

4.15. Scan App

The scan apps are used to record and track the items loaded in the carrier by using barcodes. It is possible to assign the load not only to a carrier but also to other packaging units in the carrier (e.g. bottles, screw jars, bags). Using and scanning packaging units is an option and not mandatory.

The system records the location, operator and scanning times of the sender and receiver as well as CID, TAN and departure and arrival time of the transport.

The 'Scan In App' has two modes: LIS (Laboratory Information System) and HIS (Hospital Information System).

The LIS is designed for recording the transport of samples to a laboratory. The samples are checked in using the 'Scan In App' and checked out using the 'Scan Out App' upon arrival at the laboratory.

The HIS is a system designed to automate the dispatch of payloads (e.g. medicines from the pharmacy). Information on the contents and destination of the payload is transferred to the pneumatic tube system via a QR code.

An SQL database on the RT-Win4 host is used for data storage. When the app is started, a connection to the database is automatically established. If the connection is established successfully, a checkmark appears in the top right corner of the "Database-Connection" checkbox.



If there is no connection to the database, the app will not work.

4.15.1. Scan In App



RT-Win4 - Scan In App V 4.5.6.116 Rel11/1/25/451

Location: Emergency Room
Operator: Mrs. Smith

Change Operator

Checkin Content-Data

Scan-Order: 1:Scan Carrier 2:(Option) Scan Sub-Carrier / Bag 3:Scan Content

Carrier-ID: 1004 Sub-Carrier / Bag: BAG0081542003

Contents:

#	Scan-Time	Sub-Carrier / Bag	Scan-Code
1	26.01.2021 12:14:53	BAG0081542003	0042 4711 0829
2	26.01.2021 12:14:54	BAG0081542003	0042 4711 0827
3	26.01.2021 12:14:55	BAG0081542003	0042 4711 0825
4	26.01.2021 12:14:56	BAG0081542003	0042 4711 0816
5	26.01.2021 12:14:57	BAG0081542003	0042 4711 0818
6	26.01.2021 12:14:59	BAG0081542003	0042 4711 0820
7	26.01.2021 12:15:01	BAG0081542003	0042 4711 0823

Cancel All

Cancel last Scan

Enter

26.01.2021 12:15:19

RT-Win4 - Scan App V 4.21.0.542 Rel16/6/10/528

Location: Pharmacy
Operator: Mr. Hyde

Change Operator

MS

Scan-Order: 1:Scan Carrier 2:Scan Content 3:Checkin

Carrier-ID: 2981 Destination: 033 Priority: 1

Scan-Data: 1-033-6340673-08217-4479954-46

#	Priority	Destination	AB	LN	HR	VR
0	033		7954444	15836	8222609	52
1	0	033	4786741	59777		
2	1	033	8247740	13187	9753400	80
3	1	033	6340673	06217	4479954	46

Cancel all

Cancel last

Checkin

22.06.2026 11:15:25

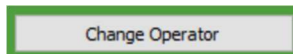
4.15.1.1. General Information / Start

The Scan In app is used to check in the content of the carrier into the system before the carrier is sent. When the app is started, the name of the current operator is queried. The name of the last operator is suggested.



After confirming the previous name or entering a new name, the app is ready for use. The operator name is displayed in the upper left corner.

To change the operator name at a later time, click on "Change Operator".

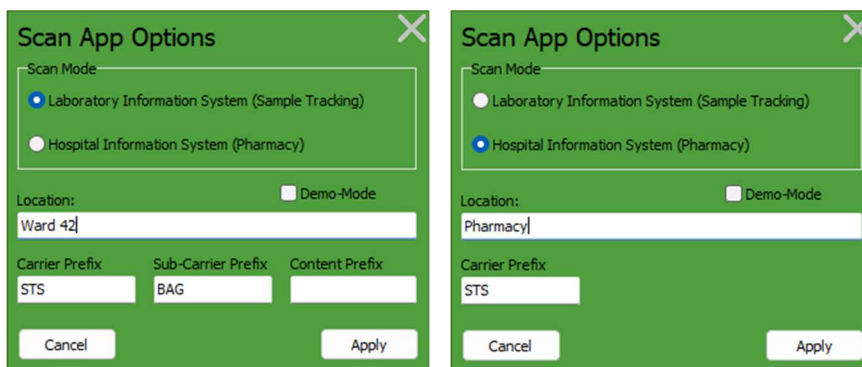


4.15.1.2. Options

To change the basic settings of the app click on the settings icon on the top right.



Note: The icon is visible only if the user has sufficient user rights.



Scan Mode:

Select the scan mode in which the app should operate.

The 'Laboratory Information System' (LIS) mode is designed for tracking laboratory samples.

The 'Hospital Information System' (HIS) mode is used to automate transport operations, e.g. from the pharmacy. The details of the cargo and the destination of the transport are scanned using a QR code.

Depending on the scan mode, further options will be displayed.

Location:

Specifies the location where the app is used (e.g., emergency room).

Prefix:

In order to be able to assign the individual barcodes to their function (carrier, packaging unit in carrier, content), a so-called prefix is necessary at the beginning of the barcode. The subsequent characters are then used for the respective identification.

Carrier Prefix:

By default, carriers from Hörtig Rohrpost are delivered with the prefix "STS". If another prefix is to be used, it can be changed here.

Note: It is mandatory that a carrier prefix is set to separate the carrier scan from the other scans!

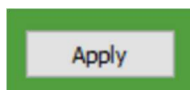
Sub-carrier prefix:

If packaging units in the TBH (e.g. bottles, screw jars, bags) are to be tracked, these also require a unique prefix to separate the respective scans. The corresponding prefix can be set here.

Content Prefix:

To exclude unwanted scans, a prefix can also be defined for the content. If the field remains empty, all scans that cannot be assigned to a carrier or sub-carrier prefix will be interpreted as a content scan.

To save the settings click Apply.



The "Location" is displayed above the operator name.

Location: Emergency Room

Notice:

The "Location" setting applies only locally, whereas the prefix settings apply system-wide.

Demo-Mode:

☐ Demo-Mode

If demo mode is enabled, additional buttons appear on the 'Content-Data' tab and the 'HIS Data' tab to simulate the progress of a transport.

RT-Win4 - Scan App V 4.21.1.559 beta16/7/24/675

Location: Ward 42
Operator: John Casper

Change Operator

Checkin Content-Data

All Not processed Timeout Refresh ☒ Auto-Update --- Demo - Next Step

#	Scan-Code	State	Man. Checkout	CID	Sub-Carrier / Bao	TAN	Checki
---	-----------	-------	---------------	-----	-------------------	-----	--------

RT-Win4 - Scan App V 4.21.1.559 beta16/7/24/675

Location: Pharmacy
Operator: Dr. Jekyll

Change Operator

HIS HIS Data

All Checkin In Transport Arrived Timeout ☒ Auto Update --- Demo - Next Step

Index	Status	CID	AN	LN	HN	VN	Prio	Scan-Dest	Oriain	Oriain Name	Destinatio	De
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For information on using demo mode, see the section 4.15.3.

Note:

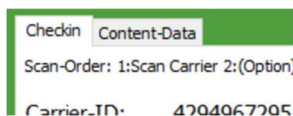
Demo mode is disabled every time the app is launched and must be re-enabled in the Scan App settings if required.

4.15.1.3. Laboratory Information System - LIS

In LIS mode, the content is identified by a barcode and assigned to a transport carrier and, where applicable, an inner container before dispatch. Once the content reaches its destination (e.g. a laboratory), it is checked out of the system by scanning the barcode again. The transport data and all timestamps can be viewed in both the Check-In App and the Check-Out App.

Checkin in LIS-Mode

For scanning the Tab "Checkin" must be visible.



Checkin Content-Data
Scan-Order: 1:Scan Carrier 2:(Option)
Carrier-ID: 4704067705

In order to clearly assign the scanned contents, the following sequence must be followed:

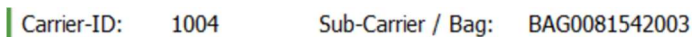
1. Scan Carrier
2. Scan packaging units (if used)
3. Scan contents
4. If another packaging unit is used continue at step 2.
5. Click on "Enter"-Button to complete the checkin or scan the "Checkin!"-Barcode on top of the window or from anywhere else.
6. Send Carrier

Once the TBH scan has been successfully completed, the carrier ID is displayed above the content list.



Carrier-ID: 1004 Sub-ID

When a packaging unit is scanned, the ID appears next to the carrier ID.



Carrier-ID: 1004 Sub-Carrier / Bag: BAG0081542003

If content is scanned, the individual scans appear in the content list. The ID of the packaging unit is also listed in each case.

Contents:

#	Scan-Time	Sub-Carrier / Bag	Scan-Code
1	26.01.2021 16:17:19	BAG0081542003	0042 4711 0822
2	26.01.2021 16:17:19	BAG0081542003	0042 4711 0824
3	26.01.2021 16:17:21	BAG0081542003	0042 4711 0827
4	26.01.2021 16:17:23	BAG0081542003	0042 4711 0815
5	26.01.2021 16:17:25	BAG0081542003	0042 4711 0818
6	26.01.2021 16:17:31	BAG0081542003	0042 4711 0821
7	26.01.2021 16:18:32	BAG0081542005	0042 4711 0816
8	26.01.2021 16:18:33	BAG0081542005	0042 4711 0826
9	26.01.2021 16:18:43	BAG0081542005	0042 4711 0820
10	26.01.2021 16:19:24	BAG0081542005	0042 4711 0829
11	26.01.2021 16:19:32	BAG0081542005	0042 4711 0828

To complete the check-in process, either click the "Enter" button or scan the "Checkin!" barcode. (See also appendix 5.1)
The "Checkin!" barcode is only displayed when the "Checkin" tab is active.
The width of the "Checkin!" barcode can be adjusted to fit the scanner using the arrow buttons in the bottom right corner.



After successful checkin, the displays in the app are reset.

Carrier-ID: --- Sub-Carrier / Bag: ---

Contents:

#	Scan-Time	Sub-Carrier / Bag	Scan-Code

Cancel Scans

Cancel All:

Cancel All

This button resets all scans since the last checkin. The checkin must be started from the beginning.

Carrier-ID: --- Sub-Carrier / Bag: ---

Contents:

#	Scan-Time	Sub-Carrier / Bag	Scan-Code

Cancel last Scan:

Cancel last Scan

This button deletes only the last content scan. The carrier scan, the packaging unit scan and the previous content scans are not deleted.

Carrier-ID: 1002 Sub-Carrier / Bag: BAG0081542002

Contents:

#	Scan-Time	Sub-Carrier / Bag	Scan-Code
1	26.01.2021 16:49:19	BAG0081542002	0042 4711 0822
2	26.01.2021 16:49:20	BAG0081542002	0042 4711 0823

Hint:

Once a checkin has been completed by pressing the "Enter" button or scanning the "Checkin!" code, it can no longer be deleted. The entries in the database must be confirmed manually in the Scan Out app.

Content-Data

Content-Data														
Checkin		Content-Data												
All		Not processed			Refresh									
		Timeout												
#	Scan-Code	State	Man. Checkout	CID	Sub-Carrier / Bag	TAN	Checkin-Location	Checkin-Operator	Scan-In-Time	Checkin-Complete	Carrier Departure	Carrier Arrival	Checkout-Location	Checkout-Operator
47	0042 4711 0818	TAN; Scan-Out; Archived		1004	BAG0081542003	439FC4E	Emergency Room	Mrs. Smith	27.01.2021 09:09:51	27.01.2021 09:10:00	27.01.2021 09:11:41	27.01.2021 09:13:08	Central Laboratory	MTA L.B. Johnson
48	0042 4711 0819	TAN; Scan-Out; Archived		1004	BAG0081542003	439FC4E	Emergency Room	Mrs. Smith	27.01.2021 09:09:51	27.01.2021 09:10:00	27.01.2021 09:11:41	27.01.2021 09:13:08	Central Laboratory	MTA L.B. Johnson
49	0042 4711 0820	TAN; Scan-Out	Checkout	1004	BAG0081542001	439FC4F	Emergency Room	Mrs. Smith	27.01.2021 09:23:07	27.01.2021 09:25:20	27.01.2021 09:26:30	27.01.2021 09:27:48	Central Laboratory	MTA L.B. Johnson
50	0042 4711 0820	TAN; Scan-Out	Checkout	1004	BAG0081542001	439FC4F	Emergency Room	Mrs. Smith	27.01.2021 09:23:09	27.01.2021 09:25:20	27.01.2021 09:26:30	27.01.2021 09:27:48	Central Laboratory	MTA L.B. Johnson
51	0042 4711 0828	TAN	Checkout	1004	BAG0081542001	439FC4F	Emergency Room	Mrs. Smith	27.01.2021 09:23:12	27.01.2021 09:25:20	27.01.2021 09:26:30	27.01.2021 09:27:48	Central Laboratory	MTA L.B. Johnson
52	0042 4711 0821	TAN; Scan-Out	Checkout	1004	BAG0081542005	439FC4F	Emergency Room	Mrs. Smith	27.01.2021 09:23:31	27.01.2021 09:25:20	27.01.2021 09:26:30	27.01.2021 09:27:48	Central Laboratory	MTA L.B. Johnson
53	0042 4711 0827	TAN	Checkout	1004	BAG0081542005	439FC4F	Emergency Room	Mrs. Smith	27.01.2021 09:23:44	27.01.2021 09:25:20	27.01.2021 09:26:30	27.01.2021 09:27:48	Central Laboratory	MTA L.B. Johnson
54	0042 4711 0822	TAN	Checkout	1004	BAG0081542005	439FC4F	Emergency Room	Mrs. Smith	27.01.2021 09:23:49	27.01.2021 09:25:20	27.01.2021 09:26:30	27.01.2021 09:27:48	Central Laboratory	MTA L.B. Johnson
55	0042 4711 0823	TAN	Checkout	1004	BAG0081542002	439FC4F	Emergency Room	Mrs. Smith	27.01.2021 09:24:56	27.01.2021 09:25:20	27.01.2021 09:26:30	27.01.2021 09:27:48	Central Laboratory	MTA L.B. Johnson
56	0042 4711 0825	TAN; Scan-Out	Checkout	1004	BAG0081542002	439FC4F	Emergency Room	Mrs. Smith	27.01.2021 09:25:20	27.01.2021 09:25:20	27.01.2021 09:26:30	27.01.2021 09:27:48	Central Laboratory	MTA L.B. Johnson
57	0042 4711 0824	TAN	Checkout	1004	BAG0081542002	439FC4F	Emergency Room	Mrs. Smith	27.01.2021 09:25:02	27.01.2021 09:25:21	27.01.2021 09:26:30	27.01.2021 09:27:48	Central Laboratory	MTA L.B. Johnson
58	0042 4711 0818	TAN; Scan-Out	Checkout	1004	BAG0081542002	439FC4F	Emergency Room	Mrs. Smith	27.01.2021 09:25:06	27.01.2021 09:25:21	27.01.2021 09:26:30	27.01.2021 09:27:48	Central Laboratory	MTA L.B. Johnson
59	0042 4711 0818	TAN	Checkout	1004	BAG0081542002	439FC4F	Emergency Room	Mrs. Smith	27.01.2021 09:25:07	27.01.2021 09:25:21	27.01.2021 09:26:30	27.01.2021 09:27:48	Central Laboratory	MTA L.B. Johnson
60	0042 4711 0815	TAN	Checkout	1004	BAG0081542003	439FC50	Emergency Room	Mrs. Smith	27.01.2021 09:31:39	27.01.2021 09:31:57	27.01.2021 09:32:18			
61	0042 4711 0817	TAN	Checkout	1004	BAG0081542003	439FC50	Emergency Room	Mrs. Smith	27.01.2021 09:31:48	27.01.2021 09:31:58	27.01.2021 09:32:18			
62	0042 4711 0819	TAN	Checkout	1004	BAG0081542003	439FC50	Emergency Room	Mrs. Smith	27.01.2021 09:31:53	27.01.2021 09:31:58	27.01.2021 09:32:18			
63	0042 4711 0824	Scan-In	Checkout	1006	BAG0081542004	00000000	Emergency Room	Mrs. Smith	27.01.2021 09:33:05	27.01.2021 09:33:10				
64	0042 4711 0824	Scan-In	Checkout	1006	BAG0081542004	00000000	Emergency Room	Mrs. Smith	27.01.2021 09:33:06	27.01.2021 09:33:10				
65	0042 4711 0826	Scan-In	Checkout	1006	BAG0081542004	00000000	Emergency Room	Mrs. Smith	27.01.2021 09:33:08	27.01.2021 09:33:10				

General

In the "Content-Data" tab, a list of all checked-in TBH contents is displayed. The entries show the progress of the transport from check-in to complete check-out of all contents from a carrier.

The content is checked in but the carrier has not yet departed (TAN is still unknown and therefore "00000000").

#	Scan-Code	State	Man. Checkout	CID	Sub-Carrier / Bag	TAN	Checkin-Location	Checkin-Operator	Scan-In-Time	Checkin-Complete	Carrier Departure	Carrier Arrival	Checkout-Location	Checkout-Operator
63	0042 4711 0824	Scan-In	Checkout	1006	BAG0081542004	00000000	Emergency Room	Mrs. Smith	27.01.2021 09:33:05	27.01.2021 09:33:10				
64	0042 4711 0824	Scan-In	Checkout	1006	BAG0081542004	00000000	Emergency Room	Mrs. Smith	27.01.2021 09:33:06	27.01.2021 09:33:10				
65	0042 4711 0826	Scan-In	Checkout	1006	BAG0081542004	00000000	Emergency Room	Mrs. Smith	27.01.2021 09:33:08	27.01.2021 09:33:10				

The carrier is on its way, TAN was detected.

#	Scan-Code	State	Man. Checkout	CID	Sub-Carrier / Bag	TAN	Checkin-Location	Checkin-Operator	Scan-In-Time	Checkin-Complete	Carrier Departure	Carrier Arrival	Checkout-Location	Checkout-Operator
60	0042 4711 0815	TAN	Checkout	1004	BAG0081542003	439FC50	Emergency Room	Mrs. Smith	27.01.2021 09:31:39	27.01.2021 09:31:57	27.01.2021 09:32:18			
61	0042 4711 0817	TAN	Checkout	1004	BAG0081542003	439FC50	Emergency Room	Mrs. Smith	27.01.2021 09:31:48	27.01.2021 09:31:58	27.01.2021 09:32:18			
62	0042 4711 0819	TAN	Checkout	1004	BAG0081542003	439FC50	Emergency Room	Mrs. Smith	27.01.2021 09:31:53	27.01.2021 09:31:58	27.01.2021 09:32:18			

The carrier has arrived, but the content has not yet been scanned..

#	Scan-Code	State	Man. Checkout	CID	Sub-Carrier / Bag	TAN	Checkin-Location	Checkin-Operator	Scan-In-Time	Checkin-Complete	Carrier Departure	Carrier Arrival	Checkout-Location	Checkout-Operator
53	0042 4711 0827	TAN	Checkout	1004	BAG0081542005	439FC4F	Emergency Room	Mrs. Smith	27.01.2021 09:23:44	27.01.2021 09:25:20	27.01.2021 09:26:30	27.01.2021 09:27:48		
54	0042 4711 0822	TAN	Checkout	1004	BAG0081542005	439FC4F	Emergency Room	Mrs. Smith	27.01.2021 09:23:49	27.01.2021 09:25:20	27.01.2021 09:26:30	27.01.2021 09:27:48		
55	0042 4711 0823	TAN	Checkout	1004	BAG0081542002	439FC4F	Emergency Room	Mrs. Smith	27.01.2021 09:24:56	27.01.2021 09:25:20	27.01.2021 09:26:30	27.01.2021 09:27:48		

The content was scanned upon arrival.

#	Scan-Code	State	Man. Checkout	CID	Sub-Carrier / Bag	TAN	Checkin-Location	Checkin-Operator	Scan-In-Time	Checkin-Complete	Carrier Departure	Carrier Arrival	Checkout-Location	Checkout-Operator
49	0042 4711 0820	TAN; Scan-Out	Checkout	1004	BAG0081542001	439FC4F	Emergency Room	Mrs. Smith	27.01.2021 09:23:07	27.01.2021 09:25:20	27.01.2021 09:26:30	27.01.2021 09:27:48	Central Laboratory	MTA L.B. Johnson
50	0042 4711 0820	TAN; Scan-Out	Checkout	1004	BAG0081542001	439FC4F	Emergency Room	Mrs. Smith	27.01.2021 09:23:09	27.01.2021 09:25:20	27.01.2021 09:26:30	27.01.2021 09:27:48	Central Laboratory	MTA L.B. Johnson

The complete content of the carrier was scanned or manually checked out.

#	Scan-Code	State	Man. Checkout	CID	Sub-Carrier / Bag	TAN	Checkin-Location	Checkin-Operator	Scan-In-Time	Checkin-Complete	Carrier Departure	Carrier Arrival	Checkout-Location	Checkout-Operator
47	0042 4711 0818	TAN; Scan-Out; Archived		1004	BAG0081542003	439FC4E	Emergency Room	Mrs. Smith	27.01.2021 09:09:51	27.01.2021 09:10:00	27.01.2021 09:11:41	27.01.2021 09:13:08	Central Laboratory	MTA L.B. Johnson
48	0042 4711 0819	TAN; Scan-Out; Archived		1004	BAG0081542003	439FC4E	Emergency Room	Mrs. Smith	27.01.2021 09:09:51	27.01.2021 09:10:00	27.01.2021 09:11:41	27.01.2021 09:13:08	Central Laboratory	MTA L.B. Johnson
61	0042 4711 0817	TAN; Man. Checkout		1004	BAG0081542003	439FC50	Emergency Room	Mrs. Smith	27.01.2021 09:31:48	27.01.2021 09:31:58	27.01.2021 09:32:18	27.01.2021 10:29:40	Central Laboratory	MTA L.B. Johnson

Three buttons are available for filtering the data:

All

Not processed

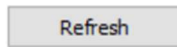
Timeout

Displays all entries in the list.

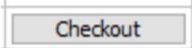
Displays all entries that have not yet been checked out.

Displays all entries that have not been checked out and are older than 24 hours.

The "Refresh" button updates the list. (The list is not automatically refreshed when changes are made).



The "Checkout" button is displayed for all entries in the list whose checkout is not yet complete. Clicking the button marks this content as manually checked out, e.g. if the content cannot be scanned.



Status of the content

The content can have different statuses depending on the progress of the process.

Scan In	The content has been scanned and checked in for this TBH.
TAN	The TBH has departed. The TAN of the transport has been registered.
Scan Out	The content has been scanned at the recipient.
Man. Checkout	The content was not scanned, but checked out manually via the button.
Archived	The content of the TBH was completely checked out.
Timeout	The content was checked in but not checked out again within 24 hours.

Column meaning:

#	Consecutive number of the entry
Scan code	ID of the content
State	Status of the content
Man. Checkout	If the content cannot be scanned at checkout, it can be checked out manually here. If all contents of this TBH are checked out, the button is removed.
CID	Carrier ID
Sub-carrier / bag	ID of the packaging unit in the carrier
TAN	Transport ID of the pneumatic tube system.
Checkin-Location	Location where the content was checked in.
Checkin operator	Name of the operator at the checkin.
Scan-In-Time	Time at which the content was scanned during check-in.
Checkin-Complete	Time at which the checkin process was completed.
Carrier Departure	Departure time of the carrier.
Carrier Arrival	Arrival time of the carrier.
Checkout-Location	Place where the content was checked out.
Checkout Operator	Name of the operator during checkout.
Scan-Out-Time	Time at which the content was scanned during checkout.
Checkout complete	Time at which all contents from this TBH were scanned during checkout.

Notice:

Entries older than 2 years will be deleted automatically.

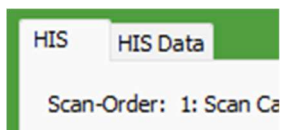
4.15.1.4. Hospital Information System – HIS

The HIS is used to automate the dispatch process at stations with high volumes of shipments. The data is generated by an external system and transmitted to the DCS via a QR code. (For the data format, see Appendix 5.2.)

When the transport container is then placed in the dispatch station, the destination address is forwarded to the DCS and the transport is initiated.

Checkin in HIS-Mode

To scan the QR code, the 'HIS' (Hospital Information System) tab must be active.



In order to be able to clearly identify the scanned content, the following order must be followed:

1. Scan the carrier
2. Scan the QR code on the prescription
3. If necessary, scan any further QR codes for the same destination address (QR codes with a different destination address will be ignored and a warning will be displayed)
4. The check-in process is completed by clicking the 'Check-in' button or by scanning the 'Check-in!' barcode (at the top center of the app window)
5. Place the TBH in the dispatch station

Once the TBH has been successfully scanned, the carrier ID is displayed above the content list.

Carrier-ID: 2981

When a QR code is scanned, the destination address, the priority of the shipment and the scan data are displayed next to or below the container ID.

Carrier-ID:	2981	Destination:	033	Priority:	1
Scan-Data:	1-033-0396910-13008-1892933-21				
#	Priority	Destination	AM	IM	

The data also appears in the scan data list.

Scan-Data: 1-033-9272085-43709-4051018-76							
#	Priority:	Destination:	AN	LN	HN	VN	
0	1	033	0396910	13008	1892933	21	2026-06-23 12:19:29
1	1	033	9272085	43709	4051018	76	2026-06-23 12:20:25

To complete the check-in process, either click on the 'Check-in' button or scan the 'Check-in!' barcode. (See also Appendix 5.1)
The 'Check-in!' barcode is only displayed when the 'Check-in' tab is active.
The width of the 'Check-in!' barcode can be adjusted using the arrow buttons in the bottom right-hand corner to match the scanner.



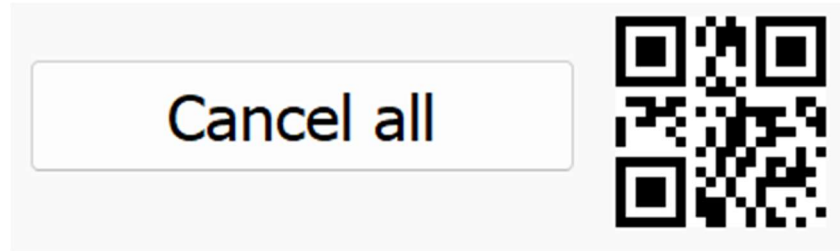
Once you have checked in successfully, the display in the app will be reset.

Carrier-ID: --- Destination: --- Priority: ---

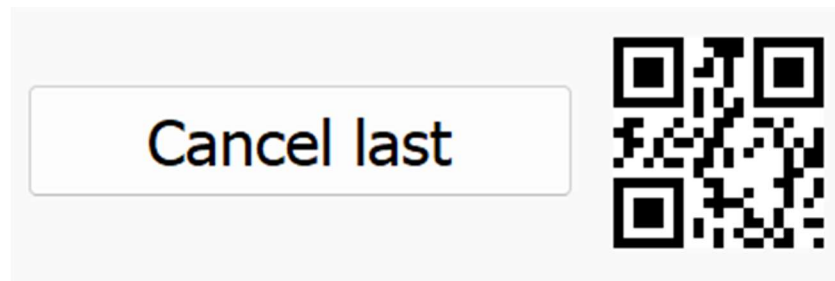
Scan-Data: ---

#	Priority:	Destination:	AN	LN	HN	VN	

Cancel Scanns



Clicking the 'Cancel All' button or scanning the QR code displayed next to the button will reset all scans since the last check-in. The check-in process must be restarted from the beginning.



Clicking the 'Cancel Last' button or scanning the QR code displayed next to the button deletes the last QR code scan. The container ID scan is preserved.

Note:

Once a check-in has been completed using the 'Check-in' button or by scanning the 'Check-in!' code, it cannot be deleted. Entries for which the transport has not been fully completed can be confirmed manually in 'HIS-Data'.

Content Data – HIS Data

RT-Win4 - Scan App V 4.21.1.546 beta16/6/29/421

Location: Pharmacy

Operator: Mr. Hyde

Change Operator

HIS HIS Data

All

Checkin

In Transport

Arrived

Timeout

Auto Update

Index	Status	CID	AN	LN	HN	VN	Prio	Scan-Dest	Origin	Origin Name	Destination	Dest. Name	Scan Time	Checkin Time	Carrier in STS	Departure Time	Arrival Time	Transport Time	TAN
19	Arrived	2981	2554323	15687			1	033	000032	Pharmacy	000033	Ward 33	2026-06-26 11:29:38	2026-06-26 11:30:07	2026-06-26 11:30:07	2026-06-26 11:30:38	00:00:31	09PC01D0	
20	Arrived; Error	2981	8555657	54027	2579022		1	033	000032	Pharmacy	000033	Ward 33	2026-06-26 11:28:54	2026-06-26 11:30:55	2026-06-26 11:31:24	2026-06-26 11:32:04	00:00:40	09PC01D2	
21	Transport; Man. Confirmed	2981	2526142	56560	7939785	60	0	033	000032	Pharmacy	000033	Ward 33	2026-06-26 11:34:19	2026-06-26 11:34:46	2026-06-26 11:35:58	2026-06-26 11:35:58	00:19:39	09PC01D9	
22	Transport; Man. Confirmed	2981	6765749	32843	0996646	93	0	033	000032	Pharmacy	000033	Ward 33	2026-06-26 11:34:20	2026-06-26 11:34:46	2026-06-26 11:35:58	2026-06-26 11:35:58	00:19:31	09PC01D9	
23	Transport; Man. Confirmed	2981	2438728	15025	0145392		0	033	000032	Pharmacy	000033	Ward 33	2026-06-26 11:34:22	2026-06-26 11:34:46	2026-06-26 11:35:58	2026-06-26 11:35:58	00:19:32	09PC01D9	
24	Arrived	2981	5746228	68256			0	033	000032	Pharmacy	000033	Ward 33	2026-06-26 12:11:41	2026-06-26 12:11:43	2026-06-26 12:12:02	2026-06-26 12:12:03	00:00:17	09PC01E0	
25	Arrived	2981	9724209	82236	5253102	40	0	033	000032	Pharmacy	000033	Ward 33	2026-06-26 12:11:41	2026-06-26 12:11:43	2026-06-26 12:12:02	2026-06-26 12:12:03	00:00:17	09PC01E0	
26	Arrived	2981	4638994	91600			1	033	000032	Pharmacy	000033	Ward 33	2026-06-26 12:11:42	2026-06-26 12:11:43	2026-06-26 12:12:02	2026-06-26 12:12:03	00:00:17	09PC01E0	
27	Man. Confirmed; archived	4711	2695482	17093	6822599		1	033					2026-06-26 12:12:49	2026-06-26 12:12:53	---:---:---	2026-06-26 12:12:58	00:00:05		
28	Man. Confirmed; archived	4711	3128210	61598	7462021	92	0	033					2026-06-26 12:12:49	2026-06-26 12:12:53	---:---:---	2026-06-26 12:13:00	00:00:07		
29	Arrived; Error	2981	4786741	59777			0	033	000032	Pharmacy	000033	Ward 33	2026-06-26 12:13:38	2026-06-26 12:13:45	2026-06-26 12:14:04	2026-06-26 12:14:48	00:00:44	09PC01E1	
30	Arrived; Error	2981	6247942	12187	9753400	80	1	033	000032	Pharmacy	000033	Ward 33	2026-06-26 12:13:39	2026-06-26 12:13:45	2026-06-26 12:14:04	2026-06-26 12:14:48	00:00:44	09PC01E1	
31	Arrived; Error	2981	6346673	06217	4479954	46	1	033	000032	Pharmacy	000033	Ward 33	2026-06-26 12:13:40	2026-06-26 12:13:45	2026-06-26 12:14:04	2026-06-26 12:14:48	00:00:44	09PC01E1	
32	Arrived; Error	2981	2778294	55358	2164008		1	033	000032	Pharmacy	000033	Ward 33	2026-06-26 12:13:41	2026-06-26 12:13:45	2026-06-26 12:14:04	2026-06-26 12:14:48	00:00:44	09PC01E1	
33	Arrived; Error	2981	7720704	91130	0232957		0	033	000032	Pharmacy	000033	Ward 33	2026-06-26 12:13:42	2026-06-26 12:13:45	2026-06-26 12:14:04	2026-06-26 12:14:48	00:00:44	09PC01E1	
34	Arrived; Error	2981	9838001	03956			0	033	000032	Pharmacy	000033	Ward 33	2026-06-26 12:15:12	2026-06-26 12:15:15	2026-06-26 12:15:27	2026-06-26 12:16:05	00:00:38	09PC01E2	
35	Job-Brd; Man. Confirmed	2981	3783483	08338	7414030	12	0	033	000032	Pharmacy	000033	Ward 33	2026-06-26 12:16:19	2026-06-26 12:16:25	2026-06-26 12:16:40	2026-06-26 12:18:29	00:01:49	09PC01E3	
36	Job-Brd; Man. Confirmed	2981	7784679	67253	9628654	30	1	033	000032	Pharmacy	000033	Ward 33	2026-06-26 12:16:20	2026-06-26 12:16:25	2026-06-26 12:16:40	2026-06-26 12:18:34	00:01:54	09PC01E3	
37	Job-Brd; Man. Confirmed	2981	1557857	89157	6396143		1	033	000032	Pharmacy	000033	Ward 33	2026-06-26 12:16:21	2026-06-26 12:16:25	2026-06-26 12:16:40	2026-06-26 12:18:35	00:01:55	09PC01E3	
38	Arrived; Man. Confirmed	2981	3602338	04019	0476687	82	1	033	000032	Pharmacy	000033	Ward 33	2026-06-26 12:24:28	2026-06-26 12:24:36	2026-06-26 12:24:52	2026-06-26 12:25:15	00:00:23	09PC01E4	
39	Arrived	2981	6223660	88844	5324699	29	1	033	000032	Pharmacy	000033	Ward 33	2026-06-26 12:24:29	2026-06-26 12:24:36	2026-06-26 12:24:52	2026-06-26 12:25:15	00:00:23	09PC01E4	
40	Arrived	2981	6125561	27000	8262514	78	0	033	000032	Pharmacy	000033	Ward 33	2026-06-26 12:24:30	2026-06-26 12:24:36	2026-06-26 12:24:52	2026-06-26 12:25:15	00:00:23	09PC01E4	
41	archived; Timeout	2981	4346049	22362	6379024		0	033					2026-06-26 12:25:40	2026-06-26 12:25:45	---:---:---	---:---:---	00:00:00		
42	archived; Timeout	2981	8893064	37882	1774987	51	0	033					2026-06-26 12:25:42	2026-06-26 12:25:45	---:---:---	---:---:---	00:00:00		
43	archived; Timeout	2981	2552557	39953	0479408		0	033					2026-06-26 12:25:42	2026-06-26 12:25:45	---:---:---	---:---:---	00:00:00		

29.06.2026 10:01:49

General

The “HIS Data” tab displays a list of all carrier contents that have been checked in. The entries show the progress of the transport from check-in to the arrival of the carrier.

The contents have been checked in, but the carrier hasn’t departed yet.

Index	Status	CID	AN	LN	HN	VN	Prio	Scan-Dest	Origin	Origin Name	Destination	Dest. Name	Scan Time	Checkin Time	Carrier in STS	Departure Time	Arrival Time	Transport Time	TAN
98	Checking	Confirm	2981	8247740	13187	9753400	80	1	033				23.06.2026 09:03:06	23.06.2026 09:03:20	---:---:---	---:---:---	---:---:---	00:00:00	
99	Checking	Confirm	2981	2778294	55358	2164008		1	033				23.06.2026 09:03:16	23.06.2026 09:03:20	---:---:---	---:---:---	---:---:---	00:00:00	

The carrier is on its way; the TAN has been registered.

Index	Status	CID	AN	LN	HN	VN	Prio	Scan-Dest	Origin	Origin Name	Destination	Dest. Name	Scan Time	Checkin Time	Carrier in STS	Departure Time	Arrival Time	Transport Time	TAN
98	Transport	Confirm	2981	8247740	13187	9753400	80	1	033	000032	Pharmacy	000033	Ward 33	23.06.2026 09:03:06	23.06.2026 09:03:20	23.06.2026 09:05:01	23.06.2026 09:05:01	00:00:00	09PC01E5
99	Transport	Confirm	2981	2778294	55358	2164008		1	033	000032	Pharmacy	000033	Ward 33	23.06.2026 09:03:16	23.06.2026 09:03:20	23.06.2026 09:05:01	23.06.2026 09:05:01	00:00:00	09PC01E5

The carrier has arrived.

Index	Status	CID	AN	LN	HN	VN	Prio	Scan-Dest	Origin	Origin Name	Destination	Dest. Name	Scan Time	Checkin Time	Carrier in STS	Departure Time	Arrival Time	Transport Time	TAN
98	Arrived		2981	8247740	13187	9753400	80	1	033	000032	Pharmacy	000033	Ward 33	23.06.2026 09:03:06	23.06.2026 09:03:20	23.06.2026 09:05:01	23.06.2026 09:05:19	00:00:18	09PC01E5
99	Arrived		2981	2778294	55358	2164008		1	033	000032	Pharmacy	000033	Ward 33	23.06.2026 09:03:16	23.06.2026 09:03:20	23.06.2026 09:05:01	23.06.2026 09:05:19	00:00:18	09PC01E5

There are five buttons available for filtering the data:

	Displays all entries in the list (no filter).
	Displays all entries that have been checked in but are not yet in transit.
	Displays all entries that have not yet arrived.
	Displays all entries with completed transport.
	Displays all entries that have been checked in but have not been dispatched within 24 hours.

If 'Auto Update' is enabled, the list is updated automatically.

☒ Auto Update

The 'Confirm' button is displayed for all entries in the list where the transportation has not yet been completed. Clicking the button marks this payload as 'manually confirmed', e.g. if the shipment has not been sent.



State of Content

Depending on the progress of the process, the load may assume various statuses.

Checkin	The load has been scanned and checked in for this TBH.
Transport	The carrier has been departed. The transport's TAN has been registered..
Arrived	The transport has been completed.
Man. Confirmed	The transport has not been completed, but has been manually confirmed by clicking the 'Confirm' button.
Archived	The transport is more than 24 hours old.
Timeout	The load was checked in but was not sent within 24 hours.

Column Meanings:

Index	Sequential number of the entry
Status	Status of the Load
(Confirm)	Column for the Confirm button.
CID	Carrier-ID
AN	AN number from QR code
LN	LN number from QR code
HN	HN number from QR code
VN	VN number from QR code
Prio	0 = no priority; 1 = priority on
Scan-Ziel	Destination address from QR code
Origin	Address number of the sending station
Origin Name	Name of the sending station
Destination	Address of the destination station
Destination Name	Name of the destination station
Scan-Time	The time at which the QR code was scanned
Checkin-Time	The time at which the load was checked in
Carrier in System	The time at which the carrier was placed in the sending station
Departure Time	The time at which the carrier departed from the sending station
Arrival Time	Time of arrival of the carrier
Transport Time	Duration of transport
TAN	Transport ID of the pneumatic tube system.

Note:

Entries older than 2 years are automatically deleted.

4.15.2. Scan Out App



RT-Win4 - Scan Out App V 4.5.6.116 Rel11/1/25/451

Location: Central Laboratory
Operator: MTA L.B. Johnson

Change Operator

Checkout Content-Data

Contents: 13

#	CID	Sub-Carrier / Bag	Scan-Code	Scan-In-Time	Scan-Out-Time	Man. Checkout	State	TAN
1	1004	BAG0081542001	0042 4711 0815	27.01.2021 12:08:35	27.01.2021 12:12:58		TAN; Scan-Out;	47FFC651
2	1004	BAG0081542001	0042 4711 0816	27.01.2021 12:08:37	27.01.2021 12:13:00		TAN; Scan-Out;	47FFC651
3	1004	BAG0081542001	0042 4711 0817	27.01.2021 12:08:39	27.01.2021 12:13:03		TAN; Scan-Out;	47FFC651
4	1004	BAG0081542005	0042 4711 0819	27.01.2021 12:08:51	---	Checkout	TAN;	47FFC651
5	1004	BAG0081542005	0042 4711 0818	27.01.2021 12:08:52	27.01.2021 12:13:08		TAN; Scan-Out;	47FFC651
6	1004	BAG0081542003	0042 4711 0820	27.01.2021 12:09:06	---	Checkout	TAN;	47FFC651
7	1004	BAG0081542003	0042 4711 0829	27.01.2021 12:09:07	---	Checkout	TAN;	47FFC651
8	1004	BAG0081542003	0042 4711 0821	27.01.2021 12:09:09	27.01.2021 12:13:23		TAN; Scan-Out;	47FFC651
9	1004	BAG0081542003	0042 4711 0828	27.01.2021 12:09:10	---	Checkout	TAN;	47FFC651
10	1004	BAG0081542004	0042 4711 0822	27.01.2021 12:09:29	---	Checkout	TAN;	47FFC651
11	1004	BAG0081542004	0042 4711 0827	27.01.2021 12:09:30	---	Checkout	TAN;	47FFC651
12	1004	BAG0081542004	0042 4711 0823	27.01.2021 12:09:32	---	Checkout	TAN;	47FFC651
13	1004	BAG0081542004	0042 4711 0826	27.01.2021 12:09:33	---	Checkout	TAN;	47FFC651

Checkout all

27.01.2021 12:13:31

4.15.2.1. General Information / Start

The "Scan Out" app is the counterpart to the "Scan In" app. It is used to check out the content of a TBH after arrival.

The app is started in the same way as the "Scan In" app. (See **Fehler! Verweisquelle konnte nicht gefunden werden.**)

4.15.2.2. Options

The settings in the app are made in the same way as in the "Scan In" app. (See **Fehler! Verweisquelle konnte nicht gefunden werden.**)

4.15.2.3. Checkout Procedure

To scan a carrier, a packaging unit or the content of a carrier, the "Checkout" tab must be active.

Checkout **Content-Data**

Contents: 13

#	CID	Sub-Carrier / t
---	-----	-----------------

When checking out the content, no fixed scan sequence is required.

If a carrier is scanned, all contents checked in for this carrier are displayed. The number of contents in the carrier is displayed.

If an ID of the load is scanned, the complete content of this carrier is also listed.

Contents: 13

#	CID	Sub-Carrier / Bag	Scan-Code	Scan-In-Time	Scan-Out-Time	Man. Checkout	State	TAN
1	1004	BAG0081542001	0042 4711 0815	27.01.2021 12:08:35	27.01.2021 12:12:58		TAN; Scan-Out;	47FFC651
2	1004	BAG0081542001	0042 4711 0816	27.01.2021 12:08:37	27.01.2021 12:13:00		TAN; Scan-Out;	47FFC651
3	1004	BAG0081542001	0042 4711 0817	27.01.2021 12:08:39	27.01.2021 12:13:03		TAN; Scan-Out;	47FFC651
4	1004	BAG0081542005	0042 4711 0819	27.01.2021 12:08:51	---	Checkout	TAN;	47FFC651
5	1004	BAG0081542005	0042 4711 0818	27.01.2021 12:08:52	27.01.2021 12:13:08		TAN; Scan-Out;	47FFC651
6	1004	BAG0081542003	0042 4711 0820	27.01.2021 12:09:06	---	Checkout	TAN;	47FFC651
7	1004	BAG0081542003	0042 4711 0829	27.01.2021 12:09:07	---	Checkout	TAN;	47FFC651
8	1004	BAG0081542003	0042 4711 0821	27.01.2021 12:09:09	27.01.2021 12:13:23		TAN; Scan-Out;	47FFC651
9	1004	BAG0081542003	0042 4711 0828	27.01.2021 12:09:10	---	Checkout	TAN;	47FFC651
10	1004	BAG0081542004	0042 4711 0822	27.01.2021 12:09:29	---	Checkout	TAN;	47FFC651
11	1004	BAG0081542004	0042 4711 0827	27.01.2021 12:09:30	---	Checkout	TAN;	47FFC651
12	1004	BAG0081542004	0042 4711 0823	27.01.2021 12:09:32	---	Checkout	TAN;	47FFC651
13	1004	BAG0081542004	0042 4711 0826	27.01.2021 12:09:33	---	Checkout	TAN;	47FFC651

If a piece of content has been scanned, the scan-out time is entered and the "Checkout" button disappears. The "Scan-Out" entry is added to the status.

#	CID	Sub-Carrier / Bag	Scan-Code	Scan-In-Time	Scan-Out-Time	Man. Checkout	State	TAN
1	1004	BAG0081542001	0042 4711 0815	27.01.2021 12:08:35	27.01.2021 12:12:58		TAN; Scan-Out;	47FFC651
2	1004	BAG0081542001	0042 4711 0816	27.01.2021 12:08:37	27.01.2021 12:13:00		TAN; Scan-Out;	47FFC651
3	1004	BAG0081542001	0042 4711 0817	27.01.2021 12:08:39	27.01.2021 12:13:03		TAN; Scan-Out;	47FFC651
4	1004	BAG0081542005	0042 4711 0819	27.01.2021 12:08:51	---	Checkout	TAN;	47FFC651

The "Checkout" button can be used to check out single entries (e.g. if the barcode cannot be scanned).

The status then receives the entry "Man. Checkout"

11	1004	BAG0081542004	0042 4711 0827	27.01.2021 12:09:30	27.01.2021 12:41:18		TAN; Man. Checkout;	47FFC651
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If the ID of a packaging unit is scanned, only the content of this packaging unit is listed.

Contents: 4

#	CID	Sub-Carrier / Bag	Scan-Code	Scan-In-Time	Scan-Out-Time	Man. Checkout	State	TAN
1	1004	BAG0081542003	0042 4711 0820	27.01.2021 12:09:06	---	Checkout	TAN;	47FFC651
2	1004	BAG0081542003	0042 4711 0829	27.01.2021 12:09:07	---	Checkout	TAN;	47FFC651
3	1004	BAG0081542003	0042 4711 0821	27.01.2021 12:09:09	27.01.2021 12:13:23		TAN; Scan-Out;	47FFC651
4	1004	BAG0081542003	0042 4711 0828	27.01.2021 12:09:10	---	Checkout	TAN;	47FFC651

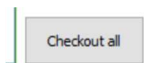
If the complete contents of the carrier have been scanned, the message "Checkout complete!" appears.

Contents: Checkout complete!

#	CID	Sub-Carrier / Bag	Scan-Code	Scan-In-Time	Scan-Out-Time	Man. Checkout	State	TAN
1	1004	BAG0081542001	0042 4711 0815	27.01.2021 12:08:35	27.01.2021 12:51:13		TAN; Scan-Out;	47FFC651
2	1004	BAG0081542001	0042 4711 0816	27.01.2021 12:08:37	27.01.2021 12:51:14		TAN; Scan-Out;	47FFC651
3	1004	BAG0081542001	0042 4711 0817	27.01.2021 12:08:39	27.01.2021 12:51:15		TAN; Scan-Out;	47FFC651
4	1004	BAG0081542005	0042 4711 0819	27.01.2021 12:08:51	27.01.2021 12:51:16		TAN; Scan-Out;	47FFC651
5	1004	BAG0081542005	0042 4711 0818	27.01.2021 12:08:52	27.01.2021 12:51:16		TAN; Scan-Out;	47FFC651
6	1004	BAG0081542003	0042 4711 0820	27.01.2021 12:09:06	27.01.2021 12:51:18		TAN; Scan-Out;	47FFC651
7	1004	BAG0081542003	0042 4711 0829	27.01.2021 12:09:07	27.01.2021 12:51:36		TAN; Scan-Out;	47FFC651
8	1004	BAG0081542003	0042 4711 0821	27.01.2021 12:09:09	27.01.2021 12:51:18		TAN; Scan-Out;	47FFC651
9	1004	BAG0081542003	0042 4711 0828	27.01.2021 12:09:10	27.01.2021 12:51:33		TAN; Scan-Out;	47FFC651
10	1004	BAG0081542004	0042 4711 0822	27.01.2021 12:09:29	27.01.2021 12:51:19		TAN; Scan-Out;	47FFC651
11	1004	BAG0081542004	0042 4711 0827	27.01.2021 12:09:30	27.01.2021 12:51:28		TAN; Scan-Out; Man.	47FFC651
12	1004	BAG0081542004	0042 4711 0823	27.01.2021 12:09:32	27.01.2021 12:51:21		TAN; Scan-Out;	47FFC651
13	1004	BAG0081542004	0042 4711 0826	27.01.2021 12:09:33	27.01.2021 12:51:26		TAN; Scan-Out;	47FFC651

The display remains until the next scan.

The "Checkout all" button can be used to manually check out all content currently displayed in the list. All entries receive the status "Man. Checkout".



Contents: Checkout complete!

#	CID	Sub-Carrier / Bag	Scan-Code	Scan-In-Time	Scan-Out-Time	Man. Checkout	State	TAN
1	1004	BAG0081542003	0042 4711 0815	27.01.2021 12:56:10	27.01.2021 12:59:23		TAN; Man. Checkout;	47FFC652
2	1004	BAG0081542003	0042 4711 0826	27.01.2021 12:56:11	27.01.2021 12:59:23		TAN; Man. Checkout;	47FFC652
3	1004	BAG0081542003	0042 4711 0817	27.01.2021 12:56:14	27.01.2021 12:59:23		TAN; Man. Checkout;	47FFC652
4	1004	BAG0081542003	0042 4711 0828	27.01.2021 12:56:16	27.01.2021 12:59:23		TAN; Man. Checkout;	47FFC652
5	1004	BAG0081542003	0042 4711 0819	27.01.2021 12:56:18	27.01.2021 12:59:23		TAN; Man. Checkout;	47FFC652

Checkout all

4.15.2.4. Content Data

RT-Win4 - Scan Out App V 4.5.6.116 Rel11/1/25/451

Location: Central Laboratory
Operator: MTA L.B. Johnson

Change Operator

Checkout Content Data

All Not processed Timeout Refresh

#	Scan-Code	State	Man. Checkout	CID	Sub-Carrier / Bag	TAN	Checkin-Location	Checkin-Operator	Scan-In-Time	Checkin-Complete	Carrier-Departure	Carrier-Arrival	Checkout-Location	Checkout-Operator	Scan-Out-Time	Checkout-complete
69	[0402 4711 0818]	TAN; Scan-Out; Archived)		1004	BAG0081542005	49FFC051	Emergency Room	Mrs. Smith	27.01.2021 12:08:51	27.01.2021 12:09:37	27.01.2021 12:10:03	27.01.2021 12:11:31	Central Laboratory	MTA L.B. Johnson	27.01.2021 12:51:16	27.01.2021 12:51:37
70	[0402 4711 0818]	TAN; Scan-Out; Archived)		1004	BAG0081542005	49FFC051	Emergency Room	Mrs. Smith	27.01.2021 12:08:52	27.01.2021 12:09:37	27.01.2021 12:10:03	27.01.2021 12:11:31	Central Laboratory	MTA L.B. Johnson	27.01.2021 12:51:16	27.01.2021 12:51:36
71	[0402 4711 0820]	TAN; Scan-Out; Archived)		1004	BAG0081542003	49FFC051	Emergency Room	Mrs. Smith	27.01.2021 12:09:06	27.01.2021 12:09:37	27.01.2021 12:10:03	27.01.2021 12:11:31	Central Laboratory	MTA L.B. Johnson	27.01.2021 12:51:18	27.01.2021 12:51:37
72	[0402 4711 0820]	TAN; Scan-Out; Archived)		1004	BAG0081542003	49FFC051	Emergency Room	Mrs. Smith	27.01.2021 12:09:07	27.01.2021 12:09:37	27.01.2021 12:10:03	27.01.2021 12:11:31	Central Laboratory	MTA L.B. Johnson	27.01.2021 12:51:16	27.01.2021 12:51:36
73	[0402 4711 0821]	TAN; Scan-Out; Archived)		1004	BAG0081542003	49FFC051	Emergency Room	Mrs. Smith	27.01.2021 12:09:09	27.01.2021 12:09:37	27.01.2021 12:10:03	27.01.2021 12:11:31	Central Laboratory	MTA L.B. Johnson	27.01.2021 12:51:18	27.01.2021 12:51:37
74	[0402 4711 0828]	TAN; Scan-Out; Archived)		1004	BAG0081542003	49FFC051	Emergency Room	Mrs. Smith	27.01.2021 12:09:10	27.01.2021 12:09:37	27.01.2021 12:10:03	27.01.2021 12:11:31	Central Laboratory	MTA L.B. Johnson	27.01.2021 12:51:33	27.01.2021 12:51:36
75	[0402 4711 0822]	TAN; Scan-Out; Archived)		1004	BAG0081542004	49FFC051	Emergency Room	Mrs. Smith	27.01.2021 12:09:20	27.01.2021 12:09:37	27.01.2021 12:10:03	27.01.2021 12:11:31	Central Laboratory	MTA L.B. Johnson	27.01.2021 12:51:19	27.01.2021 12:51:37
76	[0402 4711 0827]	TAN; Scan-Out; Man. Checkout; Archived)		1004	BAG0081542004	49FFC051	Emergency Room	Mrs. Smith	27.01.2021 12:09:30	27.01.2021 12:09:37	27.01.2021 12:10:03	27.01.2021 12:11:31	Central Laboratory	MTA L.B. Johnson	27.01.2021 12:51:28	27.01.2021 12:51:36
77	[0402 4711 0823]	TAN; Scan-Out; Archived)		1004	BAG0081542004	49FFC051	Emergency Room	Mrs. Smith	27.01.2021 12:09:32	27.01.2021 12:09:37	27.01.2021 12:10:03	27.01.2021 12:11:31	Central Laboratory	MTA L.B. Johnson	27.01.2021 12:51:21	27.01.2021 12:51:37
78	[0402 4711 0826]	TAN; Scan-Out; Archived)		1004	BAG0081542004	49FFC051	Emergency Room	Mrs. Smith	27.01.2021 12:09:33	27.01.2021 12:09:37	27.01.2021 12:10:03	27.01.2021 12:11:31	Central Laboratory	MTA L.B. Johnson	27.01.2021 12:51:26	27.01.2021 12:51:36
79	[0402 4711 0815]	TAN; Man. Checkout; Archived)		1004	BAG0081542003	49FFC052	Emergency Room	Mrs. Smith	27.01.2021 12:56:10	27.01.2021 12:56:21	27.01.2021 12:56:49	27.01.2021 12:58:16	MTA L.B. Johnson	27.01.2021 12:59:23	27.01.2021 12:59:23	
80	[0402 4711 0826]	TAN; Man. Checkout; Archived)		1004	BAG0081542003	49FFC052	Emergency Room	Mrs. Smith	27.01.2021 12:56:11	27.01.2021 12:56:21	27.01.2021 12:56:49	27.01.2021 12:58:16	MTA L.B. Johnson	27.01.2021 12:59:23	27.01.2021 12:59:24	
81	[0402 4711 0817]	TAN; Man. Checkout; Archived)		1004	BAG0081542003	49FFC052	Emergency Room	Mrs. Smith	27.01.2021 12:56:14	27.01.2021 12:56:21	27.01.2021 12:56:49	27.01.2021 12:58:16	MTA L.B. Johnson	27.01.2021 12:59:23	27.01.2021 12:59:23	
82	[0402 4711 0828]	TAN; Man. Checkout; Archived)		1004	BAG0081542003	49FFC052	Emergency Room	Mrs. Smith	27.01.2021 12:56:16	27.01.2021 12:56:21	27.01.2021 12:56:49	27.01.2021 12:58:16	MTA L.B. Johnson	27.01.2021 12:59:23	27.01.2021 12:59:24	
83	[0402 4711 0819]	TAN; Man. Checkout; Archived)		1004	BAG0081542003	49FFC052	Emergency Room	Mrs. Smith	27.01.2021 12:56:18	27.01.2021 12:56:21	27.01.2021 12:56:49	27.01.2021 12:58:16	MTA L.B. Johnson	27.01.2021 12:59:23	27.01.2021 12:59:23	

27.01.2021 13:05:56

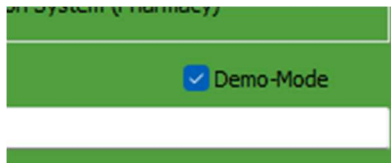
The "Content-Data" tab works analogously to the same function in the "Scan In" app.
(See 0)

4.15.3. Demo-Mode

In demo mode, the sequence of a sending process can be simulated using the ScanIn or ScanOut app.

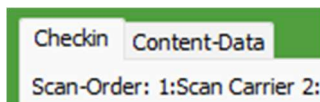
Note: In demo mode, no transport is created in the RT-Win4 history.

First, you need to enable demo mode in the settings.



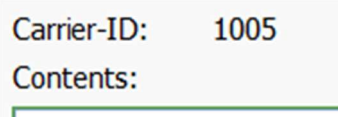
4.15.3.1. Demo in LIS-Mode

To be able to register a TBH and its contents, the 'Checkin' tab in the Scan In app must be active.



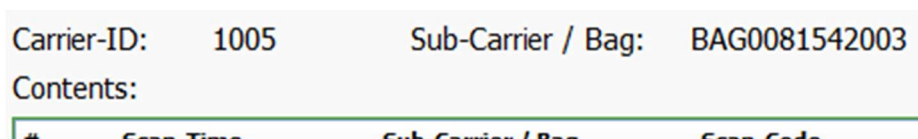
You can then start the demo scan. (See Appendix 5.2 for sample code)

1. Scan the Carrier.
Scan the barcode on the carrier. The Carrier ID is displayed above the contents list..



The next step can only be taken once the carrier has been successfully scanned.

2. Scan Sub Carrier / Bags (Option)
If the loaded goods are to be assigned to one or more sub carriers (insert or bag), these must be scanned once before the loaded goods are scanned. The details of the current sub carrier are displayed alongside the Carrier ID.



The loaded goods are now assigned to this inner container until another inner container is scanned or the scanning process is completed.

3. Scan the payload

Once the carrier ID and, where needed, the inner container have been scanned, the payload is then recorded. The scanned barcodes appear in the contents list.

Contents:

#	Scan-Time	Sub-Carrier / Bag	Scan-Code
1	2026-07-28 09:08:27	BAG0081542003	0042 4711 0815
2	2026-07-28 09:08:33	BAG0081542003	0042 4711 0816
3	2026-07-28 09:08:37	BAG0081542003	0042 4711 0817
4	2026-07-28 09:08:40	BAG0081542003	0042 4711 0818
5	2026-07-28 09:08:47	BAG0081542003	0042 4711 0819
6	2026-07-28 09:09:01	BAG0081542001	0042 4711 0829
7	2026-07-28 09:09:03	BAG0081542001	0042 4711 0828
8	2026-07-28 09:09:09	BAG0081542001	0042 4711 0826
9	2026-07-28 09:09:15	BAG0081542001	0042 4711 0827

4. Complete the check-in of the cargo by clicking the 'Enter' button or by scanning the 'Checkin!' barcode.



The 'Check-in' tab is then reset.

5. To simulate the remaining stages of the transport, switch to the 'Content-Data' tab. The registered content-data is displayed at the bottom of the content-data list.

#	Scan-Code	Status	Main Check-out	CBD	Sub-Carrier / Bag	TAH	Check-in Location	Check-in Operator	Scan In Time	Check-in Complete	Carrier Departure	Carrier Arrival	Check-out Location	Check-out Operator	Scan Out Time	Check-out Complete
122	0042 4711 0827	TAH: Main Check-out: Arrived		0005	BAG0081542001	017C7E28	Ward 42	F. Hörtig	2026-07-28 09:09:15	2026-07-28 09:10:22	2026-07-28 09:12:15	2026-07-28 09:13:05	Laboratory	Dr. Jell	2026-07-28 09:17:49	2026-07-28 09:17:52
123	0042 4711 0815	Scan-In	Check-out	0005	BAG0081542003	00000000	Ward 42	F. Hörtig	2026-07-28 09:19:39	2026-07-28 09:20:28	---	---	---	---	---	---
124	0042 4711 0816	Scan-In	Check-out	0005	BAG0081542003	00000000	Ward 42	F. Hörtig	2026-07-28 09:19:41	2026-07-28 09:20:18	---	---	---	---	---	---
125	0042 4711 0817	Scan-In	Check-out	0005	BAG0081542003	00000000	Ward 42	F. Hörtig	2026-07-28 09:19:42	2026-07-28 09:20:18	---	---	---	---	---	---
126	0042 4711 0818	Scan-In	Check-out	0005	BAG0081542003	00000000	Ward 42	F. Hörtig	2026-07-28 09:19:44	2026-07-28 09:20:18	---	---	---	---	---	---
127	0042 4711 0819	Scan-In	Check-out	0005	BAG0081542003	00000000	Ward 42	F. Hörtig	2026-07-28 09:19:46	2026-07-28 09:20:18	---	---	---	---	---	---
128	0042 4711 0828	Scan-In	Check-out	0005	BAG0081542001	00000000	Ward 42	F. Hörtig	2026-07-28 09:19:58	2026-07-28 09:20:18	---	---	---	---	---	---
129	0042 4711 0828	Scan-In	Check-out	0005	BAG0081542001	00000000	Ward 42	F. Hörtig	2026-07-28 09:19:59	2026-07-28 09:20:18	---	---	---	---	---	---
130	0042 4711 0826	Scan-In	Check-out	0005	BAG0081542001	00000000	Ward 42	F. Hörtig	2026-07-28 09:20:01	2026-07-28 09:20:18	---	---	---	---	---	---
131	0042 4711 0827	Scan-In	Check-out	0005	BAG0081542001	00000000	Ward 42	F. Hörtig	2026-07-28 09:20:04	2026-07-28 09:20:18	---	---	---	---	---	---

6. Clicking the 'Demo – Next Step' button enters the departure time for each piece of payload..

Demo - Next Step

#	Scan-Code	State	Man. Checkout	CID	Sub-Carrier / Bag	TAN	Checkin-Location	Checkin-Operator	Scan-In-Time	Checkin-Complete	Carrier-Departure	Carrier-Arrival	Checkout-Location	Checkout-Operator	Scan-Out-Time	Checkout-Complete
123	0042 4711 0827	TAN; Man. Checkout: Activated	☐	1005	BAG0081542001	617C7E28	Ward 42	F. Haptingale	2026-07-28 09:09:15	2026-07-28 09:10:22	2026-07-28 09:12:15	2026-07-28 09:13:05	Laboratory	Dr. Jekyll	2026-07-28 09:17:49	2026-07-28 09:17:52
124	0042 4711 0815	TAN;	☐	1005	BAG0081542003	6CDD67F6	Ward 42	F. Haptingale	2026-07-28 09:19:39	2026-07-28 09:20:18	2026-07-28 09:21:06	2026-07-28 09:22:10			2026-07-28 09:22:10	2026-07-28 09:22:10
125	0042 4711 0816	TAN;	☐	1005	BAG0081542003	6CDD67F6	Ward 42	F. Haptingale	2026-07-28 09:19:41	2026-07-28 09:20:18	2026-07-28 09:21:06	2026-07-28 09:22:10			2026-07-28 09:22:10	2026-07-28 09:22:10
126	0042 4711 0817	TAN;	☐	1005	BAG0081542003	6CDD67F6	Ward 42	F. Haptingale	2026-07-28 09:19:42	2026-07-28 09:20:18	2026-07-28 09:21:06	2026-07-28 09:22:10			2026-07-28 09:22:10	2026-07-28 09:22:10
127	0042 4711 0818	TAN;	☐	1005	BAG0081542003	6CDD67F6	Ward 42	F. Haptingale	2026-07-28 09:19:44	2026-07-28 09:20:18	2026-07-28 09:21:06	2026-07-28 09:22:10			2026-07-28 09:22:10	2026-07-28 09:22:10
128	0042 4711 0819	TAN;	☐	1005	BAG0081542003	6CDD67F6	Ward 42	F. Haptingale	2026-07-28 09:19:46	2026-07-28 09:20:18	2026-07-28 09:21:06	2026-07-28 09:22:10			2026-07-28 09:22:10	2026-07-28 09:22:10
129	0042 4711 0829	TAN;	☐	1005	BAG0081542001	6CDD67F6	Ward 42	F. Haptingale	2026-07-28 09:19:58	2026-07-28 09:20:18	2026-07-28 09:21:06	2026-07-28 09:22:10			2026-07-28 09:22:10	2026-07-28 09:22:10
129	0042 4711 0828	TAN;	☐	1005	BAG0081542001	6CDD67F6	Ward 42	F. Haptingale	2026-07-28 09:19:59	2026-07-28 09:20:18	2026-07-28 09:21:06	2026-07-28 09:22:10			2026-07-28 09:22:10	2026-07-28 09:22:10
130	0042 4711 0826	TAN;	☐	1005	BAG0081542001	6CDD67F6	Ward 42	F. Haptingale	2026-07-28 09:20:01	2026-07-28 09:20:18	2026-07-28 09:21:06	2026-07-28 09:22:10			2026-07-28 09:22:10	2026-07-28 09:22:10
131	0042 4711 0827	TAN;	☐	1005	BAG0081542001	6CDD67F6	Ward 42	F. Haptingale	2026-07-28 09:20:04	2026-07-28 09:20:18	2026-07-28 09:21:06	2026-07-28 09:22:10			2026-07-28 09:22:10	2026-07-28 09:22:10

7. Clicking the 'Demo – Next Step' button again will enter the arrival time for each loaded item.

Demo - Next Step

#	Scan-Code	State	Man. Checkout	CID	Sub-Carrier / Bag	TAN	Checkin-Location	Checkin-Operator	Scan-In-Time	Checkin-Complete	Carrier-Departure	Carrier-Arrival	Checkout-Location	Checkout-Operator	Scan-Out-Time	Checkout-Complete
122	0042 4711 0827	TAN; Man. Checkout: Activated	☐	1005	BAG0081542001	617C7E28	Ward 42	F. Haptingale	2026-07-28 09:09:15	2026-07-28 09:10:22	2026-07-28 09:12:15	2026-07-28 09:13:05	Laboratory	Dr. Jekyll	2026-07-28 09:17:49	2026-07-28 09:17:52
123	0042 4711 0815	TAN;	☐	1005	BAG0081542003	6CDD67F6	Ward 42	F. Haptingale	2026-07-28 09:19:39	2026-07-28 09:20:18	2026-07-28 09:21:06	2026-07-28 09:22:10			2026-07-28 09:22:10	2026-07-28 09:22:10
124	0042 4711 0816	TAN;	☐	1005	BAG0081542003	6CDD67F6	Ward 42	F. Haptingale	2026-07-28 09:19:41	2026-07-28 09:20:18	2026-07-28 09:21:06	2026-07-28 09:22:10			2026-07-28 09:22:10	2026-07-28 09:22:10
125	0042 4711 0817	TAN;	☐	1005	BAG0081542003	6CDD67F6	Ward 42	F. Haptingale	2026-07-28 09:19:42	2026-07-28 09:20:18	2026-07-28 09:21:06	2026-07-28 09:22:10			2026-07-28 09:22:10	2026-07-28 09:22:10
126	0042 4711 0818	TAN;	☐	1005	BAG0081542003	6CDD67F6	Ward 42	F. Haptingale	2026-07-28 09:19:44	2026-07-28 09:20:18	2026-07-28 09:21:06	2026-07-28 09:22:10			2026-07-28 09:22:10	2026-07-28 09:22:10
127	0042 4711 0819	TAN;	☐	1005	BAG0081542003	6CDD67F6	Ward 42	F. Haptingale	2026-07-28 09:19:46	2026-07-28 09:20:18	2026-07-28 09:21:06	2026-07-28 09:22:10			2026-07-28 09:22:10	2026-07-28 09:22:10
128	0042 4711 0829	TAN;	☐	1005	BAG0081542001	6CDD67F6	Ward 42	F. Haptingale	2026-07-28 09:19:58	2026-07-28 09:20:18	2026-07-28 09:21:06	2026-07-28 09:22:10			2026-07-28 09:22:10	2026-07-28 09:22:10
129	0042 4711 0828	TAN;	☐	1005	BAG0081542001	6CDD67F6	Ward 42	F. Haptingale	2026-07-28 09:19:59	2026-07-28 09:20:18	2026-07-28 09:21:06	2026-07-28 09:22:10			2026-07-28 09:22:10	2026-07-28 09:22:10
130	0042 4711 0826	TAN;	☐	1005	BAG0081542001	6CDD67F6	Ward 42	F. Haptingale	2026-07-28 09:20:01	2026-07-28 09:20:18	2026-07-28 09:21:06	2026-07-28 09:22:10			2026-07-28 09:22:10	2026-07-28 09:22:10
131	0042 4711 0827	TAN;	☐	1005	BAG0081542001	6CDD67F6	Ward 42	F. Haptingale	2026-07-28 09:20:04	2026-07-28 09:20:18	2026-07-28 09:21:06	2026-07-28 09:22:10			2026-07-28 09:22:10	2026-07-28 09:22:10

8. The cargo is checked out using the Scan Out app. The 'Checkout' tab must be active.

Checkout Content-Data

Contents: ---

#	CID	Sub
---	-----	-----

9. Scanning the carrier displays the content recorded in the system.

Contents: 9

#	CID	Sub-Carrier / Bag	Scan-Code	Scan-In-Time	Scan-Out-Time	Man. Checkout	State	TAN
1	1005	BAG0081542003	0042 4711 0815	2026-07-28 09:19:39	---	☐	TAN;	6CDD67F6
2	1005	BAG0081542003	0042 4711 0816	2026-07-28 09:19:41	---	☐	TAN;	6CDD67F6
3	1005	BAG0081542003	0042 4711 0817	2026-07-28 09:19:42	---	☐	TAN;	6CDD67F6
4	1005	BAG0081542003	0042 4711 0818	2026-07-28 09:19:44	---	☐	TAN;	6CDD67F6
5	1005	BAG0081542003	0042 4711 0819	2026-07-28 09:19:46	---	☐	TAN;	6CDD67F6
6	1005	BAG0081542001	0042 4711 0829	2026-07-28 09:19:58	---	☐	TAN;	6CDD67F6
7	1005	BAG0081542001	0042 4711 0828	2026-07-28 09:19:59	---	☐	TAN;	6CDD67F6
8	1005	BAG0081542001	0042 4711 0826	2026-07-28 09:20:01	---	☐	TAN;	6CDD67F6
9	1005	BAG0081542001	0042 4711 0827	2026-07-28 09:20:04	---	☐	TAN;	6CDD67F6

If the sub-carrier (bag) is scanned, only the contents of that particular sub-carrier are displayed.

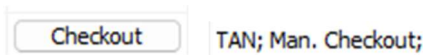
Contents: 4

#	CID	Sub-Carrier / Bag	Scan-Code	Scan-In-Time	Scan-Out-Time	Man. Checkout	State	TAN
1	1005	BAG0081542001	0042 4711 0829	2026-07-28 09:19:58	---	☐	TAN;	6CDD67F6
2	1005	BAG0081542001	0042 4711 0828	2026-07-28 09:19:59	---	☐	TAN;	6CDD67F6
3	1005	BAG0081542001	0042 4711 0826	2026-07-28 09:20:01	---	☐	TAN;	6CDD67F6
4	1005	BAG0081542001	0042 4711 0827	2026-07-28 09:20:04	---	☐	TAN;	6CDD67F6

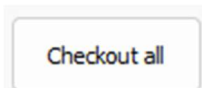
10. By scanning the loaded goods, the individual items are checked out.

Contents:		9						
#	CID	Sub-Carrier / Bag	Scan-Code	Scan-In-Time	Scan-Out-Time	Man. Checkout	State	TAN
1	1005	BAG0081542003	0042 4711 0815	2026-07-28 09:19:39	2026-07-28 09:27:33		TAN; Scan-Out;	6CDD67F6
2	1005	BAG0081542003	0042 4711 0816	2026-07-28 09:19:41	---	Checkout	TAN;	6CDD67F6
3	1005	BAG0081542003	0042 4711 0817	2026-07-28 09:19:42	2026-07-28 09:29:00		TAN; Scan-Out;	6CDD67F6
4	1005	BAG0081542003	0042 4711 0818	2026-07-28 09:19:44	---	Checkout	TAN;	6CDD67F6
5	1005	BAG0081542003	0042 4711 0819	2026-07-28 09:19:46	---	Checkout	TAN;	6CDD67F6
6	1005	BAG0081542001	0042 4711 0829	2026-07-28 09:19:58	---	Checkout	TAN;	6CDD67F6
7	1005	BAG0081542001	0042 4711 0828	2026-07-28 09:19:59	---	Checkout	TAN;	6CDD67F6
8	1005	BAG0081542001	0042 4711 0826	2026-07-28 09:20:01	---	Checkout	TAN;	6CDD67F6
9	1005	BAG0081542001	0042 4711 0827	2026-07-28 09:20:04	2026-07-28 09:29:06		TAN; Scan-Out;	6CDD67F6

11. The 'Checkout' button can be used to manually check out individual items of the loaded goods. A corresponding message appears in the status.



The 'Checkout All' button is used to manually check out all items in the payload. A corresponding message appears in the status.



12. Once all items in the load have been checked out, the message 'Check-out complete' is displayed.

Contents:		Checkout complete!						
#	CID	Sub-Carrier / Bag	Scan-Code	Scan-In-Time	Scan-Out-Time	Man. Checkout	State	TAN
1	1005	BAG0081542003	0042 4711 0815	2026-07-28 09:19:39	2026-07-28 09:34:19		TAN; Scan-Out;	6CDD67F6
2	1005	BAG0081542003	0042 4711 0816	2026-07-28 09:19:41	2026-07-28 09:34:19		TAN; Scan-Out;	6CDD67F6
3	1005	BAG0081542003	0042 4711 0817	2026-07-28 09:19:42	2026-07-28 09:34:19		TAN; Scan-Out;	6CDD67F6
4	1005	BAG0081542003	0042 4711 0818	2026-07-28 09:19:44	2026-07-28 09:34:19		TAN; Man. Checkout;	6CDD67F6
5	1005	BAG0081542003	0042 4711 0819	2026-07-28 09:19:46	2026-07-28 09:34:19		TAN; Man. Checkout;	6CDD67F6
6	1005	BAG0081542001	0042 4711 0829	2026-07-28 09:19:58	2026-07-28 09:34:19		TAN; Man. Checkout;	6CDD67F6
7	1005	BAG0081542001	0042 4711 0828	2026-07-28 09:19:59	2026-07-28 09:34:19		TAN; Man. Checkout;	6CDD67F6
8	1005	BAG0081542001	0042 4711 0826	2026-07-28 09:20:01	2026-07-28 09:34:19		TAN; Scan-Out;	6CDD67F6
9	1005	BAG0081542001	0042 4711 0827	2026-07-28 09:20:04	2026-07-28 09:34:19		TAN; Scan-Out;	6CDD67F6

13. End of the demo. All entries in the load list are now completed. Another demo can now be started..

#	Scan-Code	State	Man. Checkout	CID	Sub-Carrier / Bag	TAN	Checkin-Location	Checkin-Operator	Scan-In-Time	Checkin-Complete	Carrier Departure	Carrier Arrival	Checkout-Location	Checkout-Operator	Scan-Out-Time	Checkout-Complete
122	0042 4711 0827	TAN; Man. Checkout; Archived		1005	BAG0081542001	6CDD67F6	Ward 42	F. Hightiger	2026-07-28 09:20:04	2026-07-28 09:20:11	2026-07-28 09:20:11	2026-07-28 09:20:11	Laboratory	Dr. Jekyll	2026-07-28 09:20:11	2026-07-28 09:20:11
123	0042 4711 0826	TAN; Scan-Out; Archived		1005	BAG0081542001	6CDD67F6	Ward 42	F. Hightiger	2026-07-28 09:20:04	2026-07-28 09:20:11	2026-07-28 09:20:11	2026-07-28 09:20:11	Laboratory	Dr. Jekyll	2026-07-28 09:20:11	2026-07-28 09:20:11
124	0042 4711 0815	TAN; Scan-Out; Archived		1005	BAG0081542003	6CDD67F6	Ward 42	F. Hightiger	2026-07-28 09:19:41	2026-07-28 09:20:11	2026-07-28 09:20:11	2026-07-28 09:20:11	Laboratory	Dr. Jekyll	2026-07-28 09:20:11	2026-07-28 09:20:11
125	0042 4711 0817	TAN; Scan-Out; Archived		1005	BAG0081542003	6CDD67F6	Ward 42	F. Hightiger	2026-07-28 09:19:42	2026-07-28 09:20:11	2026-07-28 09:20:11	2026-07-28 09:20:11	Laboratory	Dr. Jekyll	2026-07-28 09:20:11	2026-07-28 09:20:11
126	0042 4711 0818	TAN; Man. Checkout; Archived		1005	BAG0081542003	6CDD67F6	Ward 42	F. Hightiger	2026-07-28 09:19:44	2026-07-28 09:20:11	2026-07-28 09:20:11	2026-07-28 09:20:11	Laboratory	Dr. Jekyll	2026-07-28 09:20:11	2026-07-28 09:20:11
127	0042 4711 0819	TAN; Man. Checkout; Archived		1005	BAG0081542003	6CDD67F6	Ward 42	F. Hightiger	2026-07-28 09:19:46	2026-07-28 09:20:11	2026-07-28 09:20:11	2026-07-28 09:20:11	Laboratory	Dr. Jekyll	2026-07-28 09:20:11	2026-07-28 09:20:11
128	0042 4711 0829	TAN; Man. Checkout; Archived		1005	BAG0081542001	6CDD67F6	Ward 42	F. Hightiger	2026-07-28 09:19:58	2026-07-28 09:20:11	2026-07-28 09:20:11	2026-07-28 09:20:11	Laboratory	Dr. Jekyll	2026-07-28 09:20:11	2026-07-28 09:20:11
129	0042 4711 0828	TAN; Man. Checkout; Archived		1005	BAG0081542001	6CDD67F6	Ward 42	F. Hightiger	2026-07-28 09:19:59	2026-07-28 09:20:11	2026-07-28 09:20:11	2026-07-28 09:20:11	Laboratory	Dr. Jekyll	2026-07-28 09:20:11	2026-07-28 09:20:11
130	0042 4711 0826	TAN; Scan-Out; Archived		1005	BAG0081542001	6CDD67F6	Ward 42	F. Hightiger	2026-07-28 09:20:01	2026-07-28 09:20:11	2026-07-28 09:20:11	2026-07-28 09:20:11	Laboratory	Dr. Jekyll	2026-07-28 09:20:11	2026-07-28 09:20:11
131	0042 4711 0827	TAN; Scan-Out; Archived		1005	BAG0081542001	6CDD67F6	Ward 42	F. Hightiger	2026-07-28 09:20:04	2026-07-28 09:20:11	2026-07-28 09:20:11	2026-07-28 09:20:11	Laboratory	Dr. Jekyll	2026-07-28 09:20:11	2026-07-28 09:20:11

4.15.3.2. Demo in HIS-Mode

To be able to register a TBH and its load, the 'KHIS' tab must be active in the Scan In app. (See Appendix 5.4 for demo QR codes)

1. Scan carrier

Scan the barcode on the carrier. The carrier ID is displayed above the load list.

Carrier-ID: 1004

Scan-Data:

The next step can only be taken once the carrier has been successfully scanned.

2. Scan the QR code on the prescription.

Once the Carrier-IDs have been scanned, the contents of the carrier are recorded. The scanned QR-codes appear in the list.

Carrier-ID: 1004 Destination: 200 Priority: 0

Scan-Data: 0-200-6765749-32843-0996646-93

#	Priority:	Destination:	AN	LN	HN	VN	
0	0	200	6765749	32843	0996646	93	2026-07-28 09:48:49

3. If necessary, scan any further QR codes for sending with the same destination.
The scan data will be displayed in the list.

Carrier-ID: 1004 Destination: 200 Priority: 0

Scan-Data: 0-200-2438728-15025-0145392

#	Priority:	Destination:	AN	LN	HN	VN	
0	0	200	6765749	32843	0996646	93	2026-07-28 09:48:49
1	0	200	5740228	68356			2026-07-28 09:50:18
2	0	200	2438728	15025	0145392		2026-07-28 09:50:19

4. Complete the check-in of the loaded goods by clicking the 'Checkin' button or by scanning the 'Checkin!' barcode.

Checkin



The 'Check-in' tab is then reset.

5. To simulate the next transport steps, switch to the 'HIS Data' tab. The booked load is displayed at the bottom of the load list.

HIS HIS Data																			
All		Checkin	In-Transport	Arrived	Timeout	Auto Update		Demo - Next Step											
Index	Status	CID	AN	LN	HN	VN	Prio	Scan-Dest	Origin	Origin Name	Destination	Dest. Name	Scan Time	Checkin Time	Carrier in STS	Departure Time	Arrival Time	Transport Time	TAN
85	Arrived;	2961	201278	10512		0	200	000100	Scan-Demo Send	000200	#123		2026-07-24 11:18:14	2026-07-24 11:18:18	2026-07-24 11:18:34	2026-07-24 11:18:48	2026-07-24 11:19:05	00:00:27	205753E
86	Man. Confirmed; archived;	2961	1234567	12345	1234567	12	1	123	000100	Scan-Demo Send	000123	#123	2026-07-24 11:19:45	2026-07-24 11:19:47	2026-07-24 11:20:01	2026-07-24 11:20:07	2026-07-24 11:20:14	00:00:07	2055AD4
87	Arrived;	2961	5001782	14193	2225123	02	1	107	000100	Scan-Demo Send	000107	#107	2026-07-24 11:22:08	2026-07-24 11:22:12	2026-07-24 11:22:19	2026-07-24 11:22:26	2026-07-24 11:22:32	00:00:06	4060A394
89	Arrived;	1004	5740228	68356		0	200	000100	Scan-Demo Send	000200	Scan-Demo Receive		2026-07-24 13:45:43	2026-07-24 13:46:17	2026-07-24 13:46:17	2026-07-24 13:46:02	00:00:05	019E7462	
90	Arrived;	1004	6765749	32843	0996646	93	0	200	000100	Scan-Demo Send	000200	Scan-Demo Receive	2026-07-27 13:35:40	2026-07-27 13:38:05	2026-07-27 13:44:07	2026-07-27 13:47:04	2026-07-27 13:54:56	00:07:52	017C7E28
91	Arrived;	1004	5740228	68356		0	200	000100	Scan-Demo Send	000200	Scan-Demo Receive		2026-07-27 13:35:43	2026-07-27 13:38:05	2026-07-27 13:44:07	2026-07-27 13:47:04	2026-07-27 13:54:56	00:07:52	017C7E28
92	Checkin;	Confirm	1004	6765749	32843	0996646	93	0	200	000100	Scan-Demo Send	000200	2026-07-28 09:50:18	2026-07-28 09:52:39	2026-07-28 09:56:14	2026-07-28 09:58:25	2026-07-28 10:02:36	00:04:11	2109E3B9
93	Checkin;	Confirm	1004	5740228	68356		0	200	000100	Scan-Demo Send	000200	Scan-Demo Receive	2026-07-28 09:50:18	2026-07-28 09:52:39	2026-07-28 09:56:14	2026-07-28 09:58:25	2026-07-28 10:02:36	00:04:11	2109E3B9

6. Clicking the 'Demo – Next Step' button enters the time at which the carrier is inserted into the station. The status of the load changes from 'Checkin' to 'Wait' and the transport's TAN is displayed.

Demo - Next Step

Index	Status	CID	AN	LN	HN	VN	Prio	Scan-Dest	Origin	Origin Name	Destination	Dest. Name	Scan Time	Checkin Time	Carrier in STS	Departure Time	Arrival Time	Transport Time	TAN	
90	Arrived;	1004	5740228	68356			0	200	000100	Scan-Demo Send	000200	Scan-Demo Receive	2026-07-27 13:35:43	2026-07-27 13:38:05	2026-07-27 13:44:07	2026-07-27 13:47:04	2026-07-27 13:54:56	00:07:52	017C7E28	
91	Wait;	Confirm	1004	6765749	32843	0996646	93	0	200	000100	Scan-Demo Send	000200	Scan-Demo Receive	2026-07-28 09:48:49	2026-07-28 09:52:39	2026-07-28 09:56:14	<--<--	<--<--	00:00:00	2109E3B9
92	Wait;	Confirm	1004	5740228	68356			0	200	000100	Scan-Demo Send	000200	Scan-Demo Receive	2026-07-28 09:50:18	2026-07-28 09:52:39	2026-07-28 09:56:14	<--<--	<--<--	00:00:00	2109E3B9
93	Wait;	Confirm	1004	2438728	15025	0145392		0	200	000100	Scan-Demo Send	000200	Scan-Demo Receive	2026-07-28 09:50:19	2026-07-28 09:52:39	2026-07-28 09:56:14	<--<--	<--<--	00:00:00	2109E3B9

7. Clicking the 'Demo – Next Step' button again saves the carriers departure time in the database. The status of the load is changed from 'Wait' to 'Transport'..

Index	Status	CID	AN	LN	HN	VN	Prio	Scan-Dest	Origin	Origin Name	Destination	Dest. Name	Scan Time	Checkin Time	Carrier in STS	Departure Time	Arrival Time	Transport Time	TAN
90	Arrived;	1004	5740228	68356		0	200	000100	Scan-Demo Send	000200	Scan-Demo Receive		2026-07-27 13:35:43	2026-07-27 13:38:05	2026-07-27 13:44:07	2026-07-27 13:47:04	2026-07-27 13:54:56	00:07:52	017C7E28
91	Transport;	Confirm	1004	6765749	32843	0996646	93	0	200	000100	Scan-Demo Send	000200	2026-07-28 09:48:49	2026-07-28 09:52:39	2026-07-28 09:56:14	2026-07-28 09:58:25	2026-07-28 10:02:36	00:00:00	2109E3B9
92	Transport;	Confirm	1004	5740228	68356		0	200	000100	Scan-Demo Send	000200	Scan-Demo Receive	2026-07-28 09:50:18	2026-07-28 09:52:39	2026-07-28 09:56:14	2026-07-28 09:58:25	2026-07-28 10:02:36	00:00:00	2109E3B9
93	Transport;	Confirm	1004	2438728	15025	0145392	0	200	000100	Scan-Demo Send	000200	Scan-Demo Receive	2026-07-28 09:50:18	2026-07-28 09:52:39	2026-07-28 09:56:14	2026-07-28 09:58:25	2026-07-28 10:02:36	00:00:00	2109E3B9

8. Clicking the 'Demo – Next Step' button again changes the status of the payload from 'Transport' to 'Job End'. In a real pneumatic tube system, this means that the carrier has arrived or is in a transfer station. However, the carrier has not yet left the system.

Index	Status	C
90	Arrived;	II
91	Job End;	Confirm II
92	Job End;	Confirm II
93	Job End;	Confirm II

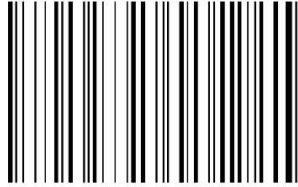
9. Clicking the 'Demo – Next Step' button again changes the status of the loaded goods from 'Job End' to 'Arrived'. The TBH has left the system. The arrival time and transport duration are recorded in the database.

Index	Status	CID	AN	LN	HN	VN	Prio	Scan-Dest	Origin	Origin Name	Destination	Dest. Name	Scan Time	Checkin Time	Carrier in STS	Departure Time	Arrival Time	Transport Time	TAN
90	Arrived;	1004	5740228	68356		0	200	000100	Scan-Demo Send	000200	Scan-Demo Receive		2026-07-27 13:35:43	2026-07-27 13:38:05	2026-07-27 13:44:07	2026-07-27 13:47:04	2026-07-27 13:54:56	00:07:52	017C7E28
91	Arrived;	1004	6765749	32843	0996646	93	0	200	000100	Scan-Demo Send	000200	Scan-Demo Receive	2026-07-28 09:48:49	2026-07-28 09:52:39	2026-07-28 09:56:14	2026-07-28 09:58:25	2026-07-28 10:02:36	00:04:11	2109E3B9
92	Arrived;	1004	5740228	68356		0	200	000100	Scan-Demo Send	000200	Scan-Demo Receive		2026-07-28 09:50:18	2026-07-28 09:52:39	2026-07-28 09:56:14	2026-07-28 09:58:25	2026-07-28 10:02:36	00:04:11	2109E3B9
93	Arrived;	1004	2438728	15025	0145392	0	200	000100	Scan-Demo Send	000200	Scan-Demo Receive		2026-07-28 09:50:18	2026-07-28 09:52:39	2026-07-28 09:56:14	2026-07-28 09:58:25	2026-07-28 10:02:36	00:04:11	2109E3B9

10. The transport is complete. Another demo can now be started.

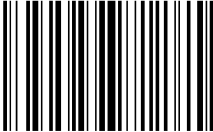
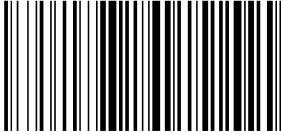
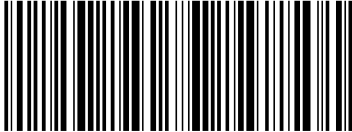
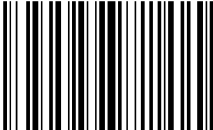
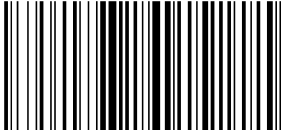
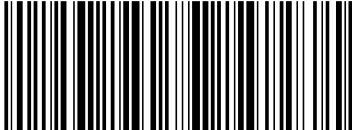
5. Appendix

5.1. Checkin Barcode



C h e c k i n !

5.2. LIS-Demo-Barcodes

 STS1001	 BAG0081542001	 0042 4711 0820
 STS1002	 BAG0081542002	 0042 4711 0821
 STS1003	 BAG0081542003	 0042 4711 0822
 STS1004	 BAG0081542004	 0042 4711 0823
 STS1005	 BAG0081542005	 0042 4711 0824
 STS1006	 0042 4711 0815	 0042 4711 0825
 STS1007	 0042 4711 0816	 0042 4711 0826
 STS1008	 0042 4711 0817	 0042 4711 0827
 STS1009	 0042 4711 0818	 0042 4711 0828
 STS1010	 0042 4711 0819	 0042 4711 0829

5.3. Scan In App – Data format for HIS mode

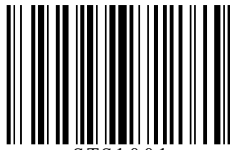
The data format complies with a customer specification.

QR-Code:

A-BBB-CCCCCCC-DDDDD-EEEEEEE-FF

Meaning	Number of digits	Description
A	1	Priority 0 = Normal Send 1 = Fast Send
B	3 - 6	Destination address in the DCS
C	7	AN
D	5	LN
E	7	HN * If this information is not available, these fields should be left blank.
F	2	VN * If this information is not available, these fields should be left blank.

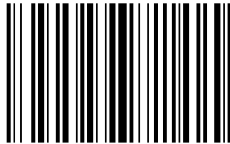
5.4. HIS-Demo-QR-Codes



STS1001



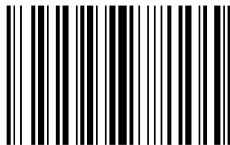
0-032-2526143-56560-7939765-60



STS1002



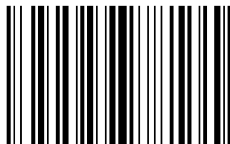
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STS1003



1-032-8505067-54427-2579922



STS1004



0-033-0333860-86976-8433990-01



STS1005



0-033-2438728-15025-0145392



STS1006



0-033-6765749-32843-0996646-93



STS1007



1-033-8505067-54427-2579922



STS1008



0-200-2438728-15025-0145392



STS1009



0-200-5740228-68356



STS1010



0-200-6765749-32843-0996646-93

6. Support Info

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