

# cash EDI



Efficiency,  
transparency and security  
in cash payments



## CashEDI – optimising the structure of cash processes

## Upgraded services

# Efficiency

In line with its statutory mandate, the Bundesbank plays an important role in the supply and removal of cash.

It sees itself as a modern partner in the cash process with the set objective of making the cash cycle as efficient, transparent and secure as possible for all parties concerned.

With **CashEDI** – Cash Electronic Data Interchange – it meets the demand for a state-of-the-art, future-proof system for settling cash payment transactions.

**CashEDI** allows users to execute transactions electronically on the basis of the international **GS1 standards**<sup>1</sup> by furnishing cash lodgement and withdrawal processes with electronic messages and/or status reports.

In consciously opting for an international standard, the Bundesbank has sent a message within Europe. The Spanish, French and Italian central banks have and likewise chosen to adopt **GS1 standards** for their cash operations, making it the most frequently used standard in the Eurosystem.

With CashEDI, the Bundesbank has expanded its range of lodgement and withdrawal services to include an electronic settlement system.

### Lodgement notification

You may notify the relevant Bundesbank branch of your lodgements electronically.

#### | *Confirmation of receipt*

Upon taking receipt of the cash, the relevant Bundesbank branch will send you an electronic confirmation of receipt.

#### | *Finality report*

Once the deposited cash has been processed, you will be sent an electronic message informing you of the result of the count.

#### | *Additional reports for other parties involved in the transaction*

You can name additional participants who are also to receive electronic reports relating to the lodgement notification.

### Electronic cash orders

You may order cash from your Bundesbank branch electronically.

#### | *Collection notification*

As soon as the order has been compiled according to your wishes, you will receive a collection notification.

#### | *Confirmation of delivery*

Once the cash has been collected from the Bundesbank branch, you will be informed by means of an electronic delivery confirmation.

#### | *Additional reports for other parties involved in the transaction*

You can name additional participants who are also to receive electronic reports relating to the cash order.

<sup>1</sup> GS1 (Global Standards One) is a leading international organisation for the development and implementation of worldwide standards aimed at optimising logistics and supply chains. GS1 is domiciled in Brussels and has approximately 120 national member organisations, including GS1-Germany. Further information is available at [www.gs1-germany.de](http://www.gs1-germany.de)



# Accessing CashEDI

# Transp

## ExtraNet: e-business at the Deutsche Bundesbank

Access to CashEDI is provided via ExtraNet, the Bundesbank's e-business platform. ExtraNet is a high-performance infrastructure based on internet technology. An ExtraNet registration is required for CashEDI participation. Use of the ExtraNet service is free of charge.

## WebEDI

Access via WebEDI is the ideal solution if you wish to participate directly in CashEDI at little expense. The system allows you to generate lodgement notifications and place cash orders online on a Bundesbank web page. It is possible to display status reports at any time which show the current processing status of a lodgement or cash order.

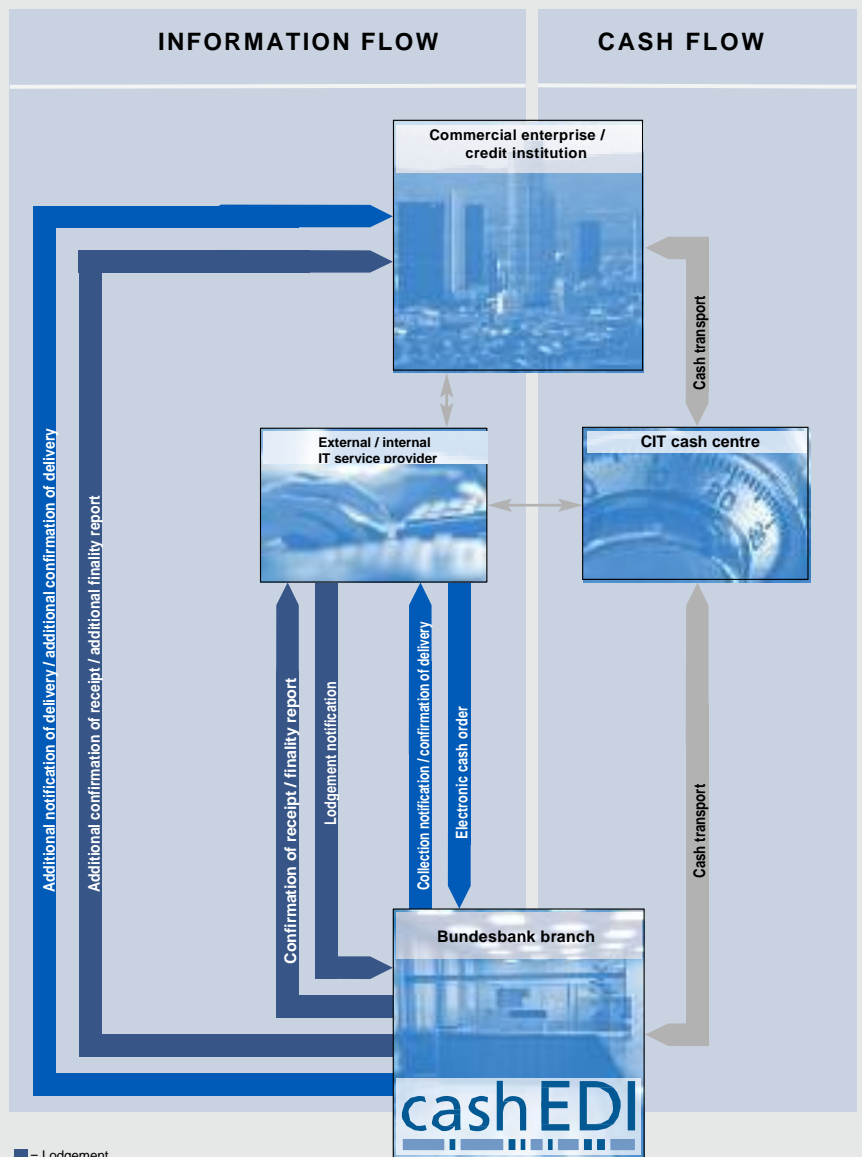
WebEDI covers the basic range of functions offered by CashEDI.

## Data exchange by file transfer

Is it your wish to transfer your lodgement and withdrawal data to the Bundesbank directly from your own IT system? If so, you are advised to initiate a data exchange using the file transfer option.

All you need to do is connect your IT system to the Bundesbank's ExtraNet. This enables the automated further processing of Bundesbank cash management messages in your own systems. Moreover, the file transfer facility offers additional services, eg notifications of collective lodgements can be sent electronically.

If your data storage is managed by an IT service provider, the provider may also be integrated in the CashEDI message exchange process.



Example





# Components of the international GS1 standards

# Agency

The GS1 standards encompass a system of standardised, non-overlapping numbers for the global identification of places, products and packaging units. This numbering system is supplemented by barcode and communication standards.

Thanks to the neutral structure of the GS1 standards, process participants are able to use them independently of individual market segments, enterprises and the central bank.

## GS1 numeric system

### GLN – Global Location Number

Your GLN identifies you in CashEDI. Your partners in the supply chain (such as the Bundesbank branches) are also clearly identified by means of a GLN.

### GTIN – Global Trade Item Number

Banknote packaging units (eg banknote packets and bundles) and coin packaging units have been allocated a GTIN by the Bundesbank. The GTIN is not printed on the unit concerned, but is used to identify the products during electronic data transfer. The respective current articles that are available to order are published by the Bundesbank on its CashEDI homepage ([www.cashedi.de](http://www.cashedi.de)).

### SSCC – Serial Shipping Container Code, known in German as NVE

In order to clearly identify cash containers, they are given an SSCC. This number enables you to track the money *en route* to or from a Bundesbank branch and, should you wish, throughout the entire cash cycle as well.

## Barcode

The SSCC is reproduced in machine-readable form in the GS1 128 barcode. The barcode enables faster processing at the counters in the Bundesbank branches and allows you to optimise your internal transfer processes.

## Communication

The electronic communication formats used are EANCOM® and GS1 XML. Using a multitude of message types, these communication standards support the numeric system described above comprising GLN, GTIN and SSCC.

## Fees for cash payment transactions with the Deutsche Bundesbank

The following fees apply to you as a CashEDI user.

### Submission as an electronic notification via CashEDI

- **lodgements** to be executed as a same-day euro credit transfer<sup>2</sup> € 2.75
- portioning of **banknote withdrawals** € 5.00

### Submission via back-up procedure

- conventional **lodgements** € 10.00
- conventional cash order/ portioning of **banknote withdrawals** € 10.00

<sup>2</sup> Additional charges may be levied for the preparation and reconciliation of the lodgement.



Efficiency

Transparency

Security

# CashEDI – optimising the structure of cash processes

## Efficiency

- | Lower internal administration costs thanks to the elimination of manual recording.
- | Multiple use of data by professional cash handlers and the Bundesbank.
- | Speedier handling of counter business.
- | Optimised internal business processes (eg through the use of scannable barcodes).
- | Less paper by dispensing with the need for lodgement vouchers.

## Transparency

- | Service reports give you direct, up-to-date information about cash transactions.
- | Tracking and tracing facility for cash containers.
- | Embedding of CashEDI in the logistics chains of professional cash handlers.

## Security

- | Separation of cash flow and information flow.
- | Reduced risk of manipulation thanks to electronic data exchange.
- | No more breaks in the media, meaning enhanced data quality.
- | User rights in ExtraNet structured according to needs.
- | Payment transaction information managed via master data.

## Any further questions?

Would you like to participate in CashEDI or do you simply need more information without any obligation? You can find out more about CashEDI by visiting [www.cashedi.de](http://www.cashedi.de)

Naturally, staff at the Bundesbank's branches will also be pleased to discuss any questions with you in person.

## Contact

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