



# Insight Cloud4Log Basic Frontend

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In the following an insight into the functionalities of the Cloud4Log Basic frontend is given. Each described functionality can also be integrated in other systems/applications (ERP, WMS, TMS, etc.) via the C4L API.

The display is from the user views of the three roles registered with Cloud4Log (consignor, forwarder, consignee) as well as the driving personnel. The functions of the admin panel are identical for all three roles (consignor, forwarder, consignee) and is executed separately

- Consignor / Outgoing goods
- Driver
- Carrier
- Consignee/ Incoming goods
- Admin Panel

Detailed video tutorials and a description of the Cloud4Log Basic frontend can be found on the Cloud4Log website [www.cloud4log.de](http://www.cloud4log.de) and in the Cloud4Log service description.

# Consignor Outgoing goods

- Creation of bundles
- Upload of delivery notes
- Capture of driver's signature
- Handover of digital delivery notes
- Download of delivery notes (POD)

Presentation of the functionalities of the Cloud4Log Basic frontend



**Cloud4Log**

Powered by BVL & GS1 Germany

**BVL**<sup>7</sup>



# Outgoing goods bundles view

Overview of bundles incl. assigned delivery notes



Search...

Bundles

Delivery notes

Merge bundles

Checkout bundle

Create new bundle

Show closed bundles

Filter Sites (1)

Show/Hide Columns

	Bundle-No.	Bundle name	Actions	Consignor	Carrier	Consignee	Despatch date	Status
<input type="radio"/>	> M.SH-KÖL-23-XQDQ	Name	2	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost		open
<input type="radio"/>	> M.SH-KÖL-23-SCRL	Name	2	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost		open
<input type="radio"/>	> M.SH-KÖL-23-79JA	Name	1	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost		open
<input type="checkbox"/>	> M.SH-KÖL-23-29BW		1	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	22.09.2023	sent
<input type="checkbox"/>	> M.SH-KÖL-23-UBI2		2	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	TestM1 - TestM1 S1	22.09.2023	sent
<input type="checkbox"/>	> M.SH-KÖL-23-D63B		1	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	22.09.2023	sent
<input type="radio"/>	> M.SH-KÖL-23-DKTS	Name	2	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost		open
<input type="radio"/>	> M.SH-KÖL-23-GLHS	Name	2	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost		open
<input type="checkbox"/>	> M.SH-KÖL-23-RGGE		2	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	21.09.2023	sent
<input type="radio"/>	> M.SH-KÖL-23-XEAE	Name	2	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost		open

# Process bundle creation

The screenshot displays the 'Outgoing goods' interface for 'ShipOne (Köln Versandzentrum Ost)'. The 'Supply Chain' tab is active, showing three selection panels:

- Consignor:** From where will the goods be shipped? Options include 'ShipOne (Köln Versandzentrum Ost)' and 'ShipOne (Aachen Versandzentrum)'. The first option is selected.
- Carrier:** Which carrier should deliver the goods? Options include 'ShipOne (Köln Versandzentrum Ost)', 'LogOne (Köln)', and several 'tsi-uat.u2.sp' and 'tsi-uat.u4.ex' entries. The first option is selected.
- Consignee:** Where should the goods be delivered? Options include 'ShipOne (Köln Versandzentrum Ost)', 'TestM1 (TestM1 S1)', and several 'tsi-uat.u3.we' and 'gs1-uat.u3.we' entries. The first option is selected.

- When a bundle is created, a consignor location, carrier location and consignee location are selected.
- A bundle always exists in a 1:1:1 ratio (1 consignor: 1 carrier: 1 consignee).

# Upload delivery notes

The screenshot shows the 'Outgoing goods' interface for 'ShipOne (Köln Versandzentrum Ost)'. The user is logged in as 'Arnold Admin'. The main navigation includes 'Supply Chain', 'Delivery Notes', 'Load Carriers', 'Hand over bundle(s)', and 'Checkout'. A 'Close' button is visible in the top right corner.

An information message states: 'Valid delivery note numbers can be alpha-numeric and 3 to 60 characters long. The order number may only contain digits and may be 3 to 60 characters long.'

Two delivery notes are listed for upload:

File Name	Delivery note number	Order number *	Advised delivery date
<a href="#">DNO_20220921ONO_48894352.pdf</a>	20220921	48894352	<input type="text"/>
<a href="#">DNO_20220925ONO_08151345.pdf</a>	20220925	08151345	<input type="text"/>

A 'Start upload' button is located below the list.

On the left, there is a large area for uploading delivery notes with the text: 'Upload delivery notes', 'Drag/Drop delivery notes here or Select a file'.

- The order number and delivery note number are mandatory data for uploading a delivery bill.
- Any number of delivery notes can be added to a bundle.
- Optionally, an advised delivery date can be specified

# (Optional) Recording of load carrier exchange

The screenshot shows the 'Load Carriers' tab in the GS1 ShipOne system. The interface is for recording load carriers for a delivery note (20220921). It features a table with the following columns: 'Select load carrier', 'Quantity', 'Adoption', 'Delivery', 'Load carrier is damaged', and 'Description'. The 'Delivery' status is selected for all entries. Below the table, there are buttons for '+ Add load carriers' and 'Photos', and a 'Saved' button. The interface also shows a 'Back' button and a 'Next' button.

Select load carrier*	Quantity*	Adoption	Delivery	Load carrier is damaged	Description
Europalette	30	Adoption	Delivery	<input type="checkbox"/>	Description
Europalette	30	Adoption	Delivery	<input type="checkbox"/>	Description
H1-Palette	3	Adoption	Delivery	<input type="checkbox"/>	Description
H1-Palette	3	Adoption	Delivery	<input type="checkbox"/>	Description

- The recording of the load carrier exchange is optional

# (Optional) Capture driver details

GS1 Germany

Outgoing goods  
ShipOne (Köln Versandzentrum Ost)

English Arnold Admin Admin Panel

Close

Supply Chain Delivery Notes Load Carriers **Hand over bundle(s)** Checkout

Despatch date 26.09.2023 Bundle-No. M.SH-KÖL-23-7YHG

Consignee  
ShipOne - Köln Versandzentrum Ost

Carrier  
ShipOne - Köln Versandzentrum Ost

Consignor  
ShipOne - Köln Versandzentrum Ost

Driver's name & license plate (optional)

What is the driver's name?  
Driver

License plate  
K-KLO-45

Send access link to the driver (optional)  
Send access link to the driver directly via his e-mail address.

E-Mail

Save

< Back Hand over Bundle >

- The capturing of driver details (name and license plate number) is optional.



# Check-out and signing off by driver

GS1 Germany | Outgoing goods | ShipOne (Köln Versandzentrum Ost) | English | Arnold Admin | Admin Panel | Close

Supply Chain | Delivery Notes | Load Carriers | Hand over bundle(s) | **Checkout**

### Checkout details

Load Carriers | Delivery Notes

^ Delivery Note - 20220921


Adoption	30	Europalette
Delivery	30	Europalette
Adoption	3	H1-Palette
Delivery	3	H1-Palette

0 / 30 Attachments

v Delivery Note - 20220925

< Back


### Driver's signature



E6859EF

With your signature you confirm your knowledge of the recorded deviations.

Sign here or scan QR code



Submit & take over goods

- Capture of the driver's signature
  - a) via signing pad/tablet or
  - b) Outsourcing of the confirmation to the driver's device

# Handover access link to driver


Despatch date  
26.09.2023

Bundle-No.  
M.SH-KÖL-23-7YHG

Consignee  
ShipOne - Köln Versandzentrum Ost

Carrier  
ShipOne - Köln Versandzentrum Ost

Consignor  
ShipOne - Köln Versandzentrum Ost



### Scan QR-Code

Scan the QR code with your smartphone camera and add the ticket to your Wallet.

### Send ticket by e-mail

Send the ticket directly to the driver by e-mail

E-Mail \*

Invite driver via e-mail

Print QR-Ticket

Print all delivery notes

# Download delivery notes

GLN\_4052232000002DNO\_20220921ONO\_48894352 (7).pdf

1 / 3 75%

LSN: 20220921 Versanddatum: 12.04.2023 MapperNr: M.GS-KOL-23-LDIO  
BestellNr: 48894352

**Lieferschein PDF Seite 1/1**

**Firmenname - Musterstraße 51 - 12345Stadt**  
Mustermann GmbH  
Herrn Max Mustermann  
12345 Stadthausen

**Firmenname**  
Musterstraße 51  
12345 Stadt  
Tel.: 0211 12345 67  
E-Mail: info@domain.de  
Internet: www.domain.de

**Lieferschein**

LieferNr.: 20220921 BestellNr.: 48894352 Kunden-Nr.: 1003 Datum: Heute

Vielen Dank für Ihre Bestellung. Wir liefern Ihnen wie vereinbart folgende Waren:

Pos	Art.-Nr.	Artikelbezeichnung	Liefermenge
1	16573947	Schokolade	3 Palette
2	28465793	Gummibärchen	20 Stück
3	27589734	Schokomüsli	10 Kollis
4	28364759	Früchtemüsli	8 Paletten
5	27384956	Haferflocken	40 Kollis
6	29475539	Schokoladenriegel	3 Paletten
7	28394675	Kekse	2 Paletten

Die gelieferte Ware bleibt bis zur vollständigen Bezahlung unser Eigentum.  
Kostenlose Rechnungsvorlage von <http://rechnungen-mustler.de>.

Musterfirma  
Hr. Max Mustermann  
Musterstraße 12  
12345 Stadthausen

Vollbank AG  
BIC: 25120330  
KTO: 2345678  
KTO/Hr. Max Mustermann

IBAN: DE37 2124 5478 9999 9999 99  
BIC: AG2020

Steuer-Nr.: 12345678  
Frankfurt KdN

- Delivery notes automatically receive the following file name when downloaded :  
„GLN\_(GLN consignor)DNO\_(Lieferscheinnummer/Delivery No.)ONO\_(Bestellnummer/ Order No.)

# Download delivery notes

GLN\_4052232000002DNO\_20220921ONO\_48894352 (7).pdf 2 / 3 75%

LSN#: 20220921 Versanddatum: 12.04.2023 Meppen/ Nr: M-GS-KOL-23-LDO  
BestellNr: 48894352

Typ	Anzahl	Richtung	Bemerkung	Beschädigt
Europalette	30	Annahme		Nein
Europalette	30	Abgabe		Nein
H1-Palette	3	Annahme		Nein
H1-Palette	3	Abgabe		Nein
Europalette	29	Annahme		Nein
Europalette	29	Abgabe		Nein
DDP Haltpalette	4	Annahme		Nein
DDP Haltpalette	4	Abgabe		Nein
Europalette	1	Abgabe	Schrott	Ja

Position	Anzahl	Art	Einheit
1	1	Annahmeverweigerung	Palette
3	1	Untertieferung	Koll

2023-04-12 14:24:40 CEST 2023-04-13 11:36:34 CEST  
GS1 Germany Admin Lars Luster, K-OK-4321

*Fahrer* *WE-~~...~~* *Fahrer*

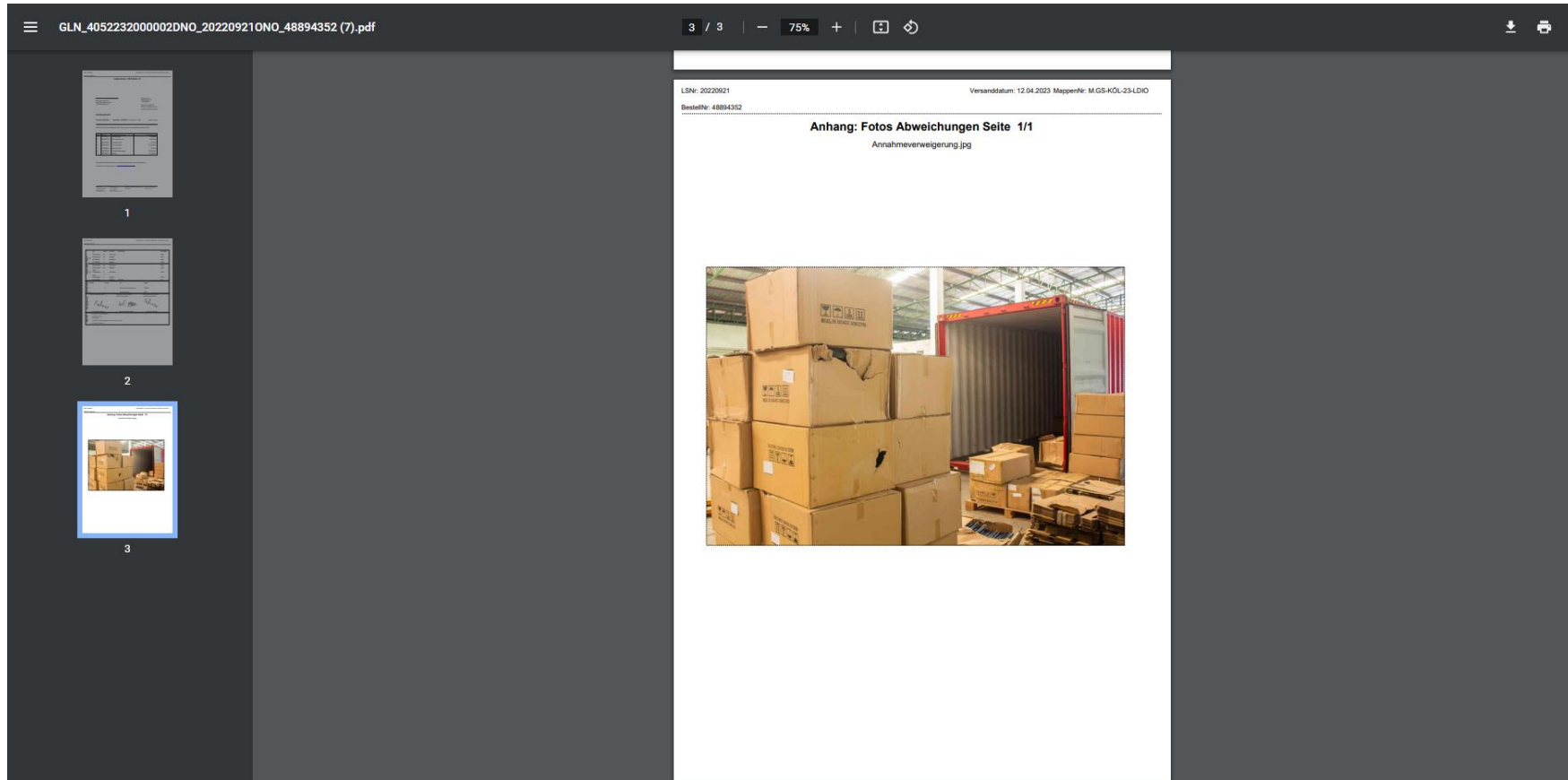
Fahrer Warenausgang Wareneingangsmitarbeiter Fahrer Wareneingang

**ANHÄNGE**

- 0 Foto(s) von Ladungsträgern
- 0 Foto(s) von Abweichung(en)
- 0 WE-Befolge
- 1 Foto(s) von Abweichung(en) Annahmeverweigerung.jpg
- 0 Foto(s) von Abweichung(en)

- All notes and deviations recorded in the process are displayed on a delivery note (load carrier exchange, deviations, signatures, attachments)

# Download delivery notes



- All notes and deviations recorded in the process are displayed on a delivery note (load carrier exchange, deviations, signatures, attachments)

# Driver

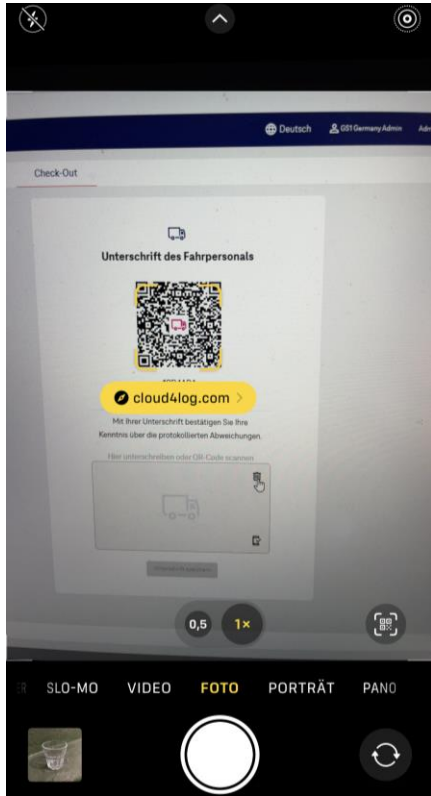
- Access link to digital delivery notes via wallet element

Presentation of the functionalities of the Cloud4Log Basic frontend

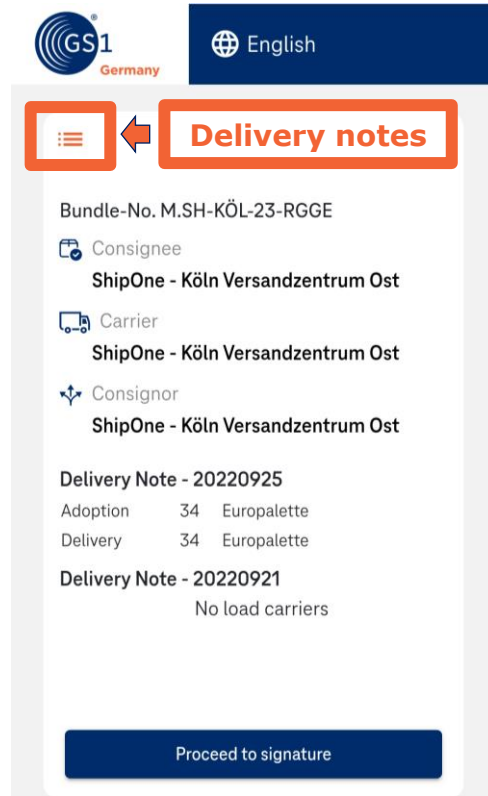


# Process confirmation driver

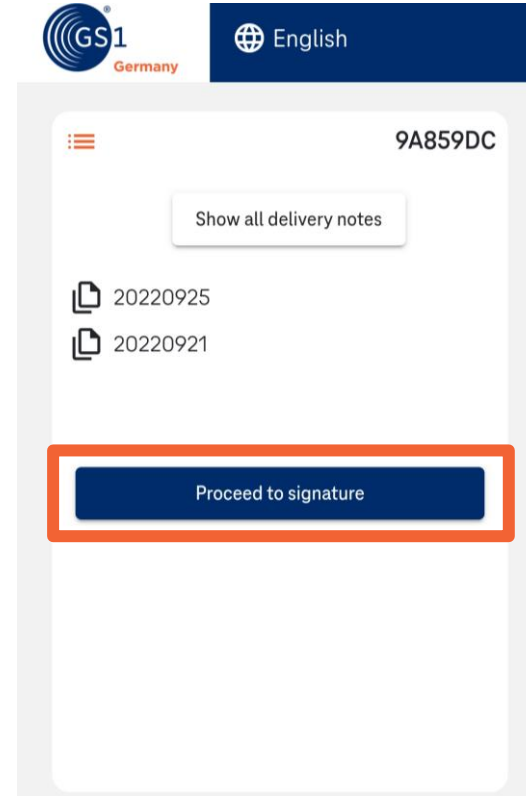
Note: The images shown were recorded with an IOS device. The display in a device with Android system differs slightly visually.



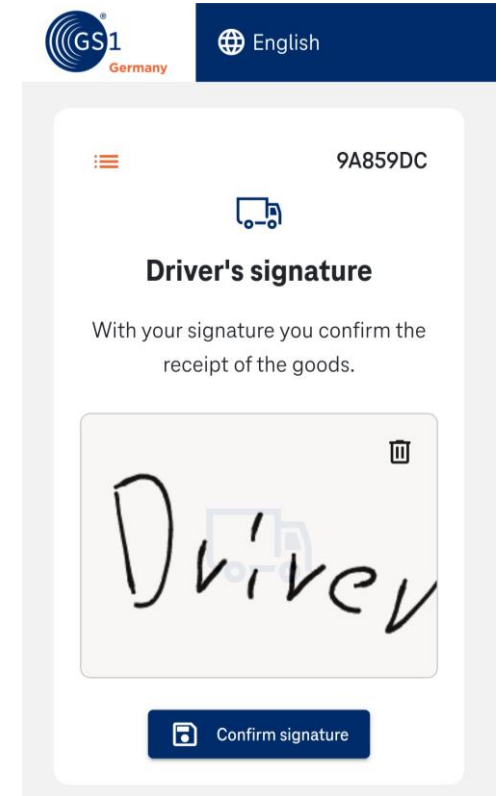
Scan QR-Code with mobile phone camera



Check delivery notes



Confirmation by driver



# Process confirmation driver

Note: The images shown were recorded with an IOS device. The display in a device with Android system differs slightly visually.

The screenshots illustrate the following steps:

- Step 1:** "Your ticket is ready!" screen with "Hinzufügen zu Google Wallet" and "Hinzufügen zu Apple Wallet" buttons.
- Step 2:** "Add" button highlighted in an orange box.
- Step 3:** "Done" screen with a "Call" icon highlighted in an orange box.
- Step 4:** "Cloud4Log" pass in the wallet with details like "Remove Pass", "Share wallet invite link", and "Call carrier".

Saving the access link as a wallet element

Add to (Apple) Wallet

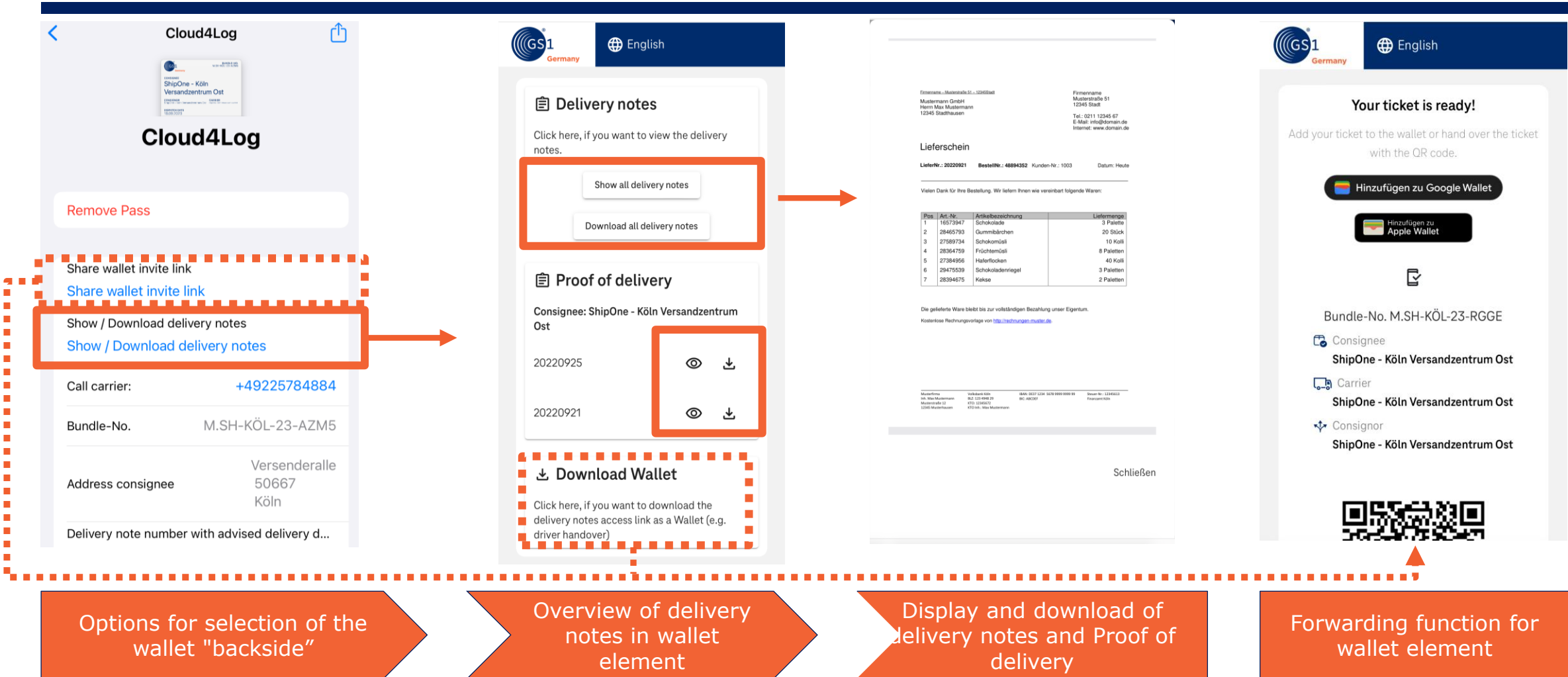
Call wallet element from wallet

Call Wallet "Card details"



# Process driver

Note: The images shown were recorded with an IOS device. The display in a device with Android system differs slightly visually.



# Download proof of delivery (Driver)

GLN\_4200815000011DNO\_20220925ONO\_08151345.pdf

1 / 3 | 78%

LSN: 20220925 Versanddatum: 18.09.2023 MappenNr: M.SH-KOL-23-AZM5  
BestellNr.: 08151345

**Lieferschein PDF Seite 1/1**

Firmenname - Musterstraße 51 - 12345Stadt  
Mustermann GmbH  
Herrn Max Mustermann  
12345 Stadthausen

Firmenname  
Musterstraße 51  
12345 Stadt  
Tel.: 0211 12345 67  
E-Mail: info@domain.de  
Internet: www.domain.de

**Lieferschein**

**LieferNr.:** 20220925 **BestellNr.:** 08151345 **Kunden-Nr.:** 1003 **Datum:** Heute

Vielen Dank für Ihre Bestellung. Wir liefern Ihnen wie vereinbart folgende Waren:

Pos.	Art.-Nr.	Artikelbezeichnung	Liefermenge
1	16573945	Shampoo	25 Kolli
2	28465798	Zahncreme	2 Paletten
3	27589734	Zahnbürste	100 Stück
4	28364759	Rasierschaum	3 Paletten
5	27384956	Duschgel	40 Kolli
6	29475539	Handseife	5 Paletten
7	28394675	Toilettenpapier	4 Paletten

Die gelieferte Ware bleibt bis zur vollständigen Bezahlung unser Eigentum.  
Kostenlose Rechnungsvorlage von <http://rechnungen-muster.de>

Musterfirma  
Inh. Max Mustermann  
Musterstraße 12  
12345 Musterhausen

Vollbank Kdn  
BLZ: 123 4567 89  
KTO: 12345678  
KTO Inh.: Max Mustermann

IBAN: 08 37 1234 5678 9999 9999 99  
BIC: ABCDEF

Steuer-Nr.: 12345678  
Finanzamt Kdn

- Delivery notes automatically receive the following file name when downloaded :  
„GLN\_(GLN consignor)DNO\_(Lieferscheinnummer/Delivery No.)ONO\_(Bestellnummer/ Order No.)

# Download proof of delivery (Driver)

The screenshot displays a PDF document titled "GLN\_420081500001DNO\_20220925ONO\_08151345.pdf". The document contains a delivery note with the following sections:

**LSN: 20220925**      **Versanddatum: 18.09.2023**      **MappenNr: M.SHKOL-23-AZM5**  
**BestellNr: 08151345**

**LADUNGSTRAGERTAUSSCH**

Typ	Anzahl	Richtung	Bemerkung	Beschädigt
WA	Europalette	34	Annahme	Nein
WA	Europalette	34	Abgabe	Nein
WE	Europalette	33	Annahme	Nein
WE	Europalette	33	Abgabe	Nein
WE	Europalette	1	Annahme	Ja

**ABWEICHUNGEN**

Position	Anzahl	Art	Einheit
2	1	Annahmeverweigerung	Palette

**UNTERSCHRIFTEN**

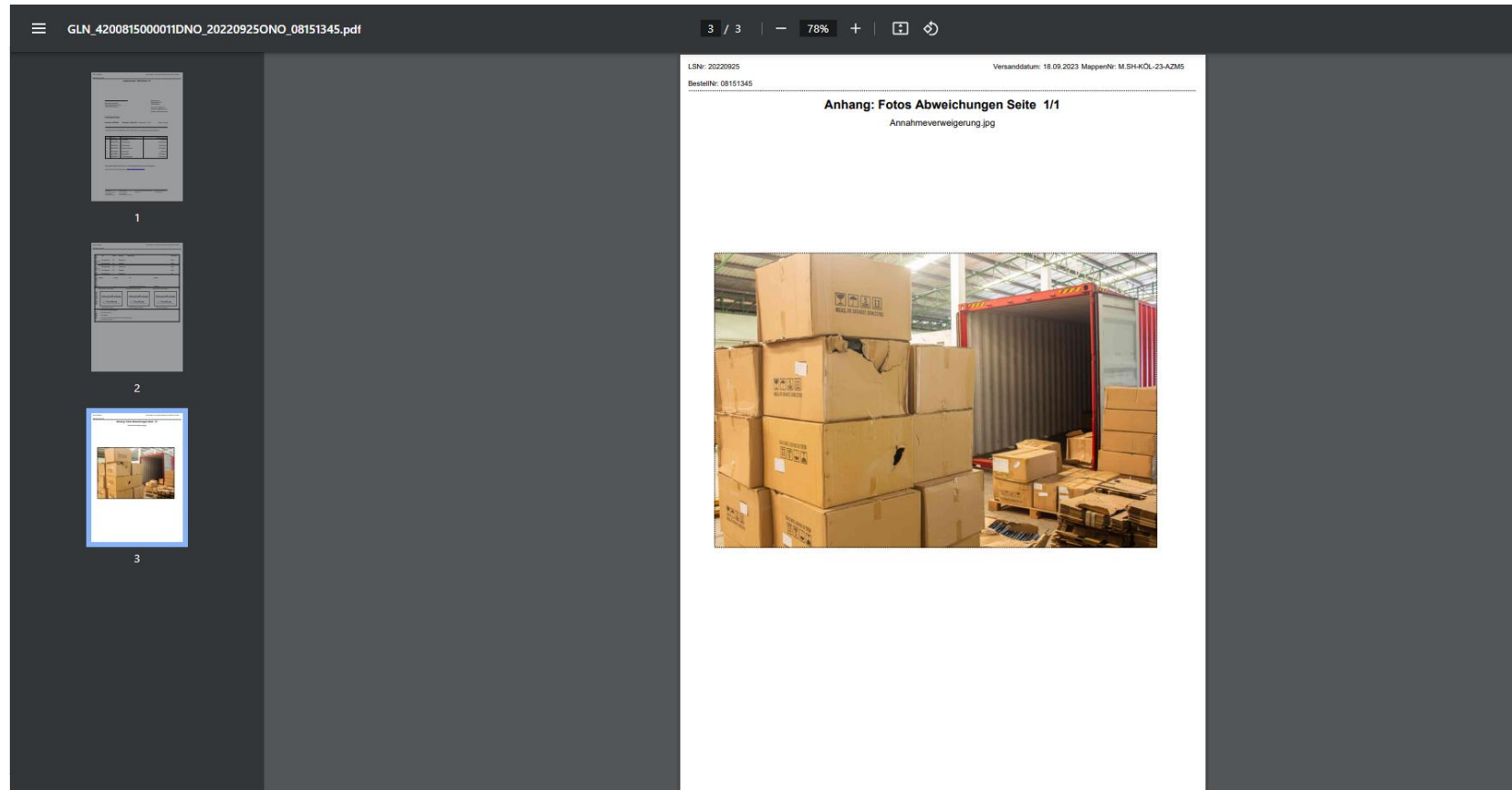
Fahrer Warenausgang	Wareneingangsmitarbeiter	Fahrer Wareneingang

**ANHÄNGE**

- 0 Foto(s) von Ladungsträgern
- 0 Palettschein(e)
- 0 WE-Beläge
- 1 Foto(s) von Abweichung(en)/Annahmeverweigerung.jpg
- 0 Fotoabweichung(en)

- All notes and deviations recorded in the process are displayed on a delivery note (load carrier exchange, deviations, signatures, attachments)
- Signatures are hidden due to the GDPR
- A C4L stamp confirms that a signature has been made in the process

# Download proof of delivery (Driver)



- All notes and deviations recorded in the process are displayed on a delivery note (load carrier exchange, deviations, signatures, attachments)

# Consignee Incoming goods


- Checkin process
- Recording and documentation of deviations-
- Recording of confirmations (WE employees and driver)
- Download of delivery notes (POD)

Presentation of the functionalities of the Cloud4Log Basic frontend



# Outgoing goods bundles view






































## Overview of bundles incl. assigned delivery notes

 **Incoming goods**  
ShipOne (Köln Versandzentrum Ost)
English Arnold Admin Admin Panel ↗

Bundles
Tours
Delivery notes

Checkin bundle
Scan Wallet

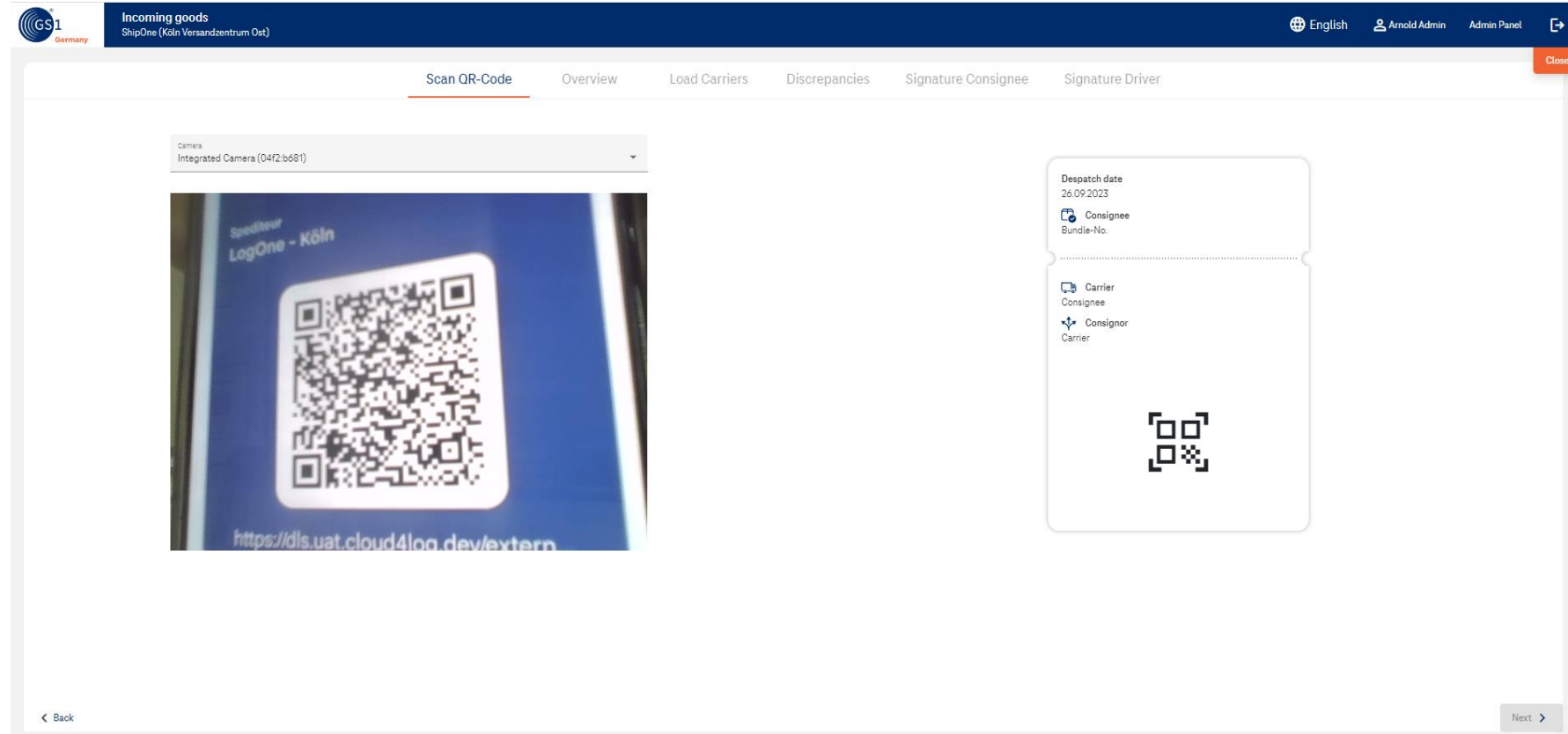
Show closed bundles Filter Sites (1) Show/Hide Columns

Bundle-No.	Bundle name	Actions	Consignor	Carrier	Consignee	Despatch date	Status																					
○ ▾ M.SH-KÖL-23-7YHG		2  	ShipOne - Köln Versandzentrum Ost 	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	26.09.2023	sent																					
			<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Delivery note No.</th> <th style="width: 15%;">Order-No.</th> <th style="width: 15%;">Advised delivery date</th> <th style="width: 15%;">Date of receipt</th> <th style="width: 15%;">Status</th> <th style="width: 15%;">Discrepancies</th> <th style="width: 15%;">Pallet note</th> </tr> </thead> <tbody> <tr> <td>20220921</td> <td>48894352</td> <td>27.09.2023</td> <td></td> <td>sent</td> <td></td> <td></td> </tr> <tr> <td>20220925</td> <td>08151345</td> <td>28.09.2023</td> <td></td> <td>sent</td> <td></td> <td></td> </tr> </tbody> </table>	Delivery note No.	Order-No.	Advised delivery date	Date of receipt	Status	Discrepancies	Pallet note	20220921	48894352	27.09.2023		sent			20220925	08151345	28.09.2023		sent						
Delivery note No.	Order-No.	Advised delivery date	Date of receipt	Status	Discrepancies	Pallet note																						
20220921	48894352	27.09.2023		sent																								
20220925	08151345	28.09.2023		sent																								
> M.SH-KÖL-23-E9TZ		2  	ShipOne - Köln Versandzentrum Ost 	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost 	26.09.2023	closed 																					
> M.SH-KÖL-23-EEUS	LIDL	2  	ShipOne - Köln Versandzentrum Ost 	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost 	26.09.2023	closed 																					
○ > M.SH-AAC-23-SV9W		1  	ShipOne - Aachen Versandzentrum	LogOne - Köln	ShipOne - Köln Versandzentrum Ost	22.09.2023	sent																					
> M.SH-KÖL-23-KMME		2  	ShipOne - Köln Versandzentrum Ost 	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost 	22.09.2023	closed 																					
○ > M.SH-KÖL-23-29BW		1  	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	22.09.2023	sent																					
○ > M.SH-KÖL-23-D63B		1  	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	22.09.2023	sent																					
○ > M.SH-KÖL-23-RGGE		2  	ShipOne - Köln Versandzentrum Ost 	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	21.09.2023	sent																					
> M.SH-KÖL-23-D00Q		2  	ShipOne - Köln Versandzentrum Ost 	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost 	21.09.2023	closed 																					
> M.SH-KÖL-23-WLMN	BDB-Demo	2  	ShipOne - Köln Versandzentrum Ost 	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost 	21.09.2023	closed 																					

⏪ < 1 - 10 of 29 > ⏩

# Start Check-In Process

Scanning of the driver wallet element or dedicated opening of a bundle or tour



- WE employee scans QR code of the driver (from wallet element) and starts checkin process

# (Optional) Capture driver details

**Incoming goods**  
ShipOne (Köln Versandzentrum Ost)

English Arnold Admin Admin Panel Close

Overview Load Carriers Discrepancies Signature Consignee Signature Driver

Despatch date: 26.09.2023 Bundle-No.: M.SH-KÖL-23-7YHG  
Consignee: ShipOne - Köln Versandzentrum Ost  
Carrier: ShipOne - Köln Versandzentrum Ost  
Consignor: ShipOne - Köln Versandzentrum Ost

QR Code

Information:  
**Driver's name & license plate**

What is the driver's name?  
Firstname Lastname

License plate  
e.g. HH CD 1001

Save

Delivery Notes

- Delivery Note 20220921
- Delivery Note 20220925

Back Next

- The capturing of driver details (name and license plate number) is optional



# (Optional) Recording of load carrier exchange

The screenshot displays the 'Incoming goods' system interface for recording load carrier exchange. The main content area is titled 'Load carriers for delivery note: 20220921'. It features two rows of input fields for 'Select load carrier\*\*' (both set to 'Europalette') and 'Quantity\*' (both set to '3'). Each row has 'Adoption' and 'Delivery' buttons. There are checkboxes for 'Load carrier is damaged' and 'Description' fields with trash icons. A 'Save' button is at the bottom right. A warning message 'There are unsaved changes' is visible. Navigation buttons 'Back' and 'Next' are at the bottom left and right respectively.

- The recording of the load carrier exchange is optional
- In addition, damage images and pallet notes can be added.

# Recording of discrepancies

with annex of damage pictures if necessary

The screenshot displays the GS1 ShipOne web interface for recording discrepancies. The top navigation bar includes 'Overview', 'Load Carriers', 'Discrepancies', 'Signature Consignee', and 'Signature Driver'. A notification at the top right states 'The discrepancies were saved successfully.' The main content area is divided into two sections: 'Discrepancies' and 'Lieferschein' (Delivery Note).

**Discrepancies Section:**

**Delivery Note 20220921**

Position/Article*	Type of discrepancy*	Amount*	Unit*
1	Delivered but not advised	1	Pallet
3	Refusal of delivery	2	Piece

Buttons: + Add discrepancy, + Add goods receipt, Add photos, Saved

0 / 30 Attachments

**Delivery Note 20220925**

Buttons: + Add discrepancy, + Add goods receipt, Add photos, Saved

0 / 30 Attachments

**Lieferschein Section:**

20220921

Mustermann GmbH  
Herr Max Mustermann  
12345 Stadthausen

musterstraße 1  
12345 Stadt  
Tel.: 0211 12345 67  
E-Mail: info@domain.de  
Internet: www.domain.de

LieferNr.: 20220921 BestellNr.: 48894352 Kunden-Nr.: 1003 Datum: Heute

Vielen Dank für Ihre Bestellung. Wir liefern Ihnen wie vereinbart folgende Waren:

Pos	Art.-Nr.	Artikelbezeichnung	Liefermenge
1	16573947	Schokolade	3 Palette
2	28465793	Gummibärchen	20 Stück
3	27589734	Schokomüsli	10 Kolli
4	28364759	Früchtemüsli	8 Paletten
5	27384956	Haferflocken	40 Kolli
6	29475539	Schokoladenriegel	3 Paletten
7	28394675	Kekse	2 Paletten

Die gelieferte Ware bleibt bis zur vollständigen Bezahlung unser Eigentum.

Next >

Recording of discrepancies  
article/item level or by attaching a GR document  
(indicating whether variances are included).

# Confirmation by Incoming goods employee



## Check-In details:

Please check all infos!

Discrepancies Load Carriers Delivery Notes

The delivery notes contain: **2 Discrepancies**

### ^ Delivery Note - 20220921

1	Delivered but not advised	1	Pallet
3	Refusal of delivery	2	Piece

2 Discrepancies

### ^ Delivery Note - 20220925

No discrepancies

[Back](#)

[Next](#)

### Signature Consignee

With your signature you confirm your acknowledgement of the recorded remarks.

# Confirmation by driver



Incoming goods  
ShipOne (Köln Versandzentrum Ost)

English

Arnold Admin

Admin Panel



Close

Overview

Load Carriers

Discrepancies

Signature Consignee

Signature Driver

## Check-In details:

Please check all infos!

Discrepancies

Load Carriers

Delivery Notes

The delivery notes contain: 2 Discrepancies

Delivery Note - 20220921 2 Discrepancies

1	Delivered but not advised	1	Pallet
3	Refusal of delivery	2	Piece

Delivery Note - 20220925 No discrepancies

- Capture of the driver's signature
  - a) via signing pad/tablet or
  - b) Outsourcing of the confirmation to the driver's device



Driver's signature



With your signature you confirm your acknowledgement of the recorded remarks.



Submit signature & accept discrepancies

# End Checkin Prozess



Incoming goods  
ShipOne (Köln Versandzentrum Ost)

Delivery note(s) have been checked in successfully

Search...

Bundles Tours Delivery notes

Checkin bundle Scan Wallet

Show closed bundles

	Bundle-No.	Bundle name	Actions	Consignor	Carrier	Consignee	Despatch date	Status
>	M.SH-KÖL-23-7YHG		2 ↓ 👁	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	26.09.2023	closed ⚠
>	M.SH-KÖL-23-E9TZ		2 ↓ 👁	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	26.09.2023	closed ⚠
>	M.SH-KÖL-23-EEUS	LIDL	2 ↓ 👁	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	26.09.2023	closed ⚠
○ >	M.SH-AAC-23-SV9W		1 ↓ 👁	ShipOne - Aachen Versandzentrum	LogOne - Köln	ShipOne - Köln Versandzentrum Ost	22.09.2023	sent
>	M.SH-KÖL-23-KMME		2 ↓ 👁	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	22.09.2023	closed ⚠
○ >	M.SH-KÖL-23-29BW		1 ↓ 👁	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	22.09.2023	sent
○ >	M.SH-KÖL-23-D63B		1 ↓ 👁	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	22.09.2023	sent
○ >	M.SH-KÖL-23-RGGE		2 ↓ 👁	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	21.09.2023	sent
>	M.SH-KÖL-23-DOQQ		2 ↓ 👁	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	21.09.2023	closed ⚠
>	M.SH-KÖL-23-WLMN	BDB-Demo	2 ↓ 👁	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	21.09.2023	closed ⚠

Saving the driver's signature completes the checkin process of the delivery notes. The delivery notes with all recorded deviations and attached images are available for the consignor, carrier, and consignee to view and download.

# Download delivery notes

GLN\_4052232000002DNO\_20220921ONO\_48894352 (7).pdf

1 / 3 75%

LSN: 20220921 Versanddatum: 12.04.2023 MapperNr: M.GS-KOL-23-LDIO  
BestellNr: 48894352

**Lieferschein PDF Seite 1/1**

**Firmenname - Musterstraße 51 - 12345Stadt**  
Mustermann GmbH  
Herrn Max Mustermann  
12345 Stadthausen

**Firmenname**  
Musterstraße 51  
12345 Stadt  
Tel.: 0211 12345 67  
E-Mail: info@domain.de  
Internet: www.domain.de

**Lieferschein**

LieferNr.: 20220921 BestellNr.: 48894352 Kunden-Nr.: 1003 Datum: Heute

Vielen Dank für Ihre Bestellung. Wir liefern Ihnen wie vereinbart folgende Waren:

Pos	Art.-Nr.	Artikelbezeichnung	Liefermenge
1	16573947	Schokolade	3 Palette
2	28465793	Gummibärchen	20 Stück
3	27589734	Schokomüsli	10 Kollis
4	28364759	Früchtemüsli	8 Paletten
5	27384956	Haferflocken	40 Kollis
6	29475539	Schokoladenriegel	3 Paletten
7	28394675	Kekse	2 Paletten

Die gelieferte Ware bleibt bis zur vollständigen Bezahlung unser Eigentum.  
Kostenlose Rechnungsvorlage von <http://rechnungen-mustler.de>.

Musterfirma  
Hr. Max Mustermann  
Musterstraße 12  
12345 Stadthausen

Vollbank AG  
BIC: 23240000  
KTO: 2345672  
KTO/Hr. Max Mustermann

IBAN: DE37 2124 5478 9999 9999 99  
BIC: 482000

Steuer-Nr.: 12345678  
Freizeithaus Köln

- Delivery notes automatically receive the following file name when downloaded :  
„GLN\_(GLN consignor)DNO\_(Lieferscheinnummer/Delivery No.)ONO\_(Bestellnummer/ Order No.)

# Download delivery notes

GLN\_4052232000002DNO\_20220921ONO\_48894352 (7).pdf 2 / 3 75%

LSN#: 20220921 Versanddatum: 12.04.2023 Meppen/ Nr. MGS-KOL-23-LDO  
BestellNr: 48894352

Typ	Anzahl	Richtung	Bemerkung	Beschädigt
Europalette	30	Annahme		Nein
Europalette	30	Abgabe		Nein
H1-Palette	3	Annahme		Nein
H1-Palette	3	Abgabe		Nein
Europalette	29	Annahme		Nein
Europalette	29	Abgabe		Nein
DDP Haltpalette	4	Annahme		Nein
DDP Haltpalette	4	Abgabe		Nein
Europalette	1	Abgabe	Schrott	Ja

Position	Anzahl	Art	Einheit
1	1	Annahmeverweigerung	Palette
3	1	Untertieferung	Koll

2023-04-12 14:24:40 CEST 2023-04-13 11:36:34 CEST  
GS1 Germany Admin Lars Luster, K-OK-4321

*Fahrer* *WE-~~...~~* *Fahrer*

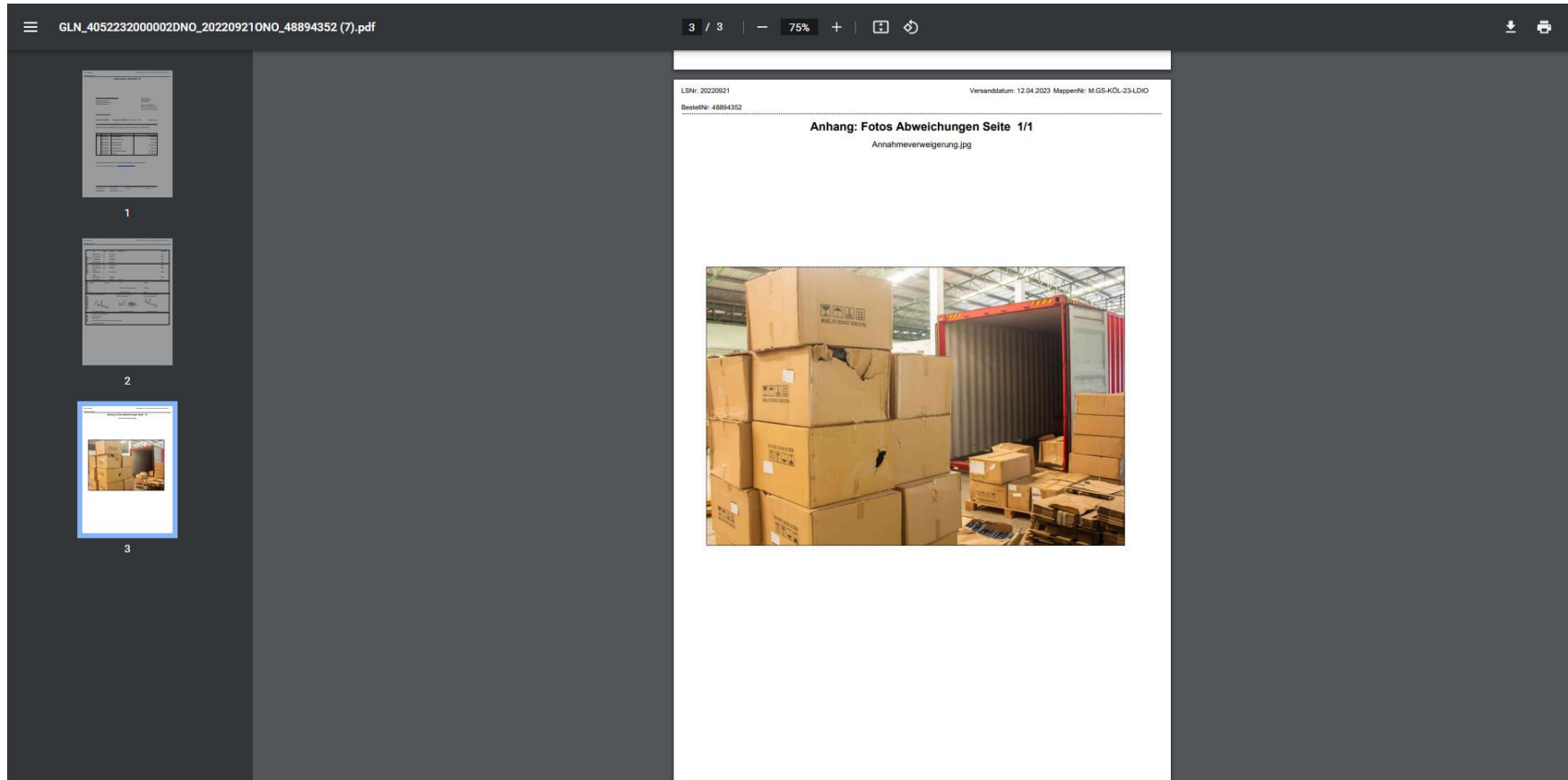
Fahrer Warenausgang Wareneingangsmitarbeiter Fahrer Wareneingang

**ANHÄNGE**

- 0 Foto(s) von Ladungsträgern
- 0 Foto(s) von Abweichung(en)
- 0 WE-Befolge
- 1 Foto(s) von Abweichung(en) Annahmeverweigerung.jpg
- 0 Foto(s) von Abweichung(en)

- All notes and deviations recorded in the process are displayed on a delivery note (load carrier exchange, deviations, signatures, attachments)

# Download delivery notes



- All notes and deviations recorded in the process are displayed on a delivery note (load carrier exchange, deviations, signatures, attachments)



# Carrier

- Checkin Process
- Recording and documentation of discrepancies
- Recording of confirmations (GR employees and driver)
- Download of delivery notes (POD)



# Carrier – bundles view

## Overview of bundles incl. assigned delivery notes



Carrier  
ShipOne (Köln Versandzentrum Ost)

English Arnold Admin Admin Panel

Search...

Bundles

Tours

Delivery notes

Share viewing rights to delivery notes

Plan Tour

Show closed bundles

Show/Hide Columns

Bundle-No.	Bundle name	Actions	Consignor	Carrier	Consignee	Despatch date	Status
> M.SH-KÖL-23-7YHG		2	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	26.09.2023	closed
> M.SH-KÖL-23-E9TZ		2	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	26.09.2023	closed
> M.SH-KÖL-23-EEUS	LIDL	2	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	26.09.2023	closed
> M.SH-KÖL-23-KMME		2	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	22.09.2023	closed
> M.SH-KÖL-23-29BW		1	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	22.09.2023	sent
> M.SH-KÖL-23-UBI2		2	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	TestM1 - TestM1 S1	22.09.2023	sent
> M.SH-KÖL-23-D63B		1	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	22.09.2023	sent
> M.SH-KÖL-23-RGGE		2	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	21.09.2023	sent
> M.SH-KÖL-23-D0QQ		2	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	21.09.2023	closed
> M.SH-KÖL-23-WLMN	BDB-Demo	2	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	21.09.2023	closed

1 - 10 of 28

# Share rights for delivery notes

Carrier: ShipOne (Köln Versandzentrum Ost)

English | Arnold Admin | Admin Panel

### Share delivery note permissions

Share rights to delivery notes with selected site \*

Search...

Bundles | Delivery notes

Share delivery notes

Please choose the site  
Show/Hide Columns

Bundle-No.	Bundle name	Actions	Consignor	Carrier	Consignee	Despatch date	Status
○ > M.SH-KÖL-23-D63B		1 [Share] [Download] [Eye]	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	22.09.2023	sent
○ > M.SH-KÖL-23-UBI2		2 [Share] [Download] [Eye]	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	TestM1 - TestM1 S1	22.09.2023	sent
○ > M.SH-KÖL-23-29BW		1 [Share] [Download] [Eye]	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	22.09.2023	sent
○ > M.SH-KÖL-23-RGGE		2 [Share] [Download] [Eye]	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	21.09.2023	sent
○ > M.SH-KÖL-23-OT5X		2 [Share] [Download] [Eye]	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	14.09.2023	sent
○ > M.SH-KÖL-23-UMXN		2 [Share] [Download] [Eye]	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	14.09.2023	sent
○ > M.SH-KÖL-23-VGRZ		1 [Share] [Download] [Eye]	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	13.09.2023	sent
○ > M.SH-KÖL-23-LBG4		2 [Share] [Download] [Eye]	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	13.09.2023	sent
○ > M.SH-KÖL-23-7100E		2 [Share] [Download] [Eye]	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	13.09.2023	sent

- carrier can share rights for delivery notes to additional locations. Correspondingly selected locations receive the same rights to this delivery note.

# Create tour

## Reassignment of x delivery notes to a tour

Carrier: ShipOne (Köln Versandzentrum Ost)

2 elements added

Delivery note number	Order number	Bundle-No.	Bundle-Name	Consignee	Despatch date	License plate Pickup
20220921	48894352	M.SH-KÖL-23-UBI2		TestM1 - TestM1 S1	22.09.2023	
20220925	08151345	M.SH-KÖL-23-UBI2		TestM1 - TestM1 S1	22.09.2023	

Buttons: Cancel, Create & Close, Create & Checkout

Search: Search... Bundles Delivery notes

Remove selected items 0 from the tour Add selected items 0 to the tour Show/Hide Columns

Bundle-No.	Bundle name	Actions	Consignor	Carrier	Consignee	Despatch date	Status
M.SH-KÖL-23-29BW		1	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	22.09.2023	sent
M.SH-KÖL-23-D63B		1	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	22.09.2023	sent
M.SH-KÖL-23-RGGE		2	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	21.09.2023	sent

- In contrast to a bundle created by the shipper, a tour formed by the forwarder can consist of an n:1:n ratio (n consignor: 1 carrier: n consignee)
- n delivery notes can thus be combined into one tour = one QR code for the driver.
- A delivery note can only be assigned to one tour at a time.

# Transfer access link (tour) to driver

The screenshot shows a web application interface for a carrier, ShipOne (Köln Versandzentrum Ost). A modal window is open, displaying a QR code and a list of tour details. The modal is titled "Scan QR-Code" and "Send ticket by e-mail".

**Carrier:** ShipOne (Köln Versandzentrum Ost)

**2 elements added**

**Modal Content:**

- Despatch date:** 26.09.2023
- Tour-No.:** T.SH-KÖL-23-J80G
- Consignee:** TestM1 - TestM1 S1
- Carrier:** ShipOne - Köln Versandzentrum Ost
- Consignor:** ShipOne - Köln Versandzentrum Ost

**QR Code:** A QR code with a pink and blue gradient background.

**Options:**

- Scan QR-Code: Scan the QR code with your smartphone camera and add the ticket to your Wallet.
- Send ticket by e-mail: Send the ticket directly to the driver by e-mail.
- E-Mail \* (input field)
- Invite driver via e-mail (button)
- Print QR-Ticket (button)
- Print all delivery notes (button)

**Background Table:**

Delivery note number	Order number	Bundle-No.	Bundle-Name	Consignee	Despatch date	License plate Pickup
20220921						
20220925						
M.SH-KÖL-23-29BW						
M.SH-KÖL-23-D63B						
M.SH-KÖL-23-RGGE						
M.SH-KÖL-23-OT5X						
M.SH-KÖL-23-UMXN	2		ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	14.09.2023	sent
M.SH-KÖL-23-VGRZ	1		ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	13.09.2023	sent
M.SH-KÖL-23-...	2		ShipOne - Köln Versandzentrum Ost	ShipOne - Köln Versandzentrum Ost	13.09.2023	sent

# Download delivery notes

GLN\_4052232000002DNO\_20220921ONO\_48894352 (7).pdf

1 / 3 75%

LSN: 20220921 Versanddatum: 12.04.2023 MapperNr: M.GS-KOL-23-LDIO  
BestellNr: 48894352

**Lieferschein PDF Seite 1/1**

**Firmenname - Musterstraße 51 - 12345Stadt**  
Mustermann GmbH  
Herrn Max Mustermann  
12345 Stadthausen

**Firmenname**  
Musterstraße 51  
12345 Stadt  
Tel.: 0211 12345 67  
E-Mail: info@domain.de  
Internet: www.domain.de

**Lieferschein**

LieferNr.: 20220921 BestellNr.: 48894352 Kunden-Nr.: 1003 Datum: Heute

Vielen Dank für Ihre Bestellung. Wir liefern Ihnen wie vereinbart folgende Waren:

Pos	Art.-Nr.	Artikelbezeichnung	Liefermenge
1	16573947	Schokolade	3 Palette
2	28465793	Gummibärchen	20 Stück
3	27589734	Schokomüsli	10 Kollis
4	28364759	Früchtemüsli	8 Paletten
5	27384956	Haferflocken	40 Kollis
6	29475539	Schokoladenriegel	3 Paletten
7	28394675	Kekse	2 Paletten

Die gelieferte Ware bleibt bis zur vollständigen Bezahlung unser Eigentum.  
Kostenlose Rechnungsvorlage von <http://rechnungen-mustler.de>.

Musterfirma  
Hr. Max Mustermann  
Musterstraße 12  
12345 Stadthausen

Vollbank AG  
BIC: 25120330  
KTO: 2345678  
KTO/Hr. Max Mustermann

IBAN: DE37 2134 5678 9999 9999 99  
BIC: AG2020

Steuer-Nr.: 12345678  
Freizeithaus Köln

- Delivery notes automatically receive the following file name when downloaded :  
„GLN\_(GLN consignor)DNO\_(Lieferscheinnummer/Delivery No.)ONO\_(Bestellnummer/ Order No.)

# Download delivery notes

GLN\_4052232000002DNO\_20220921ONO\_48894352 (7).pdf 2 / 3 75%

LSN#: 20220921 Versanddatum: 12.04.2023 Meppen/ Nr. MGS-KOL-23-LDO  
BestellNr: 48894352

Typ	Anzahl	Richtung	Bemerkung	Beschädigt
Europalette	30	Annahme		Nein
Europalette	30	Abgabe		Nein
H1-Palette	3	Annahme		Nein
H1-Palette	3	Abgabe		Nein
Europalette	29	Annahme		Nein
Europalette	29	Abgabe		Nein
DDP Haltpalette	4	Annahme		Nein
DDP Haltpalette	4	Abgabe		Nein
Europalette	1	Abgabe	Schrott	Ja

Position	Anzahl	Art	Einheit
1	1	Annahmeverweigerung	Palette
3	1	Untertieferung	Kollt

2023-04-12 14:24:40 CEST 2023-04-13 11:36:34 CEST  
GS1 Germany Admin Lars Luster, K-OK-4321

*Fahrer* *WE-~~...~~* *Fahrer*

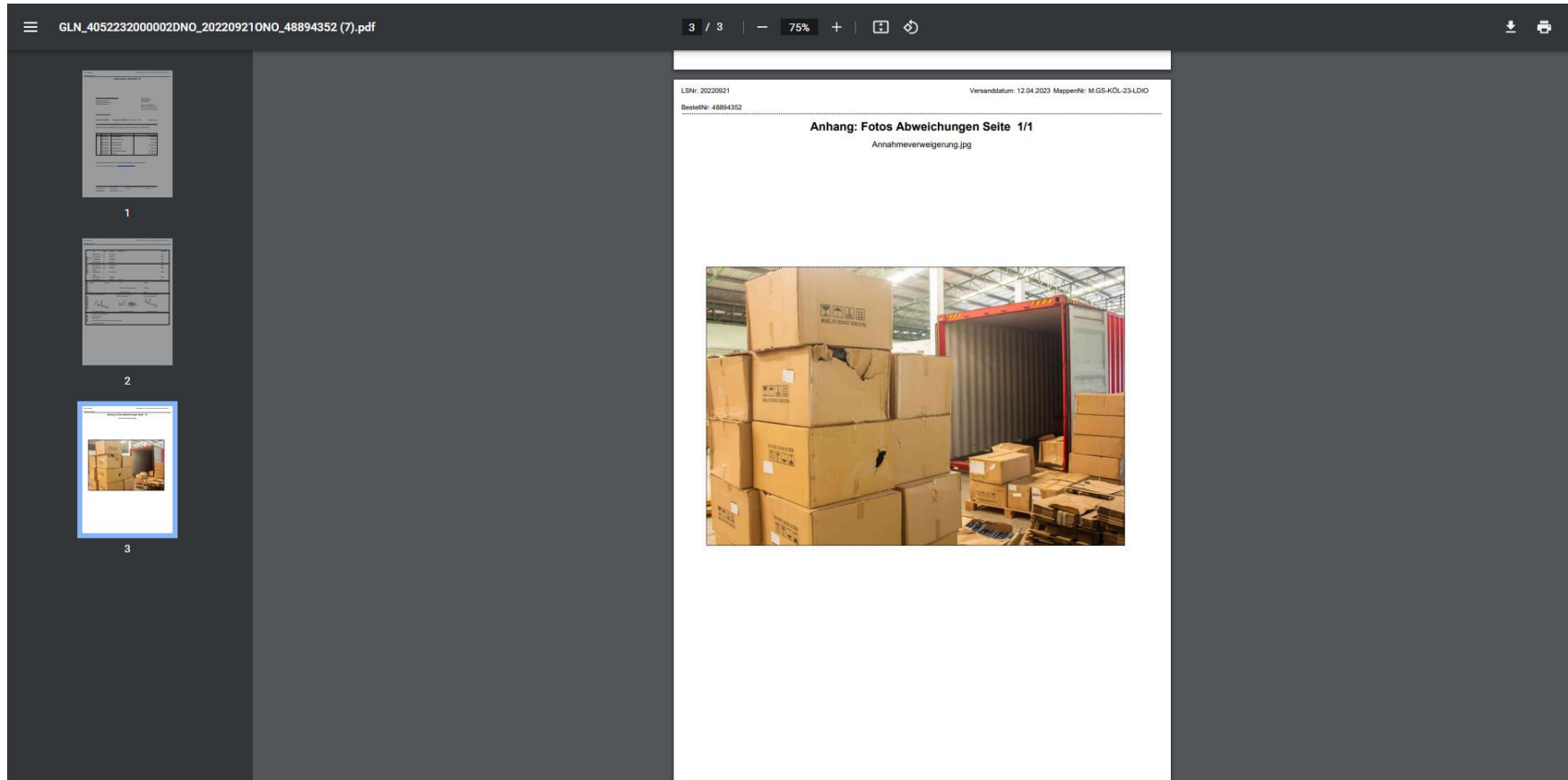
Fahrer Wareneingang Wareneingangsmitarbeiter Fahrer Wareneingang

**ANHÄNGE**

- 0 Foto(s) von Ladungsträgern
- 0 Foto(s) von Abweichung(en)
- 0 WE-Befolge
- 1 Foto(s) von Abweichung(en) Annahmeverweigerung.jpg
- 0 Foto(s) von Abweichung(en)

- All notes and deviations recorded in the process are displayed on a delivery note (load carrier exchange, deviations, signatures, attachments)

# Download delivery notes



- All notes and deviations recorded in the process are displayed on a delivery note (load carrier exchange, deviations, signatures, attachments)



# Admin Panel

all C4L roles  
(Consignor, Carrier, Consignee)



**Cloud4Log**

Powered by BVL & GS1 Germany

**BVL**<sup>7</sup>



# Admin Panel overview



Organization Administrator

 Admin Panel

General

Company Details

Manage Sites

Manage Partner Sites

Manage Users

API Keys

Help & Support

General settings for a company can be viewed and managed in the Admin Panel.

Basic functions are

- Creation and management of sites
- Creation and management of users
- Creation of API Keys
- Permission sharing with partner sites

# Admin Panel – Company details

The screenshot displays the 'Organization Administrator' interface for GS1 Germany. The left sidebar contains navigation options: Admin Panel, General, Company Details (highlighted), Manage Sites, Manage Partner Sites, Manage Users, API Keys, and Help & Support. The main content area is divided into two panels. The 'ShipOne' panel shows company master data: Versenderalle 50933 Köln Deutschland, GLN: 4200815000011, and Tel.: +49 1558989598. The 'Quotas' panel displays usage statistics for various metrics.

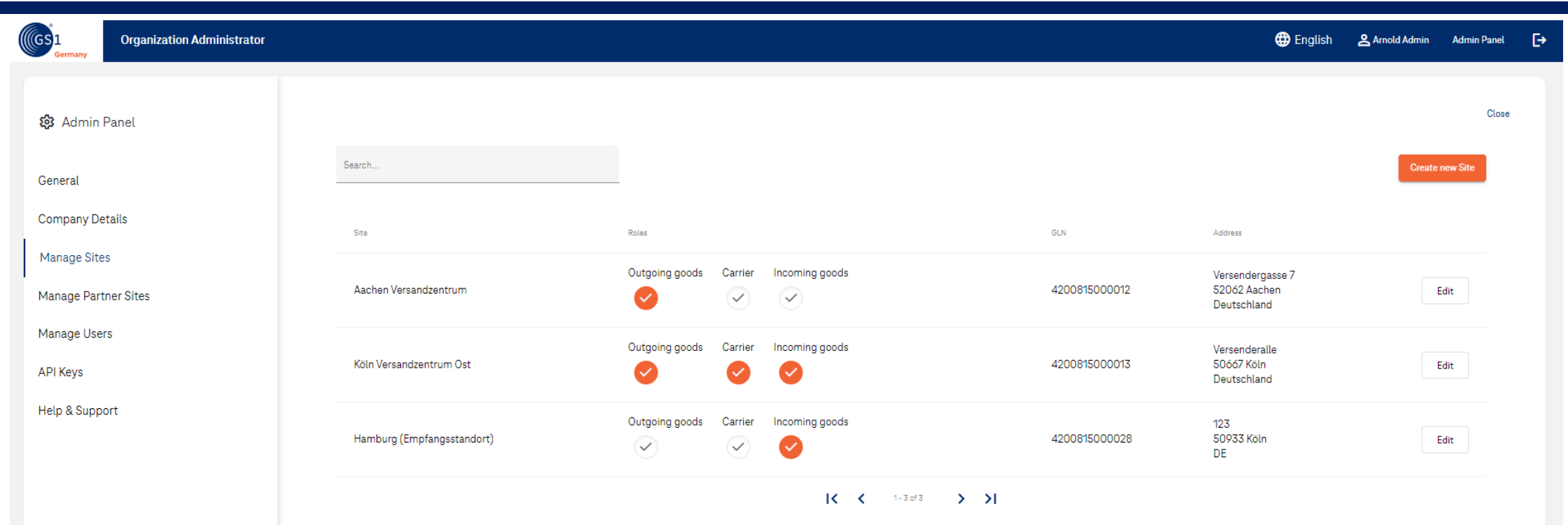
ShipOne	
Versenderalle	50933 Köln Deutschland
GLN	4200815000011
Tel.:	+49 1558989598

Quotas	
Max users	1 / 500
Max sites	3 / 250
Bundles per month (including deleted bundles)	65 / 100000
Checkins per month	57 / 100000
Checkouts per month	47 / 100000
Delivery notes per month (including deleted delivery notes)	122 / 100000
Tours per month (including deleted tours)	2 / 100000
Max attachments per delivery note	30

- Under "Company details" the company master data and quotas can be viewed. If the set quotas are not sufficient, please contact the C4L Support ([c4l-support@t-systems.com](mailto:c4l-support@t-systems.com))

# Admin Panel – Manage Sites I



The screenshot displays the 'Manage Sites' section of the GS1 Germany Organization Administrator Admin Panel. The interface includes a search bar, a 'Create new Site' button, and a table of existing sites. The table has columns for Site, Roles, GLN, and Address. The roles are categorized into Outgoing goods, Carrier, and Incoming goods, each with a status indicator (a red checkmark in a circle).

Site	Roles	GLN	Address	
Aachen Versandzentrum	Outgoing goods ✓	Carrier ✓	Incoming goods ✓	4200815000012 Versendergasse 7 52062 Aachen Deutschland Edit
Köln Versandzentrum Ost	Outgoing goods ✓	Carrier ✓	Incoming goods ✓	4200815000013 Versenderalle 50667 Köln Deutschland Edit
Hamburg (Empfangsstandort)	Outgoing goods ✓	Carrier ✓	Incoming goods ✓	4200815000028 123 50933 Köln DE Edit

- Under "Manage sites", existing sites can be edited and new sites can be created.
- A deletion concept is currently being developed, which is why it is not yet possible to delete a location.

# Admin Panel – Manage sites II

The screenshot displays the 'Create new Site' form within the GS1 Germany Organization Administrator Admin Panel. The interface includes a top navigation bar with the GS1 logo, 'Organization Administrator', language settings (English), and user information (Arnold Admin). A left sidebar lists navigation options: Admin Panel, General, Company Details, Manage Sites (highlighted), Manage Partner Sites, Manage Users, API Keys, and Help & Support.

The main content area is titled 'Create new Site' and includes a 'Close' button in the top right corner. Below the title are 'Cancel' and 'Save' buttons. A detailed instruction block explains that the location name field is a free text field added to the organization name in brackets, and provides a convention: 'Site Name = Location, (if applicable) GLN'. An example shows 'GS1 Germany (Köln, Gemüse)' as a site name.

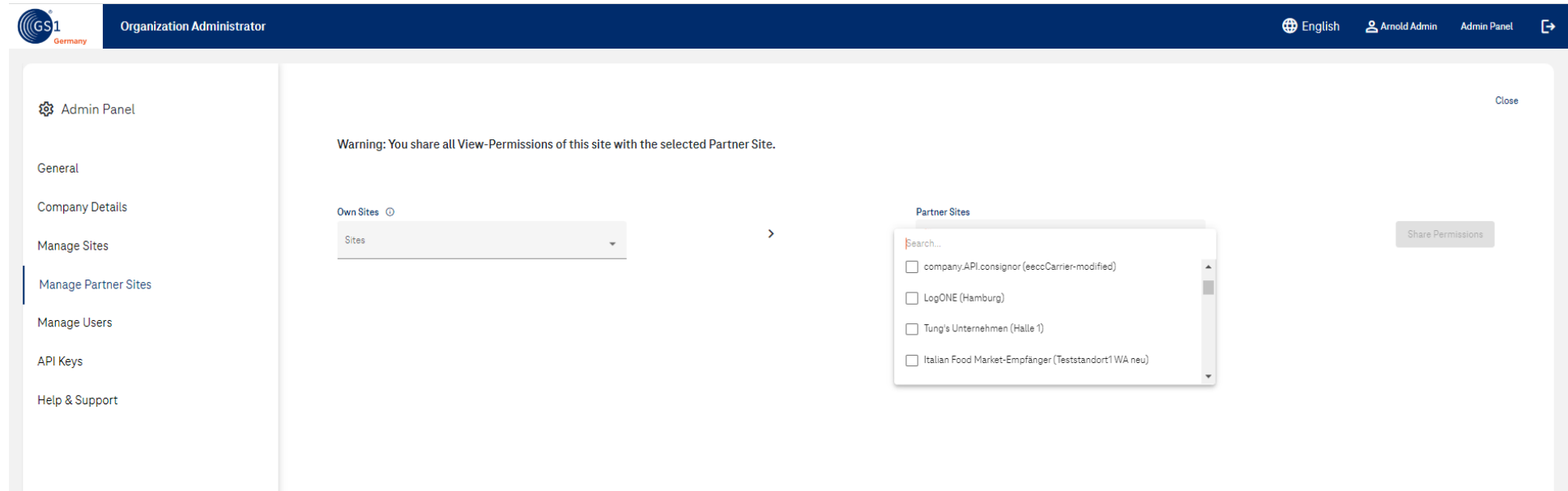
The form contains several input fields:

- Site name \*
- GLN \*
- phone number \*
- Adresse section with:
  - Street and House Number \*
  - ZIP Code \*
  - City \*
  - Country \*

Below the form is a 'Roles' section with three toggle switches: 'Outgoing Goods (OG)', 'Carrier (CA)', and 'Incoming Goods (IG)'. At the bottom of this section is a toggle for 'Allow site sharing'.

- When a site is created, the site master data, the role(s) of the site, and the right to share the site (See Manage Partner Sites) are recorded

# Admin Panel – manage partner sites



- The viewing and downloading rights for delivery notes of a site can be shared with or revoked from a partner site of another company.
- Employees of the partner site can view and download all delivery notes belonging to the site.
- The sharing site does not "lose" any rights.
- Only sites with the right to share sites (see manage sites) can be selected here.

# Admin Panel – manage users I

The screenshot shows the 'Organization Administrator' interface. The top navigation bar includes the GS1 Germany logo, the title 'Organization Administrator', and user information for 'Arnold Admin'. A sidebar on the left lists navigation options: Admin Panel, General, Company Details, Manage Sites, Manage Partner Sites, Manage Users (highlighted), API Keys, and Help & Support. The main content area features a search bar, two orange buttons for 'Create Organization Admin' and 'Create User', and a table of users. The table has columns for Name, E-Mail, number of sites, Organization Admin, and Site Admin. One user, 'Arnold Admin', is listed with 3 sites and is both an Organization and Site Admin. An 'Edit' button is visible for this user. A pagination bar at the bottom shows '1 - 1 of 1'.

Name	E-Mail	number of sites	Organization Admin	Site Admin	
> Arnold Admin	[REDACTED]	3	✓	✓	Edit

- A company admin can appoint additional company admins and create new users for sites or edit them.
- A deletion concept is currently being developed, which is why it is not yet possible to delete a user.

# Admin Panel – manage users II

The screenshot shows the 'Create User' form in the Admin Panel. The top navigation bar includes the GS1 Germany logo, 'Organization Administrator', language settings (English), user profile (Arnold Admin), and 'Admin Panel' with a home icon. A 'Close' button is in the top right of the form area. The left sidebar lists menu items: Admin Panel, General, Company Details, Manage Sites, Manage Partner Sites, Manage Users (highlighted), API Keys, and Help & Support. The main form area has a title 'Create User' and two buttons: 'Cancel' and 'Create User'. The form contains three input fields: 'Name \*', 'E-Mail \*', and 'Password \*'. Below the password field are five validation rules: 'Must contain at least 12 characters', 'Must contain at least one number', 'Must contain at least one capital letter', 'Must contain at least one lower case letter', and 'Must contain at least one special character'. A green checkmark indicates 'Does not contain unauthorised characters'. The 'Sites' section has a dropdown menu labeled 'Site' and four checkboxes: 'Site Administrator', 'Consignor', 'Carrier', and 'Consignee'. A '+ Add Site' button is located at the bottom right of the sites section.



# Admin Panel – API keys I

The screenshot shows the 'Organization Administrator' interface for GS1 Germany. The top navigation bar includes the GS1 logo, the title 'Organization Administrator', language settings (English), user information (Arnold Admin), and the 'Admin Panel' link. A left sidebar contains navigation options: Admin Panel, General, Company Details, Manage Sites, Manage Partner Sites, Manage Users, API Keys (selected), and Help & Support. The main content area displays a table of API keys. A 'New API Key' button is visible in the top right corner. The table has columns for Name, E-Mail, Created on, and Expires on. The first entry is for 'GS1 System' with email 'apitest+345@gs1.de' and dates '26.09.2023'. Below this, a detailed view shows 'Sites' (Aachen Versandzentrum, Köln Versandzentrum Ost, Hamburg (Empfangsstandort)) and 'Roles' (Site Admin, Consignor).

Name	E-Mail	Created on	Expires on
GS1 System	apitest+345@gs1.de	26.09.2023	26.09.2023

Sites	Roles
Aachen Versandzentrum	Site Admin Consignor
Köln Versandzentrum Ost	Site Admin Carrier Consignee Consignor
Hamburg (Empfangsstandort)	Site Admin Consignee

- A company admin can create API keys to enable interface integration of already used applications (ERP, WMS, TMS,...).
- With the API key, a third party system can call and use the Cloud4Log API "on behalf" of the company (e.g. upload, download delivery notes, create tours...).

# Admin Panel – API keys II

Organization Administrator

English Arnold Admin Admin Panel

Admin Panel

General

Company Details

Manage Sites

Manage Partner Sites

Manage Users

API Keys

Help & Support

New API Key

Name \*

Expiry Date \* 26.09.2023

E-Mail \*

Roles

Site	Site Administrator	Consignor	Carrier	Consignee	
Aachen Versandzentrum	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Köln Versandzentrum Ost	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Hamburg (Empfangsstandort)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

+ Add Site

Back Generate Key

- API keys always have a definable expiration date and are valid for the sites and roles selected at the time of creation. If another site is subsequently created, a new API Key must be generated.
- The email address selected for generation can only be assigned to a USER or API Key once for Cloud4Log. A new API Key requires another Cloud4log unknown email address.

# Admin Panel – Help & Support



Organization Administrator

English

Arnold Admin

Admin Panel



Admin Panel

General

Company Details

Manage Sites

Manage Partner Sites

Manage Users

API Keys

Help & Support

Close

## Cloud4Log Service

Do you need help with the following topics:

- Technical issues
- Change request regarding company data
- Invoice questions
- Questions about the contract
- Other questions

please contact the Cloud4Log Service:

- For this purpose, write us a message free of charge to: [c4l-support@t-systems.com](mailto:c4l-support@t-systems.com)
- Or use our customer phone: 069 - 689 702 813 (25,00 € per call)

## Cloud4Log Training Material

Training materials and videos on how to use the Cloud4Log basic frontend can be found on the Cloud4Log website:

<https://bvl-digital.de/cloud4log/>

If you need individual training beyond that, please contact Cloud4Log Service.

## Technical documentation Cloud4Log API and XML PDF/A-3 structure

In the public Cloud4Log Github you can find technical documentation for Cloud4Log.

<https://www.github.com/JR-2022/C4L>