



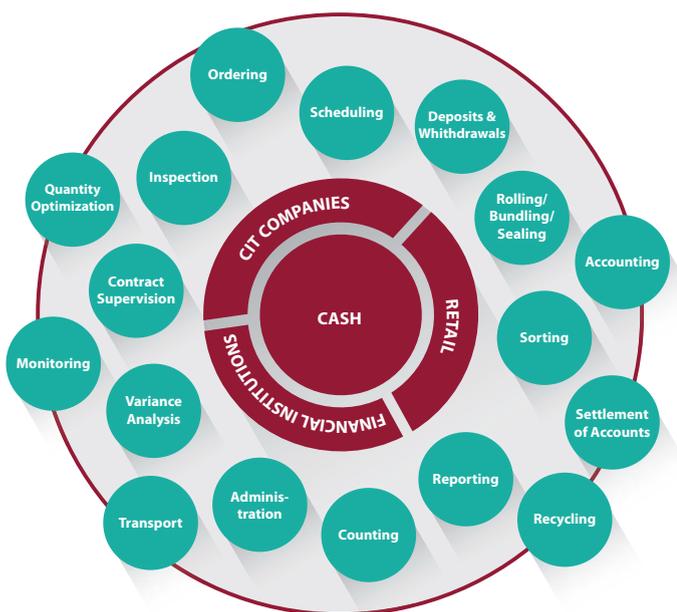
ALVARA
Cash Management Group

ALVARA Interactive Cash Control – the cash control platform

The task

Cash management faces many challenges: branches of the Federal Bank being shut down, the electronic order of coins and notes, deposits and pay-outs (CashEDI), regulations regarding coin and note processing, insurance regulations and constant cost pressures are only a few examples.

Especially financial institutions, which are fully or partially outsourcing cash logistics and therefore focusing more on service management, must solve extensive communication and monitoring tasks in this context.



The solution

Efficient cash control that minimizes risks can be achieved through ALVARA Interactive Cash Control (ICC). The platform for collecting, processing, exchanging, evaluating and forwarding information and data in the cash cycle is web-based. Hence, the cash processing is efficiently controlled and documented in and between the financial, retail and cash-in-transit companies. In this way, ALVARA ensures the transparency of the entire trail of the cash from being deposited at any cash

point to booking at the Federal Bank. The operation, using renowned, certified data processing centers, guarantees the highest safety standards.

The following tasks can be completed by the various cash cycle stakeholders using the modules of ALVARA Interactive Cash Control.

■ Ordering cash

Cash provision orders are recorded, processed and managed. The tracking & tracing feature automatically checks for deviations in cash orders, facilitating the display of unscheduled tours, among other things. The cash orders are electronically forwarded to cash-in-transit companies which are interfaced with ALVARA Interactive Cash Control for further processing. The CashEDI feature allows for direct registration of Federal Bank orders as well as the display of the subsequent Federal Bank messages.

■ Depositing cash

Cash deposit orders are recorded, processed and managed. The tracking & tracing feature automatically checks for deviations in cash orders, facilitating the display of missing counting results, among other things. The CashEDI feature allows for direct registration of Federal Bank deposits as well as the display of the subsequent Federal Bank messages.

■ Self-service monitoring technology

Self-service deposit, withdrawal and recycling units by various manufacturers are fully integrated into the processes.

■ ATM cash control

The ATM operator notifies the cash-in-transit company of when and with how much money an ATM should be stocked and checks the emptying of the ATM including the count of the remaining change and the deposit at the Federal Bank.

■ Cash management integration

The cash cycle can be controlled and monitored by integrating external cash management software to optimize cash holdings, which can also be used for the purpose of ordering cash.



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■ Cash-related customer service

The staff of financial institutions can accept safebags at the counter and issue electronic receipts. The automated counting process then takes place at the institution's own main cash station or the cash center of the cash-in-transit company.

The benefit

The benefit lies within the automated generation of receipts and the transmission of client data and target values to the main cash station and/or cash center. The results are automatically adopted by the main cash station and/or cash center. Double data collection becomes a thing of the past while data protection regulations are supported as well.

■ Standing orders

Cash orders for branches and ATMs can be stored as standing orders so that the orders are created automatically until the standing order is deleted. This saves time and orders no longer have to be entered manually every single time.

■ Foreign currency orders

Branch employees can easily register the clients' foreign currency orders. The cash-in-transit company and/or internal cash processing can then access these orders and prepare them for the respective branches. Paper forms are no longer required and the foreign currency orders are processed analogous to the Euro orders.

The projects

Stadtsparkasse Augsburg dedicated itself to the following topics of logistics in collaboration with ALVARA AG:

- introduction of CashEDI orders and deposits
- introduction of ALVARA ICC in all branches
- improvement and automation of related processes between the branches and the main cash station

"Thanks to your company's expertise and competent support, we were able to fully implement the goals and benefits. We particularly appreciated the support in adjusting and optimizing our processes and the useful features of the ALVARA Interactive Cash Control Platform. Our daily business shows stable operations which led to a positive response and acceptance within the company," explains Robert Leitenmaier, Organizational Department, Stadtsparkasse Augsburg.

An increasing number of clients rely on our solution, e.g.:

- Rewe Group
- Metro AG
- Stadtsparkasse Augsburg
- Bank 1 Saar eG
- Kötter Geld- & Wertdienste GmbH & Co. KG
- Sparkasse Vorderpfalz
- Volksbank Chemnitz eG
- Sparkasse Oder-Spree



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Your Cash in Clear Sight.