

STANDARDIZING CASH TRANSPORT

ADVERT

Greater Efficiency in Cash Centers

Automation in cash centers is a top priority for central banks and commercial operators.

The NotaTracc Tray has the potential to radically change how we handle banknotes – just as the 20-foot freight container once revolutionized global logistics.

In the NotaTracc system, G+D Currency Technology has transferred the basic principles behind the freight container to the cash cycle, achieving increased automation through standardization in cash centers. The system is based on a container and a loading module. Together, these make banknote processing more efficient and more secure. This will benefit central and commercial banks and cash-in-transit companies equally whilst also paving the way for completely new models for collaboration in the cash cycle.

“The introduction of standard containers offers many advantages in terms of logistics,” explained Christian Huber, Director of Business Development for High-Speed Processing at G+D Currency Technology. These benefits, of course, also extend to the often manual operational sequences for handling cash, as standardized containers enable banknotes to be transported and stored more efficiently. This eliminates the outlay required for banding and shrink wrapping larger packets of banknotes, in addition to unpacking and disposing of packaging materials.

With NotaTracc, however, G+D Currency Technology is going a step further, commented Huber: “Picking robots are now used for the secure handling of loose banknotes, making this a comprehensive cash logistics automation solution.” The G+D manager asserted that combining the resulting optimized material flow with software solutions such as Track&Trace, including applications that go beyond cash centers, gives rise to new service level- and transaction-based business models. “Monitoring the cash flow is then as convenient as tracking an online order.”

This solution allows commercial operators to accept deliveries of loose, unsorted banknotes from their smaller branches, and the operator’s tasks would be

NotaTracc T

the tray for a secure transport of banknotes



limited to cashing up. All sorting takes place in the main branch – and this is fully automated using the NotaTracc loading module and the BPS M5. “We are already considering also packing the sorted notes into trays automatically,” revealed Christian Mitterhuber, Director of Product Management for High-Speed Systems at G+D Currency Technology. “For example, it makes more sense to provide loose banknotes rather than bundles for filling ATMs – and the NotaTracc Tray will gain even more in importance in this area as a result.”

Over 50 years after their invention, standard containers still make sense from a financial perspective: they speed up global flows of goods, since individual containers no longer need to be transshipped en route, and this allows companies and logistics service providers to enjoy substantial savings in terms of both time and money. As a result, there are interesting prospects for the cash logistics sector, in which many activities remain manual, obstructing the preference for faster, more efficient processes.

Freight containers have shown that standardization, while worthwhile, represents a very much long-term investment: it took ten years for the first containers from the US to reach Europe. ■

COMPONENTS OF THE NOTATRACC SOLUTION:

- **NotaTracc T:** the tray for a secure transport of banknotes
- **NotaTracc L:** loading module for efficient and continuous feeding of banknotes into a BPS M system
- **tray holder for ergonomic, manual filling**
- **RFID tags for tracking trays**
- **NotaTracc Shuttle:** metal transport container for NotaTracc Trays plus optional wheeled trolley and driverless transport system (DTS)

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