

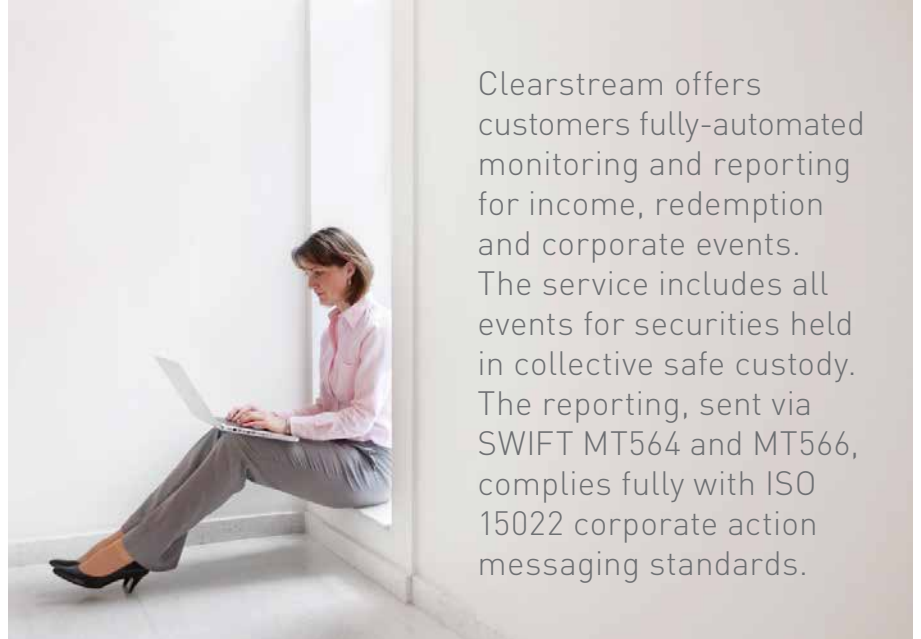
# Clearstream Asset Services

Product information  
Clearstream Banking  
Frankfurt (CSD)

## Overview of SWIFT ISO 15022 Messaging for Asset Services

### Key benefits

- Operational efficiency - possibility to automate and standardise corporate action processes.
- Reduced risk - due to information being pushed rather than accessed manually or retrieved via various media channels.
- Timely information - updated information sent if event details change.
- Flexible service - choose the services that best suit your needs.
- Independent from third party data sources.



### Services at a glance

#### Income and redemption events

Provision of pre-advise information for all income and redemption events based on SWIFT ISO 15022 standards up to pay date. Confirmation of payment on pay date.

#### Corporate Action events

Provision of pre-advise information for all corporate action events up to ex date. Confirmation on value date.

#### Voluntary Corporate Action events

Provision of pre-advise information for all voluntary events with instruction deadline and exercise options up to the end of the offer period. Confirmation of instruction execution via MT566.

#### How does it work?

Thirty working days before the event we send all available event information to our customers. We also issue updated information if the event details change, the event is cancelled

or if the customer acquires a holding in the security in the meanwhile. For voluntary or general meeting events customers can subscribe for reminders to be sent before the instruction deadline.

After the event, Clearstream provides confirmation of cash and securities accounting entries (including compensation) via SWIFT MT566.

#### Mix and match our services

Clearstream's flexible service gives customers the opportunity to configure their corporate action services to suit their needs. For instance, it is possible to choose between one event segment or a combination of several event segments.

Customers can also choose to receive both "confirmed" and "unconfirmed" pre-advise information or "confirmed" information only. Confirmation of cash and securities accounting entries after an event is another optional service.

# Key features

All messages described are available via the standard CSD connectivity media SWIFT, File Transfer and IBM WebSphere MQ.

This allows a further automation of corporate action events in the CSD environment.

## MT564 Notification for Income/Redemption and Corporate Actions

- Available for all income/redemption and corporate action events
- Message is sent based on customers CASCADE-holdings up to 30 days in advance. Transactions for claiming will not be regarded
- Real-time transmission available
- Customisation possible
- Optional SWIFT MT564 REPE provides cash forecast two business days prior to payment date
- Optional SWIFT MT564 REPE for pending OTC and stock-exchange trades which are compensated in case of settlement within the following 25 business days
- Timely information

## MT564 for Paying Agents

- Optional service for customers acting as paying agent
- The customising options are similar to the existing position-related MT564 services

## MT564 for Lead Manager

- Optional service for customers acting as lead manager

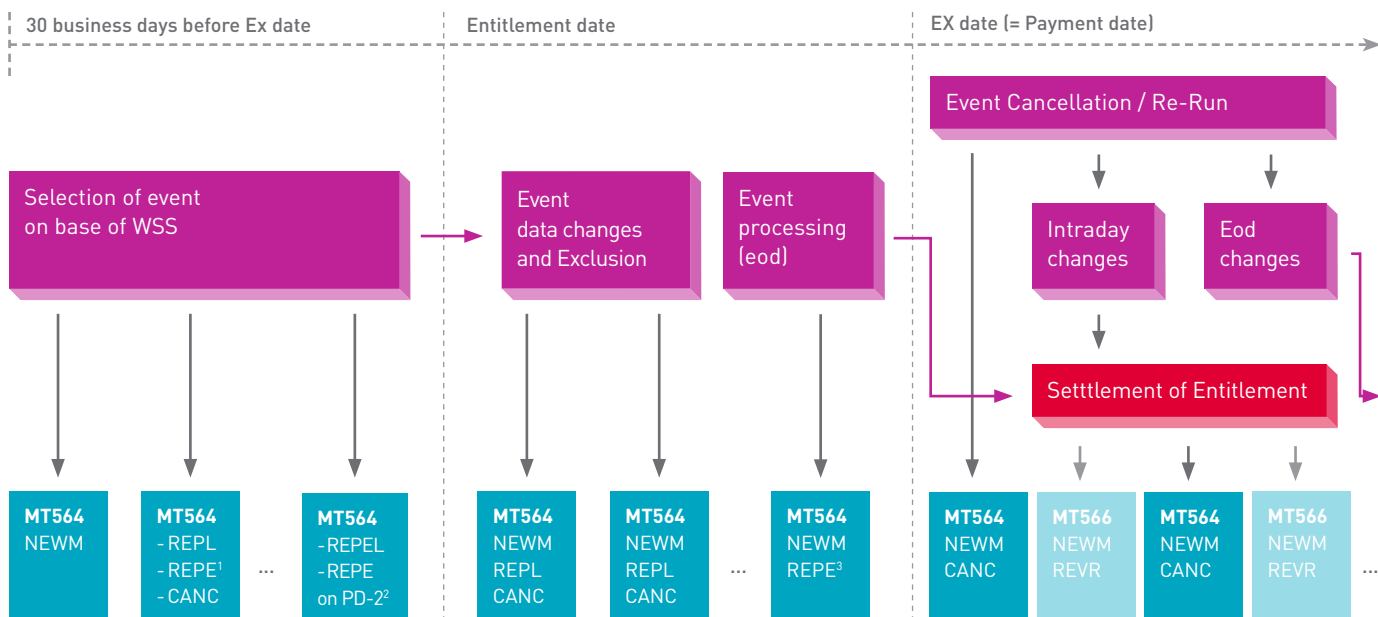
## MT565 Corporate Action Instruction

- To instruct on corporate action events

## MT566 Confirmation

- Confirmation sent after booking
- Breakdown per event
- Reference to initial event notification MT566 for compensated OTC and stock-exchange trades

# Example of process flows (MT564 Realtime)



<sup>1</sup> REPE only for MT564 Main Paying Agent and Lead Manager  
<sup>2</sup> REPE only for MT564 Income/Customer  
<sup>3</sup> REPE only for MT564 Income/Customer +MPA

# Contact information

## Further information

For further information, customers may contact Clearstream Banking Customer Service or their Relationship Officer.

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