PRODUCT DESCRIPTION
SILVERDAT 3 PRO

This document provides further details on the scope of services of SilverDAT 3 Pro, consisting of:

- ▶ Vehicle identification (VIN request and SilverDAT €uropa-Code®/Identifycode)
- ▶ Repair cost calculation (calculatePro)
- ▶ Valuation (valuatePro)

SilverDAT 3 PRO	
VEHICLE IDENTIFICATION	
Scope of service	SilverDAT VIN request (vehicle identification) within the SilverDAT data and information system
Version number	**11.2021**
Short description	The SilverDAT VIN request enables users to easily identify vehicles and their standard and optional equipment using the 17-digit vehicle identification number (VIN) stated in the vehicle registration document. To identify an individual vehicle, DAT systems electronically request data from databases of participating manufacturers and importers for each VIN. The transferred VIN data, model code, options code, production plant and production period from the manufacturer or importer are then processed in the DAT systems or imported into these. The details are compared with the data stored in the DAT system and so form the basis for further processing. The codes stored in the DAT system come from published price lists, brochures and sales handbooks from manufacturers and importers. VIN data usually represents the build state of a new vehicle at the time of its delivery from the plant.
Restriction of use	The data ascertained through the licensed product may be used only to determine the build state of a vehicle for the purposes of calculating repair costs and/or vehicle valuation, and business processes directly associated with these purposes. No other usage is permitted. The CUSTOMER will use the vehicle data held in its systems and obtained via the VIN request exclusively in accordance with the contractual regulations. The VIN request must not be used by unauthorised third parties. The VIN data supplied for use remains the property of DAT or the relevant manufacturer or importer. The CUSTOMER shall take technical measures to ensure that the use of the licensed product is always based on a DAT customer number and only at an individual vehicle level.

	The VIN request is only available for the brands and manufacturers named in the appendix to this product description.
Limitations	The manufacturers and data providers are not bound by any response times in relation to DAT. DAT consequently bears no liability or contractual obligation for meeting a specific response time in relation to the SilverDAT VIN request.
	The manufacturers or data providers are not under obligation to DAT to meet a percentage for successful decoding of the vehicle identification number (VIN). The percentages for successful decoding of the vehicle identification number (VIN) vary, in particular according to the CUSTOMER, area, vehicle manufacturer and vehicle age. DAT therefore bears no liability or contractual obligation for a specific percentage of successfully decoded vehicle identification numbers (VIN).
	The vehicle data on which the SilverDAT VIN request is based is provided by third-party data providers (in particular manufacturers, vehicle importers and other market operators) ("third-party data"). Third-party data is accepted by DAT without being checked. DAT is not liable for ensuring that this third-party data is up to date, complete, correct and usable.
Access/installation	Use of the licensed product requires an agreement to be in place regarding the SilverDAT data and information system. The system requirements for SilverDAT applications – available at http://www.dat.de/silverdat/systemvoraussetzungen – apply.
Documentation	Manual available as PDF in the user interface.
Invoicing	Transaction-based invoicing for SilverDAT VIN requests will take place by the tenth working day of a calendar month to cover the previous calendar month. DAT shall provide the CUSTOMER with a list of the SilverDAT VIN requests made or initiated in the relevant billing period, via the protected area of the DAT portal.

SilverDAT €UROPA-CODE® / IDENTIFYCODE	
Scope of service	SilverDAT €uropa-Code® data including relevant additional elements available for Austria, Bulgaria, Czech Republic, France, Germany, Greece, Hungary, Italy, Netherlands, Poland, Romania, Slovakia, Spain, Switzerland and Turkey in the relevant national language.
Version number	**1.56.02 11.2021**
Short description	The SilverDAT €uropa-Code® itself is a data pool from DAT covering all vehicle makes to allow the identification of individual motorcycles, passenger cars, light commercial vehicles, off-road vehicles, SUVs and heavy commercial vehicles. A data set description for the SilverDAT €uropa-Code® applies in its most recent form and has already been exchanged between the contractual parties. The latest version of the SilverDAT compendium serves as a

description of the data set and a manual. The CUSTOMER receives personalised access to the SilverDAT compendium for this purpose.

The SilverDAT €uropa-Code® is a 15-digit numerical code. To enable an accurate classification of vehicle groups, the data contained in the SilverDAT €uropa-Code® includes the most prominent standard and/or optional equipment items inseparably associated with the individual vehicle. For an exact vehicle definition, DAT provides each SilverDAT €uropa-Code® with a country-specific market index and details about the production period of the specific vehicle.

The delivery of SilverDAT €uropa-Code® data consists of up to two basic elements and multiple additional elements.

The basic elements contain the technical descriptions of the particular SilverDAT €uropa-Code® and, if available, the relevant national codes (e.g. HSN/TSN) are added to the SilverDAT €uropa-Code®.

All additional elements build on the basic elements. The use of additional elements is optional and depends on the purpose, but requires simultaneous use of the SilverDAT €uropa-Code® and the relevant preceding additional elements. Additional element 4 is an exception to this rule; in this case, additional element 3 does not need to be used and only additional elements 1B and 2 are required.

For each subtype, additional elements 1/1B contain the definition of the time period in which the vehicle was produced according to the combination of the model and optional equipment contained in the SilverDAT €uropa-Code®. Based on the relevant details, the production period for each individual vehicle is narrowed down to the month, and the corresponding equipment elements are included as the basis of these details. These two elements also contain all other standard and/or other possible optional equipment for the vehicle identified according to the SilverDAT €uropa-Code®. Additional element 1 contains the equipment for vehicle valuations; additional element 1B contains this for damage calculations.

Additional element 2 contains all the DAT-specific designations for various repair sections (including repairs due to accidents, wear and maintenance) for each main model. These repair sections are each referenced to data processing numbers that are standardised across vehicle brands. Data processing numbers contain DAT-specific designations for spare parts and/or work procedures.

Additional element 3 contains additional, primarily technical information. A data record is issued for each SilverDAT €uropa-Code®, country-specific market index and production year.

Additional element 4 contains all repair sections available as a data processing number, in graphical form for each main model. The repair sections are supplied as SVG files (vector graphics). Multiple repair sections are shown as graphics in an SVG file. The graphics enable the specific features of the various vehicle models to be seen.

Limitations	DAT does not verify third-party data before incorporation (in particular from the data providers AZT, BMF, vehicle manufacturers and importers, GDV, Izmo, KBA etc.). DAT is not liable for ensuring that this third-party data is up to date, complete, correct and usable. DAT is responsible only for compiling the data in a form that can be accessed with the SilverDAT €uropa-Code®.

Access/installation	Use of the licensed product requires an agreement to be in place regarding the SilverDAT data and information system, plus a suitable and working Internet connection. Also possible via interface or monthly FTP download.
Documentation	Manual / SilverDAT compendium

REPAIR COST CALCULATION (CALCULATEPRO)	
Scope of service	SilverDAT calculatePro (vehicle repair calculation)
Version number	**1.55.06 11/2021**
Short description	SilverDAT calculatePro is a web application for calculating vehicle repair costs. The calculation is based on original spare parts, country-specific spare part prices and manufacturers' and importers' guide values for work. To determine painting costs, the manufacturer's paint system (if available), the AZT paint system or the DAT-Eurolack system is used. The vehicle and equipment are identified based on the 17-digit vehicle identification number with an automated VIN request. The vehicle and equipment can also be identified by entering the DAT €uropa-Code or the KBA code. The vehicle can also be selected manually via a search tree. The graphical part selection enables quick and simple recording of damage. For newer types of vehicle, material features are also shown in colour, such as "high-strength steel" or "aluminium". There is also the option to use the rapid repair code selection to assign repair codes manually; for example with a single-letter code to indicate a replacement, repair or potential repair cost expansion. The calculation results can be exported as a PDF document. There is also a print function available with a log and legend. The user can store a wide variety of charging rates as a profile in the system and use these for calculation.
Limitations	The vehicle repair costs determined with SilverDAT calculatePro can only ever represent an approximate value. The actual extent of the costs depends on many different factors on which DAT has no influence, such as the exact condition of the vehicle. DAT is therefore not liable for outputting a completely correct figure for the vehicle repair costs – it is only responsible for calculating the data bases as entered and made available, in line with the service description above. Third-party data is accepted by DAT without being checked. DAT is not liable for ensuring that this third-party data is up to date, complete, correct and usable.
Access/installation	Use of the licensed product requires an agreement to be in place regarding the SilverDAT data and information system. Adobe Flash Player, at least Version 10.0, or HTML5 is required to display the graphical part selection. The system requirements for SilverDAT applications – available at http://www.dat.de/silverdat/systemvoraussetzungen – also apply.

Documentation:	Manual in the application

VALUATION (VALUATEPRO)	
Scope of service	SilverDAT valuatePro
Version number	**1.25.06 11/2021**
Short description	SilverDAT valuatePro is a web application for modelling used vehicle valuation and the purchase and sale process in the vehicle trade. The data for the valuation comes from in-house market research, the real transaction values reported by manufacturers and customers of DAT, and third-party data.
	The vehicle and equipment can be identified based on the 17-digit vehicle identification number with a licensed SilverDAT VIN request, by entering a licensed SilverDAT €uropa-Code, or by using the KBA code. Alternatively, the vehicle can be selected manually via a search tree. The input data (first registration and current mileage) is used as the basis to calculate the dealership sales value and – depending on a profit margin set by DAT or the contracting party – the dealership purchasing value.
	The value of equipment available at a surcharge (optional equipment) is reduced according to the actual cash value or residual value. The contracting party can adjust the relevant depreciation recommendations from DAT at its own discretion. Value-influencing factors, such as condition criteria, repairs and the number of previous owners, can also be recorded and evaluated. The valuation result can be exported as a PDF document in the general layout for end customers and in a log layout for the contracting party.
	The web application also offers processes for creating purchase offers and purchase forms, for vehicle acceptance, marketplace listings, sale offers and sales forms. The details for these are mostly recorded manually by the user and are exported in the relevant process, using the PDF documents with layouts that the user can adapt.
	The valuation is available in the following countries:
	Austria, Bulgaria, Czech Republic, France, Germany, Greece, Hungary, Italy, Romania, Slovakia and Spain.
Limitations	The dealership sales value, profit margin and/or dealership purchasing value calculated with SilverDAT valuatePro can only ever represent an approximate value. The exact value is based on many different factors on which DAT has no influence, such as the exact condition of the vehicle, or the market and sales values, which may be subject to strong fluctuation. Particularly value-influencing factors, such as condition criteria, are sometimes subjective, and objective valuation can only be approximate. DAT is therefore not liable for providing a completely correct valuation of the relevant vehicle – it is only responsible for evaluating the data bases as entered and made available, in line with the service description above.
	The data for the purchase offers, purchase forms, vehicle acceptance, marketplace listing, sale offer and sale forms is mostly entered by the user and is the user's responsibility.

	Third-party data is accepted by DAT without being checked. DAT is not liable for ensuring that this third-party data is up to date, complete, correct and usable.
Access/installation	The system requirements for SilverDAT applications – available at http://www.dat.de/silverdat/systemvoraussetzungen– apply.
Documentation	**Manual in the application**

APPENDIX:
MANUFACTURERS/BRANDS SUPPORTED BY THE VIN REQUEST

- Alfa Romeo
- Alpine
- Abarth
- Audi
- BMW / MINI
- Cadillac
- Chrysler
- Citroën
- Chevrolet
- Cupra
- Dacia
- Dodge
- DS
- Fiat
- Ford
- Honda
- Hyundai
- Iveco Daily
- Jaguar
- KIA
- Lancia
- Land Rover
- Lexus
- MAN
- Mazda
- Mercedes-Benz
- Mitsubishi
- Nissan
- Opel
- Peugeot
- Polestar
- Porsche
- Renault
- Seat
- Škoda
- Smart
- Subaru
- Toyota
- Volkswagen / VW
- Volvo