

ARRIVE & DEPARTURE SCREEN APP (SOFTWARE RT-WIN 4)

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Arrive & Departure Screen App - Overview

In any hospital, the contents of the pneumatic tube carriers traveling through the pneumatic tube system to the OR, ER, lab or pharmacy are very important. Therefore, they are constantly monitored with a Hörtig pneumatic tube system to minimize the risk of carrier loss. In addition to the monitoring on the PC by the technical responsible or the logistics manager, we also provide information about the transports relevant for them to the employees on site with the Arrive & Departure Screen. They receive this information via monitors installed in their direct working environment (so-called Arrive & Departure Screens).

The Arrive & Departure Screens with their associated software are part of our modular RT-Win 4 pneumatic tube software as an optional app.

Your advantages: Direct Real-Time Information for Employees

Arrive & Departure Screens display information about all arriving and departing shipments for the one location where they are installed. This means that employees only receive **selected information about the transports that are relevant to them** and their particular work location.

The information can be quickly overviewed thanks to the simple visual display. On the one hand, only the transports

- Real-time overview of transports on the spot
- Flexibilization of workflow
- Increased reliability / risk reduction

that are important for the specific department are displayed - on the other hand, the display is based on arrival and departure screens at airports and is therefore **quickly understandable for everyone**.

If **ambiguities** arise about the whereabouts of carriers, these are clarified at a glance by the employees themselves ("When will the lab sample from the emergency op finally arrive?"). There is no need to contact the technical employee responsible for the pneumatic tube system for this. Employees who have sent a shipment on its way can reassure themselves whether their carrier actually arrived. They do not need

to contact the recipient for this. **The risk of important samples or medications being lost unnoticed is significantly reduced.**

Even from a distance (e.g. in break rooms), it is possible to see when new carriers arrive thanks to the screens installed there. This gives employees the opportunity to take a break during quieter periods and return to their workstations as soon as new samples are on their way. An even more effective setup is offered by combining it with an installed arrival signal that visually announces new transports. This allows workload to be anticipated and increases **flexibility in the workflow.**

Information on the Screens

Information given about the transports on the screens:

- Priority of the shipment
- Status of the shipment: Waiting, en route, delayed, rerouted, arrived, cancelled, unknown
- Secure Receive (only for Departure Screen)
- Countdown to automatic return if carrier is not removed from station (only with Secure Receive)
- Time information: Sending and arrival time
- User and transport ID
- Name of the sending station (only for Arrive Screen)
- Name of the receiving station (only for Departure Screen)
- Contents of the carriers (in combination with the Scan In / Scan Out app)

Which of this information is displayed on the screen can be selected individually. The Departure Screen generally displays information about all departing containers, while the Arrival Screen displays information about all arriving containers.

Example Screen in the Lab

The green shaded lines show containers that have already arrived at the lab. The following information is displayed for the containers: Carrier ID, Sending Station, Priority, Sending Time, Arrival Time, Sample ID (for the lab information system), and Status. The lines with a blue background indicate that the listed carriers are currently on their way. Here, additional information is provided about the time at which the carrier is expected to arrive at the laboratory. Lines with white background contain all carriers waiting at stations. If lines are marked red, the respective shipment is prioritized. Laboratory staff give priority to these consignments. This ensures that urgent laboratory tests are evaluated as quickly as possible.

Request TAN	CID	Arrival from	Prio	User	Start	Arrival	LIS	Status
15-06	76FFC672	2009 422 Semi-Multi Z118	1	---	15-06	15:10	---	Arrived
15-06	90FFC669	1001 422 right Z156	1	---	15-06	15:11	---	Arrived
15-07	76FFC674	2007 422 Semi-Multi Z118	1	---	15-07	15:12	---	Arrived
15-07	76FFC675	2011 422 Semi-Multi Z118	1	---	15-08	15:12	---	Arrived
15-07	76FFC673	2018 422 Semi-Multi Z118	1	---	15-07	15:12	---	Arrived
15-08	76FFC676	2012 422 Semi-Multi Z118	1	---	15-08	15:13	---	Arrived
15-08	76FFC677	3401 422 Semi-Multi Z118	1	---	15-08	15:13	---	Arrived
15-08	76FFC678	2019 422 Semi-Multi Z118	1	---	15-08	15:13	---	Arrived
15-06	90FFC66A	1008 455 Tripple-Send right	1	---	15-06	---	---	In Transport
15-06	90FFC66B	1017 422 left Z156	1	---	15-06	---	---	In Transport
15-06	90FFC66C	1024 455 Tripple-Send right	1	---	15-06	---	---	In Transport
15-07	90FFC66D	1019 422 right Z156	1	---	15-07	---	---	In Transport
15-09	90FFC66E	1030 455 Tripple-Send right	1	---	15-09	---	---	In Transport
15-09	90FFC66F	1029 455 Tripple-Send right	1	---	---	---	---	Waiting
15-09	76FFC679	2008 422 Semi-Multi Z118	1	---	15-09	---	---	In Transport
15-09	76FFC67A	1010 422 Semi-Multi Z118	1	---	15-09	---	---	In Transport
15-11	76FFC679	2003 422 Semi-Multi Z118	1	---	15-11	---	---	In Transport

Example Screen in the Lab

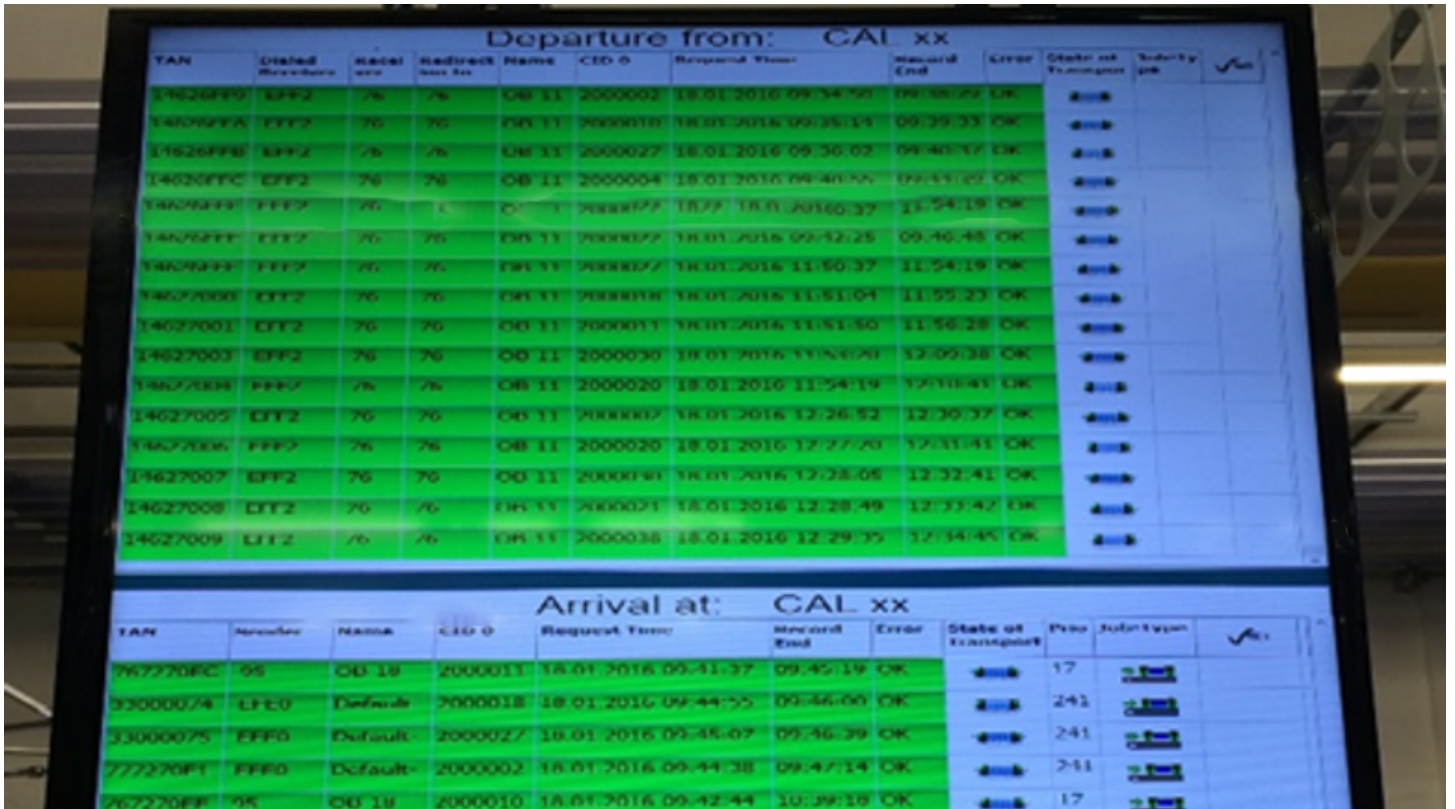
Monitors that can be used as Arrive/Departure screens:

- Small and large screens
- Arrive and/or departure screens
- With/without touch function

The screens display either arrival or departure information only (two displays) or both information bundled (one display).



Combined Small Screen in a Hospital



Separate Arrive & Departure Screen in a Chemical Laboratory

For whom and where we recommend the installation of an Arrive & Departure Screen:

- ➔ **Arrive screen in employee staging areas:** employees remotely keep track of incoming transports (especially useful on the night shift).
- ➔ **Arrive Screen in hospital or industrial laboratories:** In laboratories, arriving carriers with samples are especially important. Therefore, the installation of an Arrive Screen is recommended here, which announces arriving containers and provides the employees with information - for example, about the prioritization of the samples.

- ➔ **Departure screen in pharmacy and blood bank:** Employees of the pharmacy and blood bank dispatch medications and blood, respectively. The installed Departure Screen informs employees whether their shipped medications/ blood have arrived and whether carriers shipped with Secure Receive have actually been picked up at the receiving station. If not, touch screens provide the option to retrieve the shipment back to the pharmacy or blood bank.

P.S.

If you are a technical or logistics manager for the pneumatic tube system and are looking for a comprehensive overview of all transports for clarification of ambiguities and performance analysis, take a look at our History App!