

A sophisticated, patented planning strategy to optimize cash transports.



Syncro

Syncro, part of the Vynamic™ Cash Management suite, optimizes the synchronization of cash transports by cash-in-transit companies (CIT) for the replenishment of multiple cash points at a single location, making possible substantial reductions in transport and service costs. Where there are multiple cash points at the same location, like in a branch with several ATMs, Cash Recyclers or teller terminals, combined cash transports usually result in considerable savings. This is especially the case when the CIT company travels to the branch and replenishes the cash points there at different times, charging separately for each service. Where simple synchronization methods require multiple last-minute cash services on the same day, accepting high returns at individual cash points, Syncro dynamically plans all cash transports with the associated quantities in advance while taking into consideration numerous complex combinations over several weeks into the future. Syncro is the solution of choice for cost optimization in branches where combined cash deliveries for multiple cash points are often required.

OVERVIEW

- Automated planning of simultaneous cash replenishments and services for multiple synchronized cash points with patented planning technology
- Optimization for remote locations when multiple cash points need to be serviced simultaneously due to the long travel distances
- Dynamic recombination of cash transports for multiple synchronized cash points based on intraday inventory data

BENEFITS

- Substantial cost reduction when CIT stops are separately invoiced from CIT service activities
- Essential technology for branches where branch staff replenishes cash points once they receive the combined branch cash

Vynamic™ Cash Management/Syncro

ADMINISTRATION

Planning of cash transports to remote locations requiring synchronized cash services can be monitored using "Syncro diagrams" and "Syncro range charts."

- Syncro diagrams are charts that clearly portray the synchronized planning for all cash points at a location. They display trends in the total inventory of all cash points as well as advance planning for synchronous or asynchronous replenishments and pick-ups and the forecast minimum cash level or the maximum level on the day of a replenishment. The diagrams make it easy to see when a replenishment will take place synchronously or asynchronously, or if it has already occurred.
- Syncro range charts provide information about the expected interval during which all cash points at a location will continue to have cash available. They also provide a clear indication of when cash services are planned for the individual cash points and whether the cash transports have been planned synchronously. The range is calculated by the fully automated planning logic of Planner using detailed forecasts for withdrawals and deposits and the current cash level.

PROCESS AND COST OPTIMIZATION

The outstanding feature of Syncro is its sophisticated, patented planning strategy, which performs synchronized cash service planning for several cash points at one location. Configuration options allow flexibility in specifying which cash points need to be synchronized. Based on the configuration data, the system determines the best combination of services for all cash points at a branch over several weeks in advance. To do this, Syncro determines the replenishment interval for each cash point requiring synchronization so that, for example, a cash recycler can be emptied and an ATM replenished at the same time in order to combine multiple services for a specific calendar day.

By using Syncro, financial institutes working under various conditions can benefit in many ways with both process and cost optimizations:

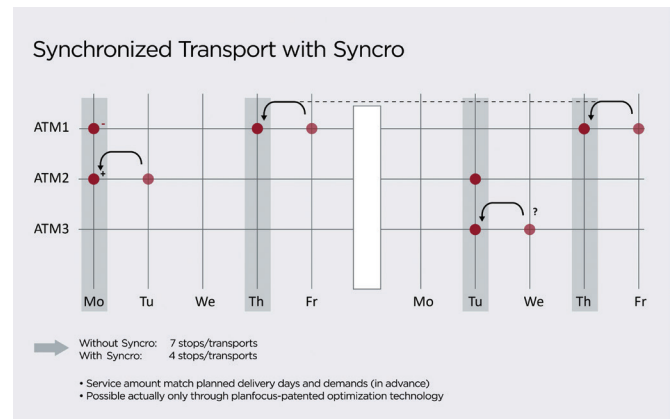
- **CIT-based cost model:** Financial institutions that employ CIT companies for cash services and pay them on a CIT-based stop-cost model can use Syncro to reduce the number of required CIT visits and achieve significant savings in stopover costs.
- **In-branch cash recycling:** Syncro is a crucial enhancement for in-branch cash recycling, for example when surplus cash from a Cash Recycler is to be used for a direct replenishment of an ATM. Unnecessary interest costs can be avoided by using Syncro since surplus cash from the branch's teller terminals would need to be deposited until the next ATM replenishment. In addition, extra transport costs can be avoided because the CIT company is only needed to collect excess cash or replenish the ATMs.
- **Internal branch processes:** Automated and synchronized cash-point planning leads to substantial reductions in manual effort for branch personnel, who previously were often preoccupied with planning cash replenishments and pick-ups on several consecutive days. Syncro manages the replenishment intervals of cash points so that cash services take place in a coordinated manner, freeing branch personnel for value-added activities.

SMART SYNCHRONIZATION

Synchronized replenishment and emptying of cash points is not enforced at the cost of increased cash stocks or returns. Thanks to advanced planning, synchronized replenishments take place when the needs of ATMs with different transaction rates coincide. Syncro ensures ideal synchronization by flexibly adapting the amounts to be delivered or picked up to the replenishment dates in advance. Syncro completely and automatically performs this dynamic recombination of cash replenishment and pick-up for daily planning. This means that the cash points are automatically "resynchronized" and the synchronization with optional and mandatory replenishment dates on certain weekdays can be freely combined.

VYNAMIC CASH MANAGEMENT/SYNCR0 REQUIREMENTS:

- Basis
- Planner
- LiveInventories



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.