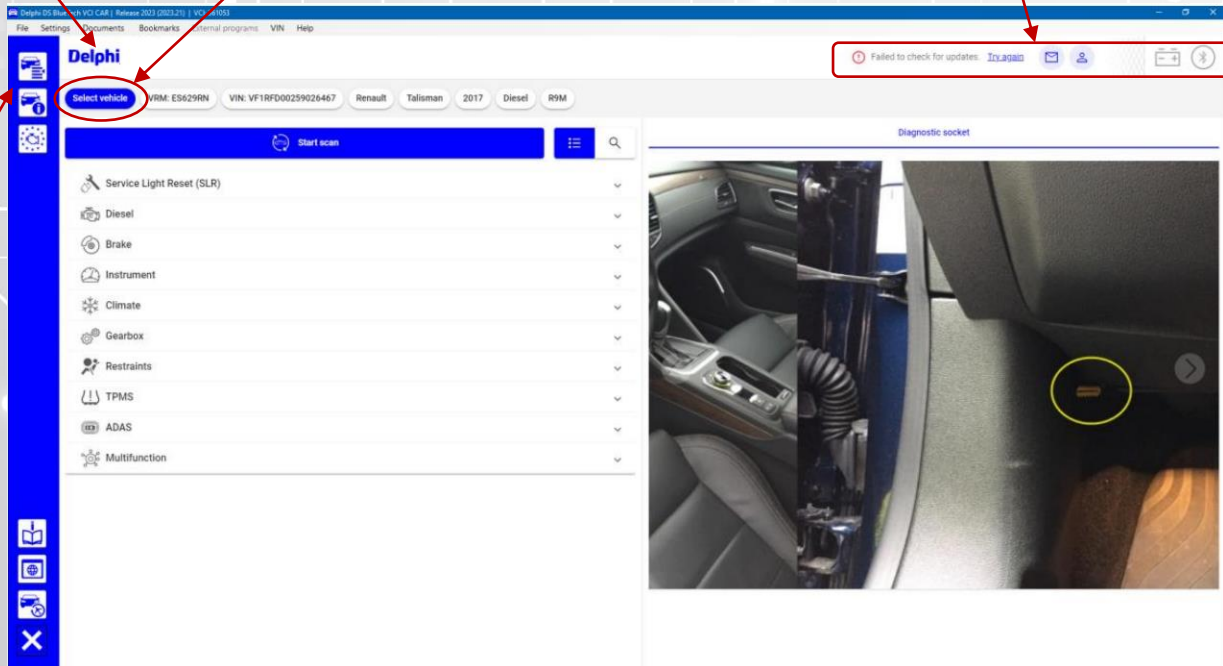
Main screen refreshed



Select vehicle moved to the beginning of the breadcrumb

Branding update

New status bar



Higher side menu bar

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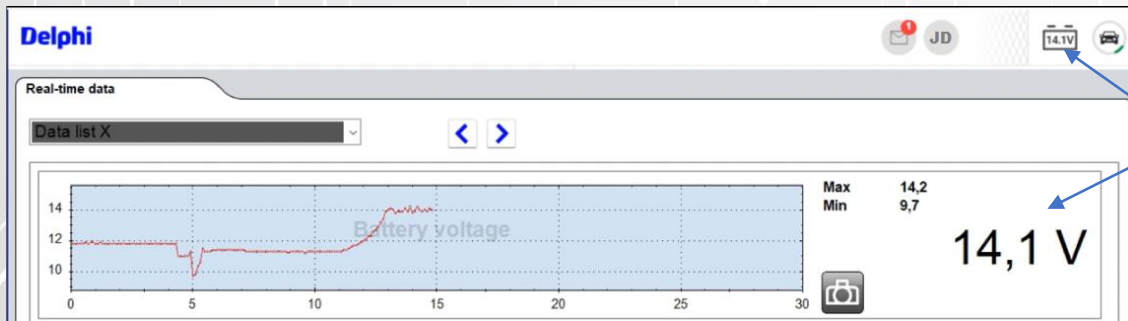


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Features Enhancements

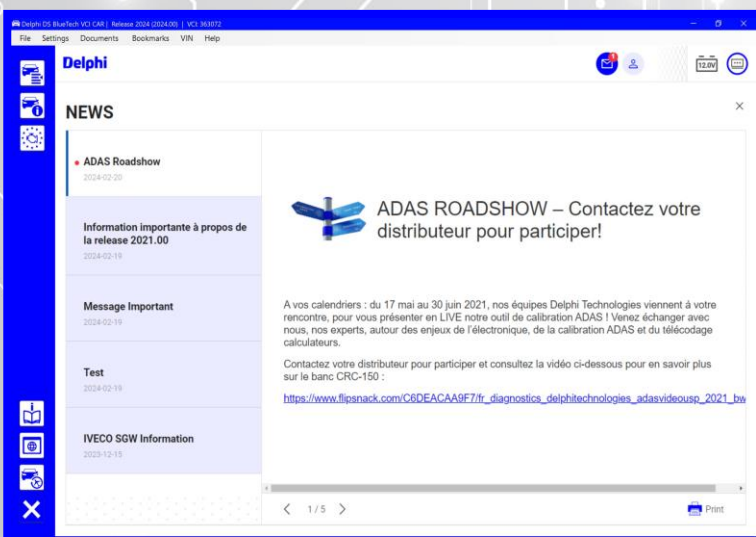
Battery voltage reading, Bluetooth communication & notification panel



- Stability and Frequency of the Battery voltage reading (**)
- During Live Data reading, the Battery voltage in the top bar of the DS software continues reading
- Bluetooth connection stability, significantly improved

Important note 1: CAR software and HEAVY-DUTY software cannot run in parallel.

(**): The VCI and the ECU do not get the Battery Voltage from the same source, so having differences in the values displayed is normal.



- Panel redesigned in the New User Interface only
- More clear display of notifications
- Consistency with the rest of the New User Interface
- The information occupies a wider screen space
- No small dialog box taking over a Diagnostic screen

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Features Enhancements

Security Gateway – Identification verification



In the past months, the Identity Verification step has temporarily been removed from the process for the time of improving the solution. This step is now re-established and offers a better user experience.

WHO is affected?

All users who created a SGW account without having to scan their Identity Document (***)

WHAT is required?

Complete the registration process by finalizing the Identification step

See below for details

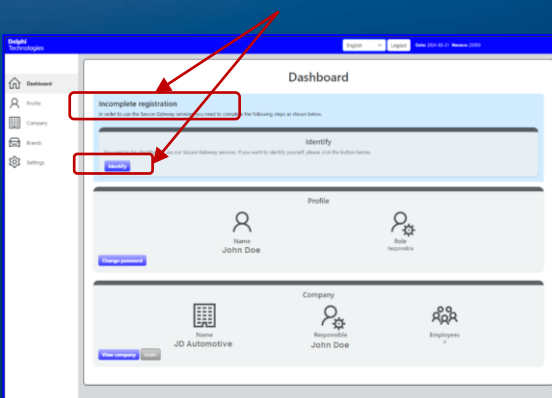
By WHEN?

Until May 31st 2024, the step remains optional.

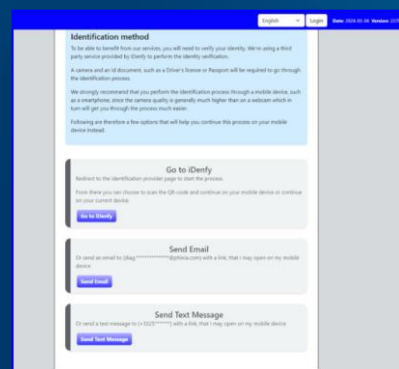
From June 1st 2024, Security Gateway functionalities will be blocked in any account without Identity Verification

1. Go to "**Settings**" in your DS CAR or DS Heavy-duty software and log in to your **Security Gateway account**.
2. In the dashboard view, you may see a grey text box with the headline "**Incomplete registration**". If this text is not displayed, no action is needed from you. The process stops here.
3. If you see this text, click the "**Identify**" button.
4. Choose one of the 3 possible methods (QR code, email, text message) to start the identification process and follow the proposed steps.

Indicators that the Identity Verification is required.



Choose the verification method: ID card, Driver license or Passport is needed



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(**): All users who create a new SGW account will necessarily have to complete the Identity Verification step



VOLVO & POLESTAR SECURITY GATEWAY UNLOCKING

NEW FUNCTIONALITY

Description

The DS tool now offers the users having a **valid BlueTech license**, the possibility to access the protected functions and fully diagnose the Polestar / Volvo vehicles fitted with the Security Gateway. This includes, but is not limited to, components activation, test components, perform adjustments, coding and calibrations...

This is a fully integrated functionality, to be activated in the DS software Security Gateway portal.

Brand activation process

Refer to the section 1.9 of the Technical Bulletin DT700, available in Direct Evolution.

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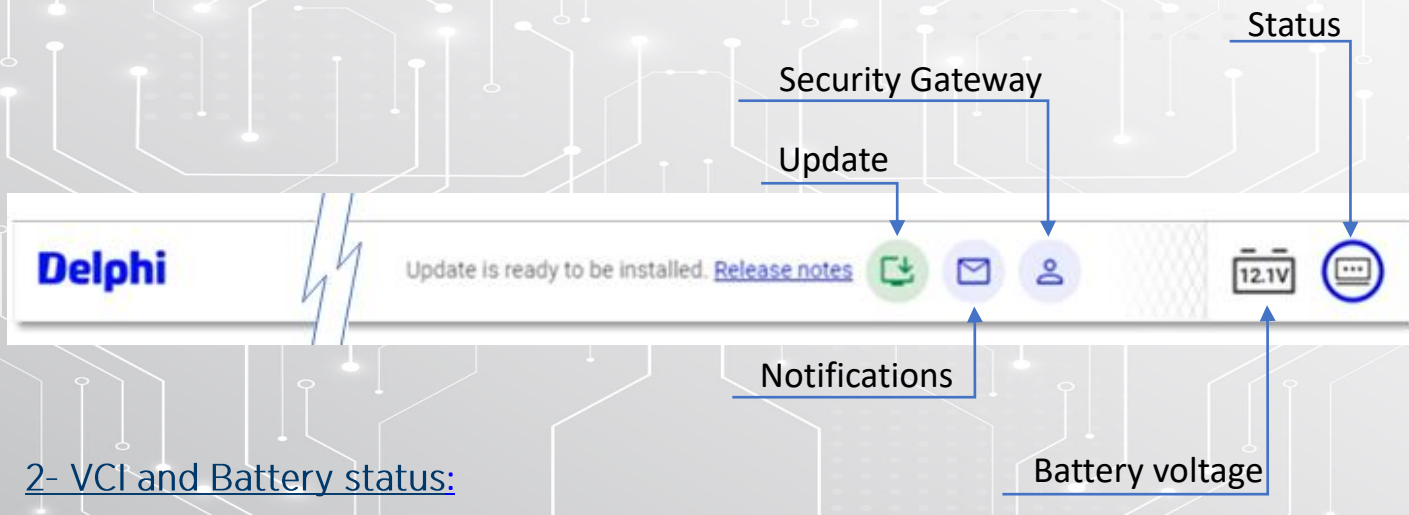
New Functionalities

New status bar



1- Overview:

As part of the continuous improvement of the DS software new User Interface, a new status bar is introduced in the release 2024.00.



2- VCI and Battery status:

Icon status	Description
	No connection / VCI not powered
	VCI connected, no communication (LED is White)
	VCI connected, active communication with the PC / tablet
	VCI connected, Active diagnostic session, processing a long operation
	VCI connected, Active diagnostic session, no active communication with the vehicle
	VCI connected, active communication with the vehicle
	Firmware update in progress & battery voltage below the limit

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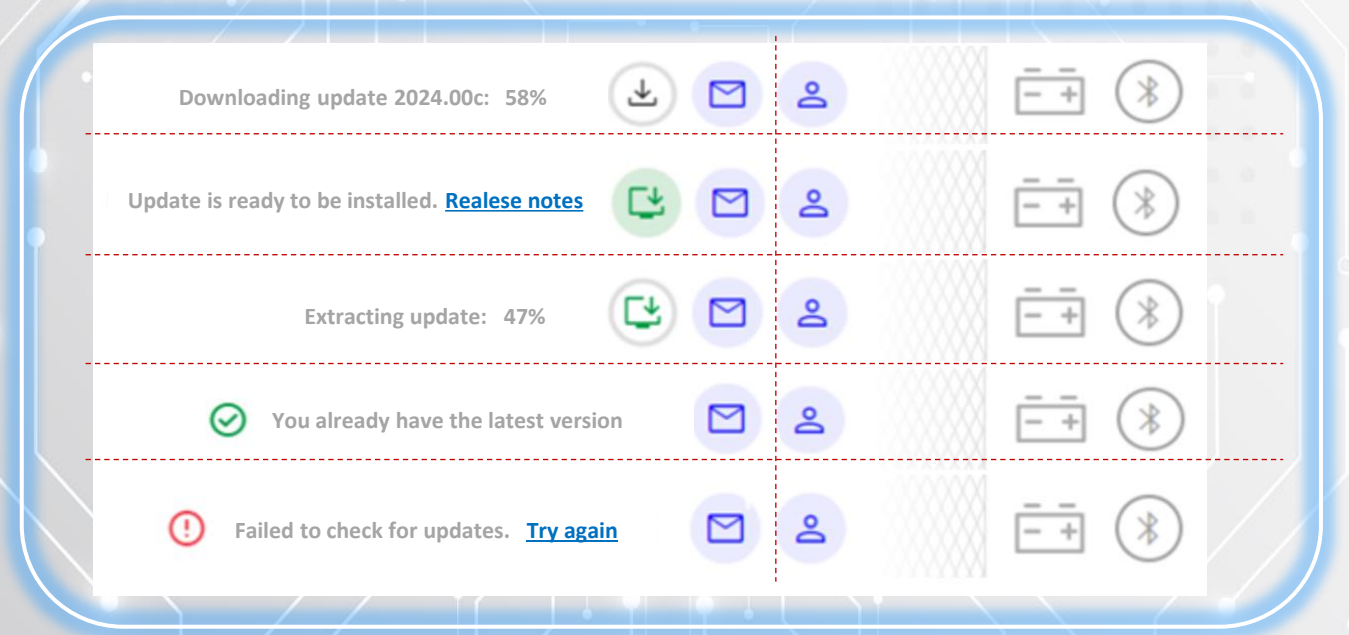
New Functionalities

New status bar



3- Software update status

This indicator can take 5 values to inform the user about the progress of the software update. A text in grey explains the status.



4- Security Gateway authentication – status icon

Since 2024.00, it is possible to keep the SGW user authenticated during the desired period, e.g until the software is restarted or the user has logged out from his account. This prevents the recurring SGW disconnections and avoids having to enter the username and password several times during the day.

The new status bar includes the SGW icon showing the authentication status.

See the following page for additional information



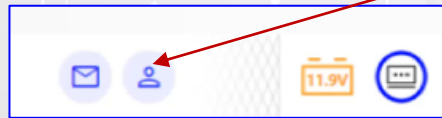
New Functionalities

New status bar



4- Security Gateway authentication – status icon

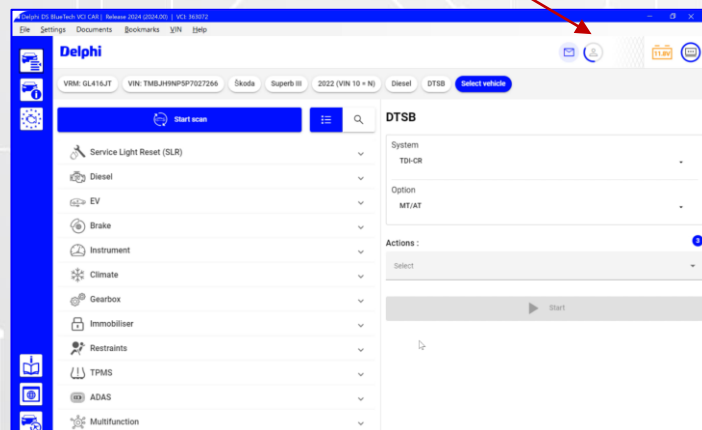
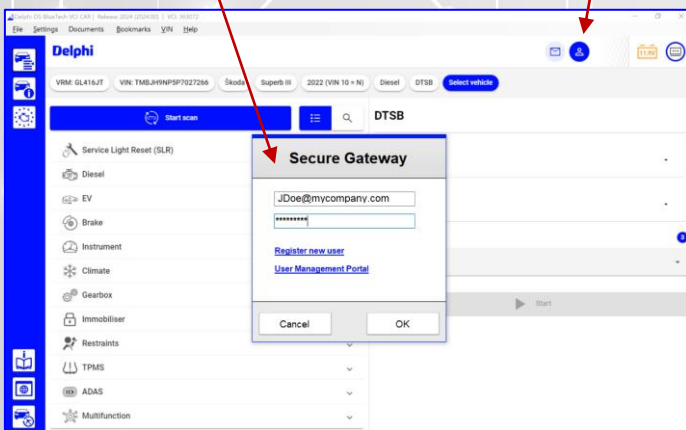
1 At start, the user is not connected to the SGW account



3 Enter your credentials

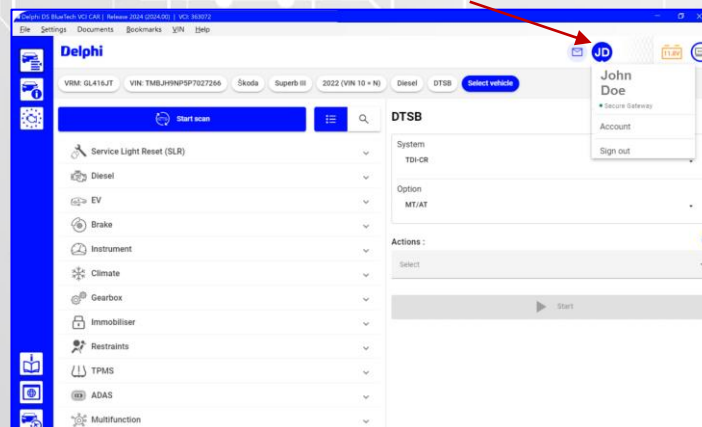
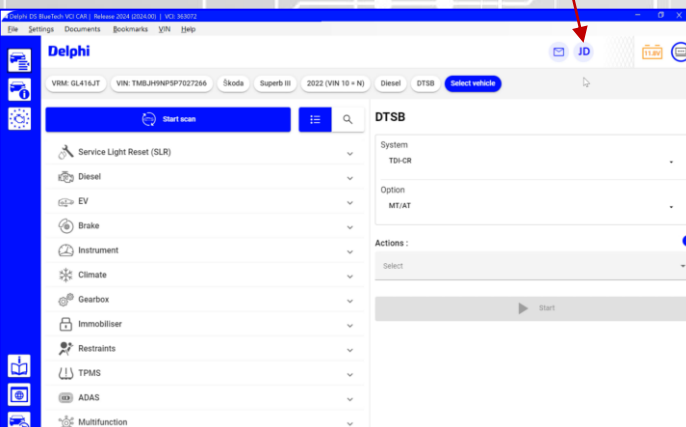
2 Click the SGW authentication icon

4 Authentication in progress



5 You are logged in

6 Click the icon to view the status, open the account or sign out



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New Functionalities

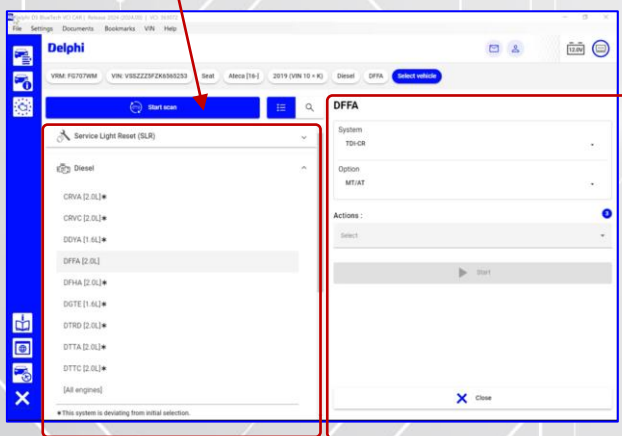
System Scan summary



In the new User Interface, with 1 click, it is now possible to view the *summary of all the detected faults in 1 screen*. The System Scan screen is divided in 2 sections:

1. List of systems that are being scanned – on the left-hand side
2. Details of operations and results – on the right-hand side. This is where the full list of DTCs is displayed.

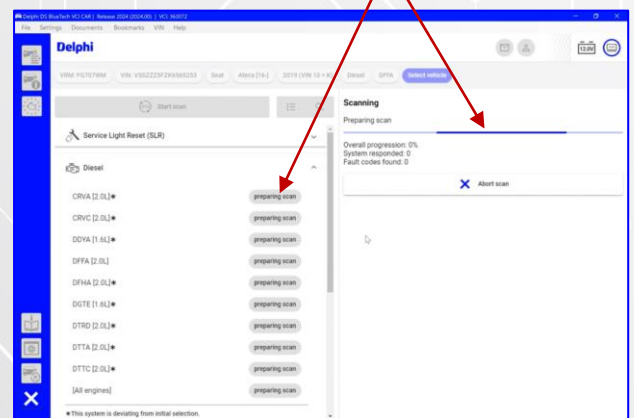
1 Click Start SCAN



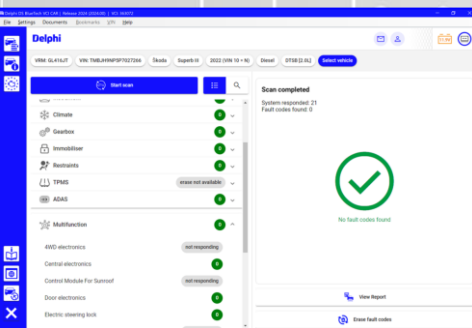
Systems

Details

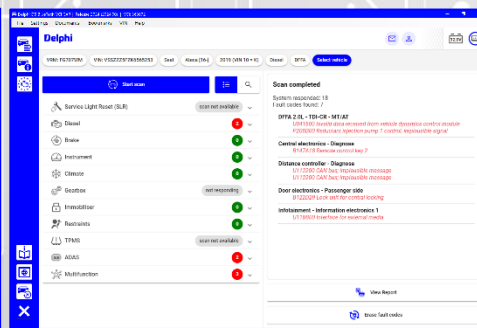
2 Scan is being prepared



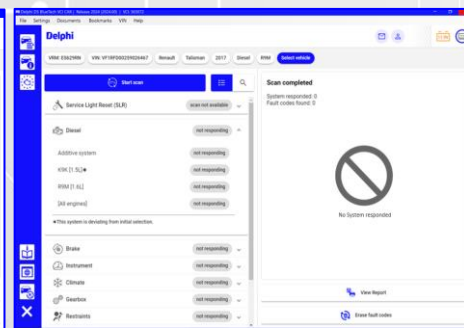
Once the System Scan is complete, there are 3 types of results



Not fault found in any system that has responded



Complete list of detected faults, all displayed in 1 screen. No need to manually search system by system



Scan operation completed, but no system has responded

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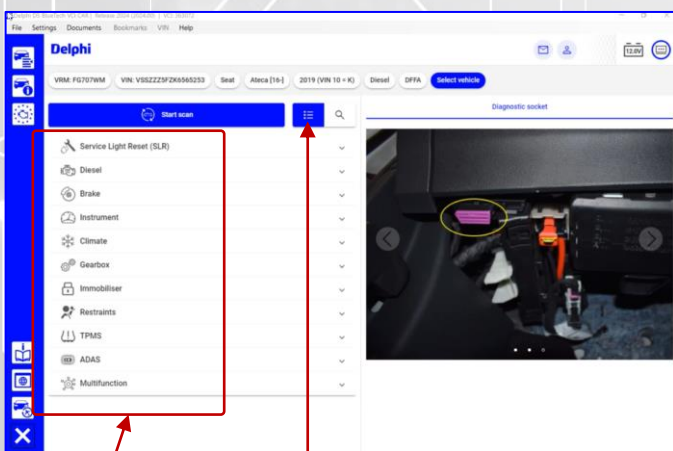
New Functionalities

OBD Functions search

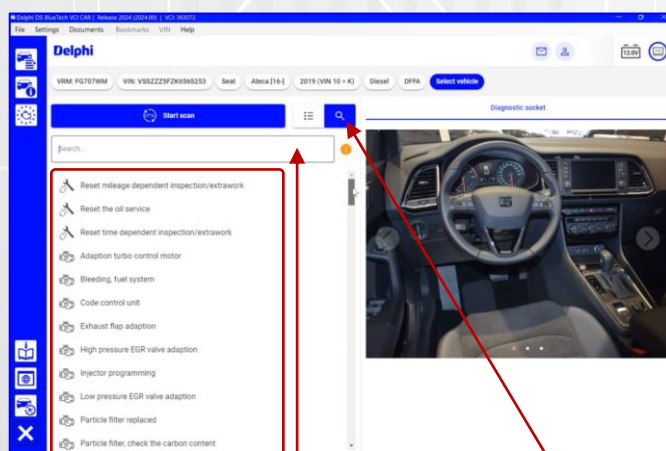


Searching for the supported OBD functions in the DS Diagnostic software is a highly valuable capability that can save a lot of time. In the version 2024.00, this feature has been redesigned in the New User Interface to *enhance the search accuracy, minimize the steps to get the target information and provide a quick and easy access to the additional resources* (pictures, documents, instructions...). It goes with a powerful filtering function.

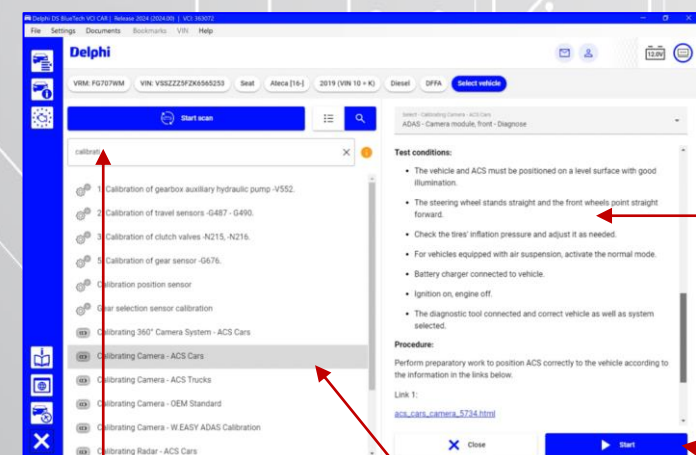
Dynamic search:



Systems list List mode active



Functions list Search field Click this button to activate the "Search" mode



Dynamic search OBD function selected Detailed results Function execution

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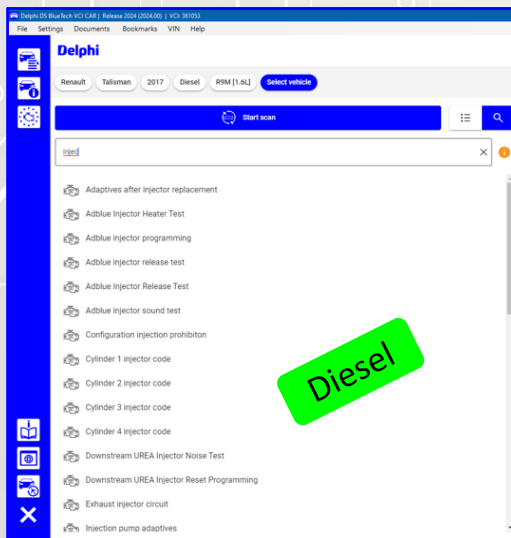


New Functionalities

OBd Functions search

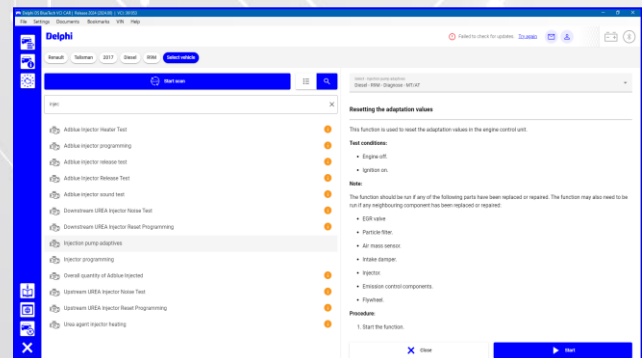
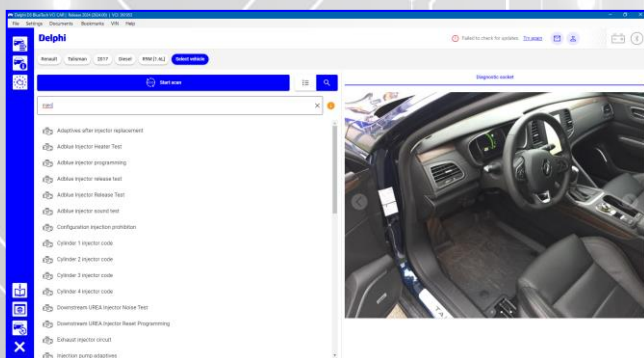


Filtering after vehicle selection:



In the new User Interface, when « Diesel » engine is selected, the « Petrol » specific functions are not listed (contrary to the old User Interface where no filtering could be applied) By default, the functions from all other systems are listed.
 Note: in case Electrical Vehicle is selected, no filter is applied.

Filtering after vehicle scan:



BEFORE executing the System Scan
 All the functions possibly matching the selected vehicle, are listed

AFTER the System Scan execution
 Only the functions actually relevant to the selected vehicle and those that cannot be determined (***) are listed.

(***) : For some functions, the matching may not be determined (system didn't respond or not included in the scan). In this case they are marked with this orange tag

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Security Gateway Coverage

Below is the DS software capability for Security Gateway, as of the version 2024.00. Access to Security Gateway protected vehicles requires a valid DS software license.

Brand	Integrated solution	Requires additional component	Included in the DS license price	Add-on license
Alfa Romeo	✓	No	✓	No
Audi	✓	No	✓	No
Cupra	✓	No	✓	No
Dacia	✗	Yes – Renault token	✗	No
Fiat	✓	No	✓	No
Iveco	✓	No	✗	Yes Order SV60318 or SV60319
Iveco Trucks	✓	No	✗	Yes Order SV60318 or SV60319
Jeep	✓	No	✓	No
Mercedes	✓	No	✓	No
Polestar	✓	No	✓	No
Renault	✗	Yes – Renault token	✗	No
Seat	✓	No	✓	No
Škoda	✓	No	✓	No
Smart	✓	No	✓	No
Volkswagen	✓	No	✓	No
Volvo	✓	No	✓	No

