



- **Deutsche Bundesbank, Germany's Central Bank, has introduced CashEDI to provide access to the exchange of standardised business data for all commercial banks, their logistic providers as well as retailers in Germany.**
- **This high security solution was developed in conjunction with GS1 Germany using GS1 eCom Standards and making full use of the GS1 Identification Keys (GTIN, GLN, GS1-128).**
- **Other national central Banks have already shown their interest in the CashEDI system.**
- **There is currently a great opportunity to endorse the GS1 system on a national level as the European Central Bank has officially acknowledged GS1 XML as a standard format to communicate between national central banks.**

1. Electronic Ordering of Cash: Orders can be sent electronically to the national bank. Customers receive a notification of delivery as soon as the cash is picked according to the order. With the confirmation of delivery the national bank informs its customers about the out payment of the cash.

2. Electronic notification of in payments: Customers can notify the national bank about the in payments of cash prior to delivery. This avoids paper based documents. After accepting the in payments the national bank sends out confirmations of receipts and so called final receipts which contain the accurate counting results of the cash.

The following GS1 XML standard messages are used to exchange the cash flow data:

- Multi Shipment Order for Cash Order



- Despatch Advice for Notification Of Delivery, Confirmation of Delivery and Notification of In Payment
- Receiving Advice for Confirmation of Receipt, Arrival Notice and Final Receipt

The cash itself is identified by the GS1 identification keys and bar codes:

- GTIN for identification of banknotes and coins
- GLN for identification partners
- SSCC for identification of transport units
- GS1-128 bar code for indication of the SSCC on the seals and bill of delivery

Goals & Objectives

- The key objective is to endorse and secure the use of the GS1 standards for cash handling processes in the national markets and furthermore on a harmonised European level.
- In this way a lot of new user companies can be addressed by GS1 so that the membership can be increased significantly in this (new) sector.
- The major goal is to inform all GS1 MO's about the use of the GS1 standards to support cash handling processes.
- Every European GS1 MO will be able to get in contact with its national central bank to lobby and endorse the GS1 standards.
- By creating awareness and marketing materials by the end of 2010 further activities within GS1 in Europe will be prepared.
- In a second step a comprehensive GS1 solution set will be produced in 2011 containing harmonised process and message documentations.
- The results of this project will help to strengthen the role of GS1 at the European central bank by delivering a solution containing a comprehensive set of harmonised guidelines, application rules and process descriptions.
- The MO's involved will profit by new user groups which can be addressed by new GS1 solutions. Joint activities of GS1 MOs and the piloting national banks will lead to a significant movement towards GS1 XML in this sector.

For more details please visit www.gs1.eu or contact directly the project manager Chris Przybilla at przybilla@gs1-germany.de .

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