

## Track and trace cash with customized delivery order numbers.



### Tracking

Tracking, part of the Vynamic™ Cash Management suite, ensures transparent monitoring of all container-specific information and supports complete tracking of transport routes. Vynamic Cash Management works with the GS1 standard for the clear identification of shipping units (NVE/SSCC), locations (GLN) and products (GTIN). In addition, Tracking can also be used with customized numbering schemes if conformity with the GS1 standards is not necessary or desired. All numbering schemes can be represented as a barcode. This has the advantage that, irrespective of the use of the GS1 standard, stationary or mobile barcode scanners can be used for fast data capture.

#### OVERVIEW

- Workflows for efficient package commissioning
- Complete tracking and tracing of packages along the entire supply chain
- Verification with stationary or mobile scanners
- Support of banknotes, coins and other items of value

#### BENEFITS

- Reduced manual documentation effort through well-defined and automated workflows
- Proof of the respective liability transfers
- Secure and traceable delivery of packages
- Increased protection against risk of insolvency of CIT through documentation of funds
- Potential for lower insurance policy premiums
- Avoidance of incorrect order data through automated and mobile order processing

#### ORDER PROCESSING

A delivery order in Tracking is required to track a package. The order can comprise several deliveries. To ensure complete tracking of all packages, both delivery orders and packages can be created in Tracking as follows:

- Automated creation of orders by Planner
- Manual creation of orders with Tracking, independent of Planner

#### TRACK & TRACE

- Tracking and tracing of packages throughout the entire supply chain—from the starting point to the destination
- Complete monitoring of the delivery process and order status
- Simple check-in and check-out using stationary or certified mobile barcode scanners
- Secure documentation of all liability transfers
- Support of GS1 standards: GLN, GTIN, SSCC, NVE
- Acquisition of track & trace information from third-party systems

# Vynamic™ Cash Management/Tracking

## TRACING OF PACKAGES

Seamless tracing and monitoring of liability transfers for each individual package that is managed in Tracking through logging of the following information:

- Package number (NVE/SSCC)
- User information/current tour (transport route)
- Date and time of every event
- Origin and destination cash point as well as current locations

## PACKAGE COMMISSIONING

Defined workflows in Tracking simplify the creation of different types of packages.

## WORKFLOW SUPPORT

To enable transparent monitoring along the supply chain, there are defined workflows that support the confirmation of order execution and the receipt of deliveries:

- Selection of the next confirmed order
- Selection of the "New package" function
- Unprocessed quantities are displayed
- The amount is entered and a new package number is scanned (NVE/SSCC, e.g. seal on safe bag)
- The package (cassette/safe bag) is packed and sealed
- The package is automatically allocated to the cash point that is linked to the commissioning workplace and its location changes when it is checked in at a new cash point
- A package is always linked to exactly one order
- Optional: Interim storage in a safe as an independent intermediate cash point possible via check-in

## ORDER TRACKING

Tracking enables extended order tracking within an institution through the integration of hand scanners and stored workflows for checking the packages in and out. On the basis of commissioned packages, package lists are created that are electronically transmitted to mobile scanners or can be documented in a PDF file:

- Mobile scanners are personalized with the allocated vehicle/driver and CIT tour number
- The mobile scanner receives a list of packages to be transported and validates all scanned packages against the contents of the package list
- If inconsistencies are detected, the user receives a warning message
- Check-ins and check-outs can be documented by printing a hand-over validation receipt
- When packages are handed over to the cash office, they can either be checked out using a mobile scanner or checked in using the cash office's stationary scanner

## TRACKING CONFIRMATION

**Check-in:** Tracking sends a "packing list" to the mobile scanner. After a package has been checked in (scanned), this "packing list" is used for verification. The package list can be centrally monitored by the institution at all times and shows the current transport status (correct tour allocation) for each individual package that has been checked in.

**Check-out:** During the transition of the package to a new cash point, the package is automatically checked out. The check-out process also determines whether the package has reached its destination. The status of the package is recorded in the system in real time and can be monitored continuously (correct/incorrect final destination for delivery).

## PACKAGE ADMINISTRATION

Packages are centrally managed in Vynamic Cash Management via the Tracking module. Upon creation, packages are allocated to the cash point at which they were commissioned. Each package is always allocated to exactly one cash point. The cash point allocation is changed by scanning the package. This allows the movements of each individual package to be tracked chronologically.

## INSOLVENCY PROTECTION

In case of an insolvency of the cash-in-transit company, Tracking provides immediate documentation of the valuables held by the cash-in-transit company in order to document justified claims.

## ACCESS CONTROL FOR THE COMMISSIONING WORKPLACE

- User identification via browser
- Access rights via user profiles
- Optional activation of counting machines/scanners

## TRACKING REQUIREMENTS:

- Basis

## DIEBOLD NIXDORF VYNAMIC SOFTWARE

DN Vynamic is a powerful software portfolio that enables financial institutions to eliminate friction to transform the user experience and the operation. Flexible and adaptable, DN Vynamic is built to align with how financial institutions operate and are bundled to support the modern banking environment including channels, payments, engagement and operations.

Vynamic Cash Management, also known as CCO - Cash Cycle Optimizer, is offered in partnership with planfocus software gmbh.