



# CarPanion Pool car reservation

Time savings, simplification and better data through digital fleet management

- Employees reserve pool cars online or on their smartphone
- Can be combined with digital fleet management
- Can be combined with digital smartbox and digital key boxes
- Can be combined with digital logbook
- Can be combined with digital driver's license control

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# Advantages of the carpanion pool car reservation

Simpler bookings, less effort in the fleet, savings on vehicles, secure storage of keys in key safes

## Poolcar reservation

- Simple booking process for employees (or reception)
- Prioritization of vehicles (electric vehicles) configurable by fleet management
- Booking calendar for fleet management
- Optional: Automatic registration of drivers via single sign-on (MS365)



# Digital logbooks for company cars

## Combination with digital logbook

- Driver recognition and driver registration in the vehicle
- Data protection switch (for private trips)
- Employees only see their own trips
- Automatically receive logbook by e-mail
- Interfaces and cost center allocation

**GPS FLEET SOFTWARE** **Fahrtenbuch A4** **24.02.2022 00:00:00**  
**11.03.2022 23:59:59 - VB-769HL**

Start	Ende	Ges. KM	Privat	Dauer [min]	Extradata
<b>VB-769HL - Fahrzeug - Audi A4 KH - Zentrale</b>					
<b>2022</b>					
<b>Februar</b>					
24.02.2022 06:24:16 Albersdorf 325, 8200 Albersdorf, AUT GPS at Albersdorf 83821.298 km Fahrer: Kl. Haeusler	24.02.2022 06:51:18 Neugensberger Straße 157, 8055 Graz, AUT Büro t-matic Graz 83853.322 km	32	0	00:27:02	Privat: 0
24.02.2022 15:31:41 Neugensberger Straße 157, 8055 Graz, AUT Büro t-matic Graz 83853.322 km Fahrer: Kl. Haeusler	24.02.2022 16:00:38 Schillerstraße 16, 8200 Gleisdorf, AUT 83887.322 km	34	0	00:28:58	Privat: 0
24.02.2022 17:58:37 Schillerstraße 16, 8200 Gleisdorf, AUT 83887.322 km Fahrer: Kl. Haeusler	24.02.2022 18:06:44 Albersdorf 325, 8200 Albersdorf, AUT GPS at Albersdorf 83891.322 km	4	0	00:08:07	Privat: 0
25.02.2022 06:04:18 Albersdorf 325, 8200 Albersdorf, AUT GPS at Albersdorf 83891.322 km Fahrer: Kl. Haeusler	25.02.2022 08:23:59 Fasenerkogelstr. 8, 6840 Schöndorf, AUT 84146.337 km	255	0	02:19:41	Privat: 0
		<b>325</b>	<b>0</b>	<b>03:23:48</b>	

# Pool car reservation function overview

Function	Details
Poolcar reservation	<ul style="list-style-type: none"> <li>Reservations by drivers (with single sign-on)</li> <li>Responsive: On PC, tablet and smartphone</li> <li>Reservations by fleet manager</li> <li>Reservations by reception, department manager</li> <li>Booking-Calendar</li> <li>Booking overviews (vehicle change, ...)</li> </ul>
Vehicle prioritization	<ul style="list-style-type: none"> <li>Prioritization factors</li> <li>E-vehicle prioritization based on range</li> </ul>
Locations	<ul style="list-style-type: none"> <li>Managing multiple locations</li> <li>Users can be assigned to locations</li> </ul>
Booking workflow	<ul style="list-style-type: none"> <li>Mandatory and optional fields</li> <li>Maximum durations</li> <li>With/without simple driver's license query</li> <li>With/without approval by fleet manager</li> <li>Email confirmations of changes</li> <li>Report/document problem cases</li> <li>AI-based driver's license check (optional)</li> </ul>
Digital smartbox	<ul style="list-style-type: none"> <li>Key can only be removed for bookings</li> <li>Online synchronization thanks to IoT SIM card</li> <li>Digital key protocol</li> <li>Easy installation and assembly</li> </ul>
Digital key box	<ul style="list-style-type: none"> <li>Unlock your vehicle securely using a smartphone app and Bluetooth</li> </ul>
Master data	<ul style="list-style-type: none"> <li>Easy logo integration</li> <li>Create, register or deactivate drivers via interface</li> <li>Additional driver data such as cost centers, emails...</li> <li>Automatic creation via APIs</li> <li>Secure entry with MS365 SAML SSO</li> <li>2-factor authentication optional</li> <li>LDAP integration optional</li> </ul>
Telematic integration	<ul style="list-style-type: none"> <li>Can be combined with telematics and digital logbook</li> <li>Data protection compliant logbook</li> <li>Bookings also without telematics (rental car...)</li> <li>Live e-vehicle filling levels for bookings</li> </ul>

# Integration of key boxes

The Carpanion pool car reservation system offers the option of integrating key boxes.

## Smartbox for quick and easy installation

- Simple installation of the key box (only electricity required)
- Driver access to booked vehicle keys only
- Open and return with PIN code (or RFID key)
- Modularly expandable to up to 500 keys or several locations per company



Smartbox with 9 compartments and display



Smartbox extensions for 18 or 42 keys

## Possible uses

- Car key
- Room or locker key
- Safe deposit box function
- Documentation of key removals
- Restrict user access
- DSGVO-compliant key storage



## Digital key box for easy and quick vehicle access

- No modifications to the vehicle necessary
- Digital vehicle access
- Open and close via app on your smartphone
- Open and close vehicles even without an internet connection via Bluetooth



# CarPanion Digital Driving License Check legal requirements

As a managing director/fleet manager, you are personally liable/punishable if employees drive a company vehicle without a valid driver's license (no driving authorization) (depending on local laws applicable).

## Mandatory Driving License Check in Germany and Austria

- The legal framework regarding the driving license check for companies differs between countries, local laws applicable, even between Germany and Austria.
  - In Austria: The managing director or board member is personally liable and can be personally fined if they fail, as representatives of the company, to take all reasonable and possible steps to prevent the direct offender from committing an administrative offense (§ 9 Abs 1 VStG). This personal liability can be delegated to the fleet manager.
  - In Germany, similar stricter rules apply, making regular driving license checks by the employer mandatory.
- For liability reasons, companies MUST NOT forgo regular driving license checks for drivers.
  - The personal liability of managing directors or fleet managers could lead to high costs, expensive liability risks, and personal penalties.
  - A simple reference in the fleet policy, employment contract, or issuing a directive that employees must report any loss of their driving license independently is NOT sufficient.

## Requirements for the Control System

- The driving license control system must be traceable and function even in the absence of the fleet manager.
- Random checks, directives, or simple training are usually NOT sufficient.
- The execution of the controls must be verifiable.

Die zusammengestellten rechtlichen Informationen haben einen rein informativen Charakter und stellen keine verbindliche Rechtsberatung dar (keine Gewähr auf Vollständigkeit, Aktualität oder Richtigkeit). Lassen Sie sich von Ihrem Rechtsbeistand beraten! Unsere Software bietet ein möglichst transparentes digitales Kontrollsystem da, über die rechtliche Anerkennung im Einzelfall entscheidet das Prüfungsorgan/die Behörde.

Personen/Fahrer » Führerscheinprüfung » Liste

Suchen		Person	Prüfungstatus	Zeitspanne							
Suchen		Person	Fällig	Letzte 90 Tage							
Aktion	Fahrer	Person	Prüfungstatus	Prüfungstermin	Initiator	Remote ID	Online-Ergebnis	Online-Ergebnis um	Vor-Ort-Ergebnis	Vor-Ort-Ergebnis um	Bestätigt von
			Online	fällig	2023 13:59	asdf	...				
			Verifiziert	Erlедigt	2023 13:58	asdf	...	Verifiziert	17.11.2023 14:04:28		System
			Offline	fällig	2023 06:54	asdf	...	Fehlgeschlagen	17.11.2023 06:57:38		
	kh				16.11.2023 17:55	asdf	...	Fehlgeschlagen	16.11.2023 17:59:03	Fehlgeschlagen	17.11.2023 13:59:40 asdf



# AI-Driven Driving License Check

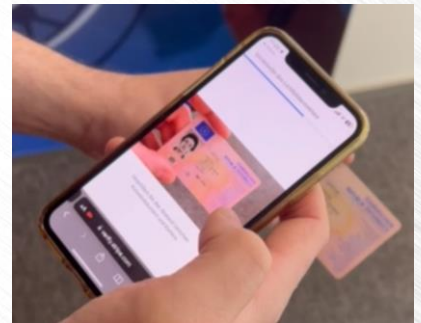
With the AI-supported tool for digital driving license checks, you can make the process of verifying driving permissions for yourself and your employees simpler, more efficient, traceable, and as legally secure as possible.

## Legal Security and Advantages of Digital Driving License Checks

- Traceable digital control system (who was checked, how often, when, by whom).
- Regular checks, independent of location and time, by the responsible persons.
- License checks supported by automatic image recognition (time savings), with fleet managers or vehicle managers on-site.
- Even (old) paper licenses or special formats are supported.
- Data protection-friendly driving license checks (no storage in unprotected folders).

## Künstliche Intelligenz für Führerscheinkontrolle

- Conducted by drivers on their own smartphones or on-site (random checks based on a random principle).
- European driving licenses in card format are “scanned” using image recognition.
- Paper driving licenses or unreadable formats are approved online by the fleet manager or vehicle manager.
- Drivers receive email notifications with instructions and confirmation.
- There is no longer a need to send, store, or file photos or copies of driving licenses manually via email.
- Considerably less time is required for all parties involved due to on-site visits, follow-up questions, phone calls, and filing...



Fleet managers/managing directors can verifiably fulfill the legally required obligation for driving license checks. Thanks to the partially automated digital verification of driving licenses, both drivers and fleet managers save a great deal of working time and administrative effort.

Personen/Fahrer » Führerscheinprüfung » Liste

Suchen  Hinzufügen Export Bericht Optionen Suchen

Person  Prüfungsstatus  Zeitspanne

Aktion	Fahrer	Prüfung	Prüfungsdatum	Initiator	Remote ID	Online-Ergebnis	Online-Ergebnis um	Vor-Ort-Ergebnis	Vor-Ort-Ergebnis um	Bestätigt von
<input type="checkbox"/>		Online	fällig	2023 13:59	asdf					
<input type="checkbox"/>		Verifiziert	Erledigt	2023 13:58	asdf	Verifiziert	17.11.2023 14:04:28			System
<input type="checkbox"/>		Offline	fällig	2023 06:54	asdf	Fehlgeschlagen	17.11.2023 06:57:38			
<input type="checkbox"/>	kh	Offline	fällig	16.11.2023 17:55	asdf	Fehlgeschlagen	16.11.2023 17:59:03	Fehlgeschlagen	17.11.2023 13:59:40	asdf

