LUXCSD

LuxCSD Release July 2012

Release Information

LuxCSD Release July 2012 - Release Information

29 June 2012

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Foreword

In this Release information, LuxCSD[1] presents enhancements and developments that are planned for implementation in July 2012.

The document contains key information about the content of the release, which covers the following areas, products and services:

- Settlement Services;
- Custody Services and Connectivity;
- Investment Funds Services.

The aim of the document is to provide customers with the operational details required to extract the full benefits from the new and enhanced services and integrate these fully into their operational processes, as appropriate.

The summary of changes related to SWIFT message standards were published, together with quality enhancements of the service provider, in Clearstream Banking[2] Announcement A12015, dated 19 January 2012 and in the Creation via SWIFT User Guide pre-issue, dated 6 June 2012.

Changes related to the increase of the number of decimal digits for unit quantities of investment fund shares were published in CBL Announcement A12040, dated 24 February 2012.

The respective documentation and guides associated with the impacted products and/or services will be updated to reflect the enhancements in due course.

Note: In some cases, this document will not contain the details of enhancements where a separate announcement has been published to address the needs of a particular product or service.

Further information

The Pre-Issue edition of the Creation via SWIFT User Guide is available at www.clearstream.com, under Information Centre / Connectivity / Creation via SWIFT Reference.

For further information about our products and services, please visit www.luxcsd.com or contact LuxCSD Customer Service or your Relationship Officer.

You will find the relevant contact details at www.luxcsd.com, under Contacts.

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1. LuxCSD refers to LuxCSD, société anonyme, registered office at 43, avenue Monterey, L-2163 Luxembourg, and registered with the Luxembourg Register of Commerce and Companies under number B-154449.
2. Clearstream Banking refers to Clearstream Banking, société anonyme, registered office at 42, avenue John F. Kennedy, L-1855 Luxembourg, and registered with the Luxembourg Register of Commerce and Companies under number B-9248 (CBL).

Release Information

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1. Executive summary

As part of LuxCSD's ongoing commitment to the timeliness and quality of our services to customers, LuxCSD will implement quality enhancements to our existing services. The services impacted and a summary of the enhancements can be found below.

Settlement Services

Effective Monday, 16 July 2012, LuxCSD will extend its settlement services, benefiting from LuxCSD's link with Clearstream Banking, to enable multicurrency settlement of against payment transactions with counterparties in domestic markets with which Clearstream Banking has a link[1] and settlement of free of and against payment transactions with Euroclear Bank (EB) counterparties.

Custody Services and Connectivity

Effective Monday, 2 July 2012, major enhancements will be made to our Coporate Action Notifications, Certification Requests and the Income Pre-Advice Report (IPAR) that can be subscribed to from the linked external cash account used for income payments in Clearstream Banking. The enhancements made will apply to the MT564 and will offer a more detailed and granular reporting. Changes to the IPAR report will be offered through all existing connectivity channels.

Investment Funds Services

Effective Monday, 2 July 2012, LuxCSD will increase the maximum number of decimal digits for unit quantities of investment fund shares from four (4) to six (6).This enhancement will apply across all services, including investment fund orders, securities settlement transactions, securities statements and custody services statements.

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1. Not including Japan and South Korea.

2.   Settlement Services

LuxCSD's current settlement services in central bank money (CeBM), using in its provisioning processes the Eurosystem/TARGET 2, will be extended to provide additional settlement services in commercial bank money (CoBM) supported by LuxCSD's link with Clearstream Banking.

LuxCSD offers the following extended services:

- Multicurrency delivery against payment (DVP) settlement;
- DVP settlement with domestic counterparties (free of payment (FOP) settlement is already supported);
- DVP and FOP settlement with counterparties in Euroclear Bank (EB).

The settlement process for non-EUR currencies and external counterparties is offered exclusively in CoBM and will require that the customer has predefined, as static data, account(s) in Clearstream Banking (ICSD linked account) to enable the CoBM settlement process. Unless otherwise specified by the customer, LuxCSD will apply, as a default setting, the account in Clearstream Banking identified for income proceeds.

The cash leg of any LuxCSD CoBM settlement transaction will be fully provisioned and settled against the ICSD linked account under Clearstream Banking settlement rules as described in the respective governing documents of Clearstream Banking.

Cash reporting of LuxCSD CoBM settlement instructions will be generated exclusively from the ICSD linked account. Report details will include the ISIN and the customer's reference of the securities instruction, together with the LuxCSD securities account number where the securities have settled. As the cash leg of the settlement instruction is processed using an underlying cash account, the LuxCSD securities account number will be referenced with "UCA" in reporting (that is, UCA 43xxx).

Further automation of existing settlement processes

Additionally, settlement processes have been further automated in relation to the rules for irrevocability of a settlement instruction and to the bilateral cancellation process, as follows:

- Rules for irrevocability of a settlement transactions

  Irrevocability rules are applicable to the following specific set of transactions referred to as "LuxCSD internal instructions":

  – Settlement transactions between two LuxCSD counterparties or;

  – Settlement transactions for instruments issued in LuxCSD.

  LuxCSD internal instructions are deemed to be entered into the settlement system and become irrevocable under the LuxCSD securities settlement system rules as of their extraction from the applicable transactional system for processing in the settlement system. Such instructions cannot be unilaterally amended or cancelled by a customer and are considered as irrevocable beyond this point.

  LuxCSD internal instructions can be cancelled and amended by bilateral requests as long as the instructions are not finally settled.

  Any instruction that has not been settled and has not been cancelled as described above will remain and be reprocessed in the settlement system for further settlement attempts until the LuxCSD internal instruction is successfully settled.

- Bilateral cancellation process

  LuxCSD internal instructions that have not become irrevocable can be unilaterally cancelled and amended by the customer. Such instructions that have become irrevocable can be cancelled and amended by bilateral requests from both counterparties to the transaction, as long as the instructions are not finally settled.

  To support this process, a new status is added for a CreationOnline Query:

    Processing: Cancellation Requested

- Automatic cancellation of failed instructions

  Instructions for LuxCSD internal transactions that have become irrevocable will be excluded from the automatic cancellation process.

Cutover

Customers do not need to take any action unless there is a need to specify a change to the Clearstream Banking account that will be linked for the CoBM settlement process.

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3. Custody Services and Connectivity

Income Pre-Advice Report (IPAR)

The following enhancements[1] will be made to the Income Pre-Advice Report (IPAR), which can be subscribed to from the linked external cash account used for income payments in Clearstream Banking via all connectivity media[2]:

- The Entitled Quantity (:36B::ENTL//) will be reported for redemptions in shares, warrants, dividend reinvestment and dividend option.

- Securities movements (SECMOVE) that could be part of the flow of an event, for example Redemptions in Shares or Warrants (that pay in cash and/or cash and securities) will be reported (added to IPAR). (Warrants that only pay in securities will not be reported.)

- Options with different payment dates that have already been paid (confirmed by MT566) will be shown as inactive in the IPAR (:22F::OSTA//INTV). Only unconfirmed Options will remain active.

- For Redemptions in Shares and Warrants with CAMV//MAND, the IPAR will only be sent if the default option has been defined.

- Reporting of drawings (event DRAW) will be improved; in addition to the Eligible Balance, the Balance affected by the drawing will be reported (:93B::AFFB) as well as the remaining unaffected balance (:93B::UNAF).

- The reporting of interest payments will be improved to display the current pool factor if applicable (if other than 1). LuxCSD will send the pool factor using field :92A::PRFC// (Previous Factor) instead of field :92A::NWFC// (Next factor).

- Pending balances will be reported using a new format (:93C::PEND//ELIG, :93C::PEND//NELG, :93C::PENR//ELIG, :93C::PENR//NELG) to more clearly distinguish eligible and non-eligible pending balances.

To determine the final balance on record date, the new eligible balance (ELIG) reported pre-record date should be read in conjunction with the PEND//ELIG and PENR//ELIG to obtain the forecast of the final balance on record date.

As from the record date, the balances reported in fields :93C::PEND//ELIG and :93C::PENR//ELIG may, depending on the underlying settlement transaction type (internal, Bridge, domestic), be subject to automatic compensations or claims to/from counterparties.

Note: In order to ensure that the pending balances are included in the IPAR, users of CreationOnline should tick the "Pending Trades" box when defining their IPAR scheduled report parameters.

In addition to the above changes, the balances calculation between Corporate Action Notifications, Certifications, IPARs and Missing Instructions Alerts will be harmonised. As a consequence, additional IPAR messages might be generated in the first run on 2 July 2012.

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1. Pre-advised in CBL Announcement A12015, dated 19 January 2012.
2. Creation via SWIFT, CreationOnline, CreationDirect via Internet, CreationDirect via VPN, CreationDirect via SWIFTNet, CreationDirect via LiMA.

If relevant to the event type reported, the following fields will be added:

Sequence B1 – Financial Instrument Attributes

SWIFT Tag	Description	CAEV	CAMV
:92A::PRFC	Previous Factor	INTR	MAND

Sequence B2 – Account Information

SWIFT Tag	Description	CAEV	CAMV
:93B::AFFB	Affected Balance	DRAW	
:93B::UNAF	Unaffected Balance	DRAW	
:93C::PEND//ELIG	Pending Delivery Balance Eligible		
:93C::PEND//NELG	Pending Delivery Balance Not Eligible		
:93C::PENR//ELIG	Pending Receipt Balance Eligible		
:93C::PENR//NELG	Pending Receipt Balance Not Eligible		

Sequence D – Corporate Action Details

SWIFT Tag	Description	CAEV	CAMV
:98C::ETPD	Early Third Party Deadline	DVCA	CHOS
:98C::TPDT	Third Party Deadline	DVOP	CHOS
		DRIP	CHOS
		EXWA	MAND
		EXWA	CHOS

Note: Fields :98C::TAXB Tax Certification Deadline and :17B::CERT Certification Y/N will not be included in the IPAR message as previously indicated.

Sequence E – Corporate Action Options

SWIFT Tag	Description	CAEV	CAMV
:22F::OSTA//INTV [1]	Option Status Inactive		
:98C::EARD	Early Deadline	DVOP	CHOS
		DRIP	CHOS
:98C::RDDT [1]	Clearstream Banking Deadline	DVCA	CHOS
:98C::MKDT [1]		REDM	MAND
		DVOP	CHOS
		DRIP	CHOS
		EXWA	MAND
		EXWA	CHOS

Subsequence E1 – Securities Movement

SWIFT Tag	Description	CAEV	CAMV
:36B::ENTL [1]	Entitled Quantity	REDM	MAND
		DVOP	CHOS
		DRIP	CHOS
		EXWA	MAND
		EXWA	CHOS
:22H::CRDB//CRED [1]	Credit/Debit Indicator Credit	REDM	MAND
		DVOP	CHOS
		DRIP	CHOS
		EXWA	MAND
		EXWA	CHOS

1. Applicable to IPAR only.

Release Information

Corporate Action Notifications

For Corporate Action Notifications, customers are reminded of the following rules:

- New corporate action (CA) option numbers will be reported if the currency in a CA option or the ISIN of the security proceeds is changed in a CA option. This will make it easier to distinguish between old and new options.

- For a large number of event types, the early deadline has added in structured fields in order to reduce the usage of the :70E://ADTX field.

- Where applicable, several cash options will be reported in structured fields in order to reduce the usage of narrative.

- With regard to event type rights distribution (RHDI), more than one right can be reported within one option using structured fields, reducing the usage of narrative. In this particular case, the corresponding two rights exercise events (EXRI) will be linked to the one right distribution event (RHDI).

- For event type DVOP CHOS (French market), the dividend amount is removed from the CASHMOVE sequence in CA option SECU. The dividend amount is reported in the CA option CASH.

Changes to CreationOnline

In addition to all the new fields added, the following enhancements will be implemented in CreationOnline, Custody, IPAR Queries, list and detail views:

- The IPAR Query on date selection "Payment Date from/to" will now check the Payment date in both Cash Movements and Securities Movements; (previously, only results for cash movements were returned).

- The columns of the IPAR list view will be rearranged and renamed to optimise field grouping:
  - Execution date is removed.
  - A new column for "Gross Tax Free" is added.
  - The former column "CCY" for Currency is removed and will be replaced by two columns:
    - "Denom CCY" for the denomination currency of the issue the other for "PAYT CCY" indicating the payment currency after any foreign exchange.
    - "Gross Amount" is renamed to "Gross Taxable".

- The column Earliest Payment Date will show the earliest payment date of Cash and Securities movements.

Customer benefits

Customers will benefit from increased quality through more granular reports and refined user management. These quality enhancements are delivered through all connectivity media.

Cutover

Customers do not need to take any action. The enhanced reports will be generated automatically for all customers from 2 July 2012.

Details

The new IPAR list view will look like the following (here presented in two halves):

IPAR Queries | Query | INTR AUD 6,25 TELSTR

Action View List Help ◄ ►   1-50 of

Safekeeping Account	Cash Account	ISIN Code	Common Code	Common Code Type	Place of Safekeeping	Instrument Type	Corporate Action Ref.	Version	Payment	Cash CR/DB
00800	00800	ES0314019003	013800758	S	IBRCESMMXXX	Bond	AC0000008	1 of 1	Unconfirmed	Credit
00800	00800	ES0314019003	013800758	S	IBRCESMMXXX	Bond	0000000097646546	1 of 1	Unconfirmed	Credit
00800	00800	CH0100869582	042267937	S	INSECHZZXXX	Bond	0000000085408334	1 of 1	Unconfirmed	Credit
00800	00800	CH0100869582	042267937	S	INSECHZZXXX	Bond	0000000085580812	1 of 1	Unconfirmed	Credit
00800	00800	CH0102853964	045477355	S	INSECHZZXXX	Bond	0000000097572742	1 of 1	Unconfirmed	Credit
00800	00800	IT0003684088	019519830	S	MOTIITMMXXX	Bond	0000000097649958	1 of 1	Unconfirmed	Credit
00800	00800	IT0003684088	019519830	S	MOTIITMMXXX	Bond	0000000097650461	1 of 1	Unconfirmed	Credit
00800	00800	IT0004083025	025951956	S	MOTIITMMXXX	Bond	0000000097658351	1 of 1	Unconfirmed	Credit
00800	00800	BE0002167337	041822171	S	NBBEBEBBXXX	Bond	0000000085408315	1 of 1	Unconfirmed	Credit
00800	00800	AT000B002423	040942793	S	OEKOATWWXXX	Bond	0000000097660838	1 of 1	Unconfirmed	Credit
00800	00800	FR0010405688	027748902	S	SICVFRPPXXX	Bond	0000000097655795	1 of 1	Unconfirmed	Credit
00800	00800	FR0010459388	029569380	S	SICVFRPPXXX	Bond	0000000085407250	1 of 1	Unconfirmed	Credit
00800	00800	FR0010459388	029569380	S	SICVFRPPXXX	Bond	0000000085579927	1 of 1	Unconfirmed	Credit
00800	00800	FR0010521559	032397158	S	SICVFRPPXXX	Bond	0000000097658998	1 of 1	Unconfirmed	Credit
00800	00800	FR0010599209	035697748	S	SICVFRPPXXX	Bond	0000000097660683	1 of 1	Unconfirmed	Credit
00800	00800	FR0010746008	042268046	S	SICVFRPPXXX	Bond	0000000085352971	1 of 1	Unconfirmed	Credit
00800	00800	FR0010746016	042272256	S	SICVFRPPXXX	Bond	0000000085352963	1 of 1	Unconfirmed	Credit
00800	00800	FR0010780494	043984241	S	SICVFRPPXXX	Bond	0000000097661978	2 of 2	Unconfirmed	Credit
00800	00800	FR0010780643	043985850	S	SICVFRPPXXX	Bond	0000000097662031	1 of 1	Unconfirmed	Credit
00800	00800	FR0010885376	050183360	S	SICVFRPPXXX	Bond	0000000085408714	1 of 1	Unconfirmed	Credit

IPAR Queries | Query | INTR AUD 6,25 TELSTR

Action View List Help ◄ ►   1-50 of 1,000 15:52 CEST

Taxable	Tax Rate	Gross Tax Free	Net Amount	Denom. CCY	Entitled Amount	Payt. CCY	Event Type	Record Date	EX Date	Earliest Payment Date	Value Date	Fixing Date	Interest Rate	Timestamp
		0.00	0.00	EUR	0.00	EUR	PCAL			16/04/12	16/04/12			09/04/12 02:32
3,625.36	21		2,864.03	EUR	2,864.03	EUR	INTR	13/04/12		16/04/12	16/04/12		0.380431	09/04/12 02:33
	0	1,312.50	1,312.50	CHF	1,312.50	CHF	INTR	13/04/12		16/04/12	16/04/12		2.625	09/04/12 02:32
		50,000.00	50,000.00	CHF	50,000.00	CHF	REDM			16/04/12	16/04/12			09/04/12 02:33
	0	3,696.87	3,696.87	EUR	3,696.87	EUR	INTR	13/04/12		16/04/12	16/04/12		0.6319444	09/04/12 02:32
		0.00	0.00	EUR	0.00	EUR	PRED	13/04/12		16/04/12	16/04/12			09/04/12 02:33
	0	99.86	99.86	EUR	99.86	EUR	INTR	13/04/12		16/04/12	16/04/12		0.02219184	09/04/12 02:32
		0.00	0.00	EUR	0.00	EUR	PRED	13/04/12		16/04/12	16/04/12			09/04/12 02:33
	0	67,500.00	67,500.00	EUR	67,500.00	EUR	INTR	13/04/12		16/04/12	16/04/12		6.75	09/04/12 02:32
	0	34.05	34.05	EUR	34.05	EUR	INTR	13/04/12		16/04/12	16/04/12		0.5674861	09/04/12 02:32
	0	16,430.00	16,430.00	USD	16,430.00	USD	INTR	13/04/12		16/04/12	16/04/12		0.205375	09/04/12 02:32
	0	227,250.00	227,250.00	EUR	227,250.00	EUR	INTR	13/04/12		16/04/12	16/04/12		4.5	09/04/12 02:32
		5,050,000.00	5,050,000.00	EUR	5,050,000.00	EUR	REDM			16/04/12	16/04/12			09/04/12 02:32
	0	47.00	47.00	EUR	47.00	EUR	INTR	13/04/12		16/04/12	16/04/12		1.175	09/04/12 02:32
	0	72.50	72.50	EUR	72.50	EUR	INTR	13/04/12		16/04/12	16/04/12		1.45	09/04/12 02:32
	0	3,000.00	3,000.00	EUR	3,000.00	EUR	INTR	13/04/12		16/04/12	16/04/12		6	09/04/12 02:33
	0	239,875.00	239,875.00	EUR	239,875.00	EUR	INTR	13/04/12		16/04/12	16/04/12		4.75	09/04/12 02:32
	0		0.00	EUR	0.00	EUR	INTR	13/04/12		16/04/12	16/04/12	12/01/12	UKWN	17/04/12 15:56
	0		0.00	GBP	0.00	GBP	INTR	13/04/12		16/04/12	16/04/12		UKWN	09/04/12 02:32
	0	16,875.00	16,875.00	EUR	16,875.00	EUR	INTR	13/04/12		16/04/12	16/04/12		3.375	09/04/12 02:32
	0		0.00	EUR	0.00	EUR	INTR	13/04/12		16/04/12	16/04/12		UKWN	09/04/12 02:33

The "Option Status" in the IPAR via CreationOnline will now indicate when an option has already been paid.

In addition, for Corporate Action Notifications, a response via the CreationOnline interface or CSV file upload will not be permitted on inactive options.

New balance types will appear in the CreationOnline IPAR detail view as follows:

- Affected Balance: Quantity of securities that have been affected by the process run through the event (Drawing events only).

- Unaffected Balance: Quantity of securities that have not been affected by the process run through the event (Drawing events only).

- Pending Delivery Eligible: Balance of securities eligible for this event that are pending delivery.

- Pending Delivery Not Eligible: Balance of securities not eligible for this event that are pending delivery.

- Pending Receipt Eligible: Balance of securities eligible for this event that are pending receipt.

- Pending Receipt Not Eligible: Balance of securities not eligible for this event that are pending receipt.

The following example of the IPAR detail view (presented in two pieces) illustrates the use of several of the new balance types and includes both cash and securities movements.

Release Information

General Information

Corporate Action Reference	0000000800000008 - Version 3 of 3
Payment Status	Unconfirmed
Safekeeping Account	00800 - BANK AG
Event Type	DRAW - Partial Redemption by Drawing
Mandatory / Voluntary	Mandatory
Notification Timestamp	10/05/12 12:51

Underlying Financial Instrument

ISIN Code	GR0124024580
Common Code	018386950 - Single
Description	EUR 4,50 HELLENIC REPUBLIC 04-2014
Place of Safekeeping	BNGRBWAAXXX - BANK OF GREECE ATHENS
Type	Bond
Attributes	
Method of Interest Computation	A011 - 30/360 (ICMA or Basic Rule)

Balances

Balance As Of	06/03/12 09:03	
PendingDeliveryEligible	FAMT	50,000
PendingDeliveryNotEligible	FAMT	60,000
Settlement Position	FAMT	2,477,000
PendingReceiptEligible	FAMT	150,000
PendingReceiptNotEligible	FAMT	471,000
Eligible	FAMT	2,477,000

Details

Announcement Date	01/02/12	
Lottery Date	01/02/12	
Annual Interest Rate		4
Interest Period	01/03/12 - 30/03/12	
Number of Days Accrued	29	
Additional Business Process Indicator	Preliminary Advice of Payment	

Option 001 CASH - Cash

Default Processing Flag	Yes	
Currency	USD	
Security Movement		
Credit / Debit	Debit	
ISIN Code	GR0124024580	
Common Code	018386950 - Single	
Description	EUR 4,50 HELLENIC REPUBLIC 04-2014	
Place of Safekeeping	BNGRBWAAXXX - BANK OF GREECE ATHENS	
Type	Bond	
Payment Date	07/03/12	
Quantity of Financial Instrument Entitled	FAMT	2,477,000
Cash Movement		
Credit / Debit	Credit	
Cash Account	80800 - BANK AG	
Value Date	07/03/12	
Payment Date	07/03/12	
Earliest Payment Date	07/03/12	
Contractual Payment Indicator	Upon Receipt of Funds	
Charges/Fees Amount	EUR	9,908
Interest Amount	EUR	7,850.6

BS_P1736_SYTE_01_ST_pz416	Clearstream Banking - CreationOnline	16:26 CEST

FX Conversion Resulting Amount	USD	369,492.6
Entitled Amount	USD	369,492.6
Net Amount	EUR	369,492.6
Principal or Corpus	EUR	371,550
Tax Free Amount	EUR	379,400.6
Charges/Fees Rate	EUR	0.004
Exchange Rate	EUR - USD	1
Withholding Tax Rate		0
Interest Rate Used for Payment		0.3169398
Cash Price Received per Product	Percentage	15

Narratives

Additional Text

PAYMENT UPON RECEIPT OF FUNDS

Action History

Version	Timestamp	Action	From	To	Executed by
3	10/05/12 12:51	Received			SYSTEM
2	10/05/12 12:51	Replaced			SYSTEM
2	10/05/12 12:31	Received			SYSTEM
1	10/05/12 12:31	Replaced			SYSTEM
1	08/05/12 12:12	Received			SYSTEM

10/05/12	Page 2/2

New Connectivity Security features

New Optional PIN authentication

New 4-digit PIN codes may be used as an additional (optional) authentication factor.

The PIN code feature can be requested at the customer's Organisation Unit (OU) level. The feature is optional and each customer decides whether they want to use it or not.

Customers who want to use the feature must send an official request to LuxCSD (via Customer Service or their Relationship Officer).

Once the feature is implemented, all CreationOnline users of the customer OU will need to regenerate their credentials. During the credentials generation process, the system will additionally request each user to set up a personal secret PIN code of four digits.

Once done, the PIN code will be requested by the system at each instruction release action and at the user's logon.

The PIN codes entered by users (which must conform to certain criteria) will be controlled by the LuxCSD application server and, in case of three successive failed attempts, the user will be suspended. Once suspended, only an Administrator will be able to reactivate the user.

## Optional removal of "Authorise own" permission for all users of an OU

Customers may decide as an additional security measure to remove the "Authorise own" feature for all its users, regardless of role. If this feature is selected, the "Verify own" and "Release own" permissions will no longer be accessible for all users of the OU (including administrators and supervisors).

Customers who want to use the feature must send an official request to LuxCSD (via Customer Service or their Relationship Officer).

Release Information

Modified Display in User Management – User permissions

The display of CreationOnline user permissions has been modified. The "Authorise Own" permissions, which only a Supervisor can have, are now displayed in a separate category to highlight which CreationOnline users may authorise their own actions. There are no functional changes to the associated permissions for users to release and verify their own instructions (Securities, Cash, Triparty collateral and Custody instructions; Free format messages; User Management and Report Scheduling).
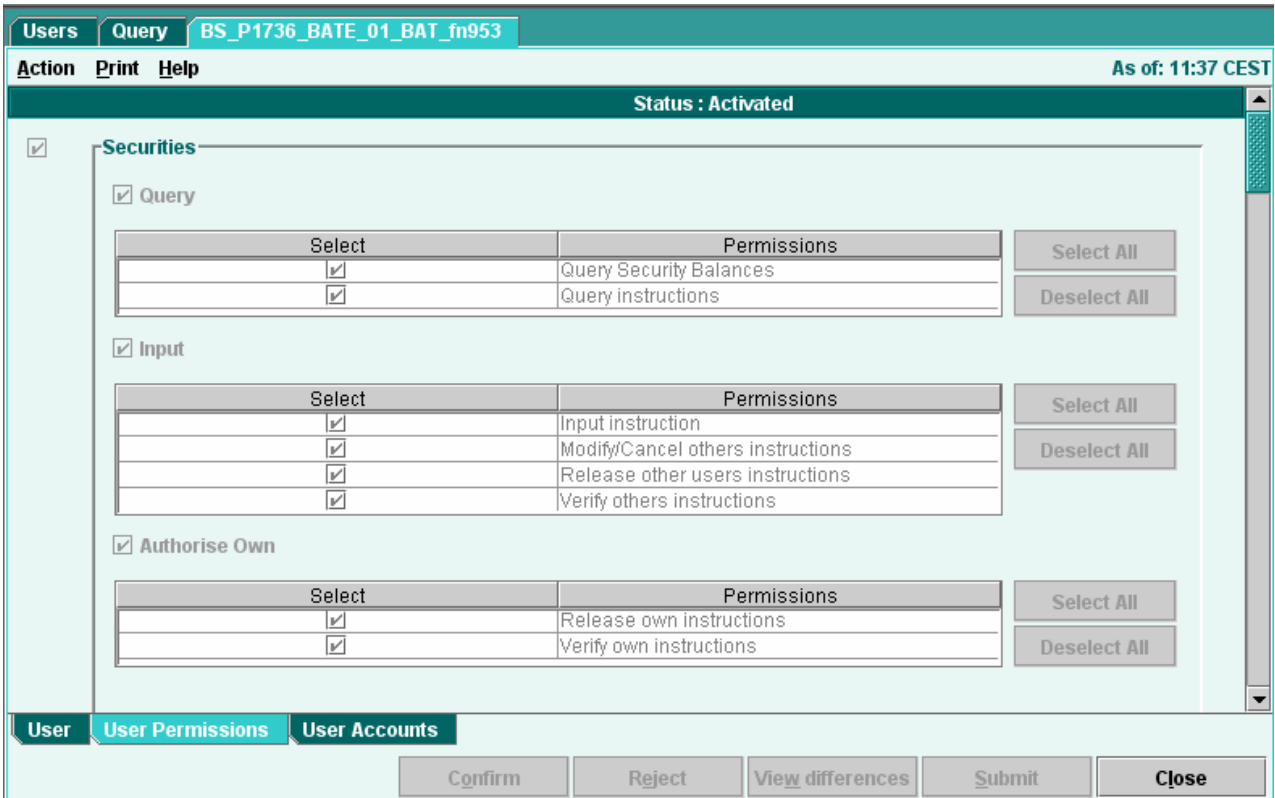
Validation of the Certificate for establishing an HTTPS URL connection to CreationOnline by VeriSign™

As part of the installation procedure, each CreationOnline user is currently requested to manually download and import the Clearstream Root CA Certificate into their browsers (as Trusted Root Certification Authority), to guarantee that the HTTPS connection used to access CreationOnline can be trusted by the browser.

We have simplified the CreationOnline installation process, and this procedure will no longer be necessary, as https://www.creationconnect.com is now certified by an external Trusted Certificate Authority.

When accessing CreationOnline, this is directly visible in the browser as the URL www.creationconnect.com displayed in green and showing the secure padlock to indicate that the connection is secure.

For more information on the use of these security features, customers should contact their Customer Service Officer.

4. Investment Funds Services

LuxCSD will increase the maximum number of decimal digits for unit quantities of investment fund shares from four (4) to six (6).

This enhancement will apply across all services, including investment fund orders, securities settlement transactions, securities statements, custody statements and CreationOnline.

Note: The maximum number of significant digits (integers plus decimals) for expressing quantities in transactions will remain unchanged at 13.

The number of decimals for each share class (ISIN) is defined in Clearstream Banking's investment funds reference data and published in the Information Centre on the Clearstream website in the following locations:

- Investment Funds Services / ICSD / Supported Funds / Fund List;
- Market Reference / ICSD / Reference Data / Securities / Fractional shares.

Customers subscribing to Vestima^DATA will receive automated updates via daily file transfers. Changes to the number of decimals supported for individual share classes are included in the Vestima^DATA fund delta report. For information, please see the Vestima^DATA product pages.

Customer benefits

LuxCSD customers will receive improved trading, settlement and asset servicing; for example, in the execution of cash amount orders in fund shares that have high value pricing. This enhancement will allow for further increases to the number of investment fund shares accepted by LuxCSD.

Cutover

The number of decimals for each share class (ISIN) will be updated as and when required by the fund prospectus and the relevant fund-side agents.

5. UK government debt and "bulldog" securities

LuxCSD will enable customers to settle and hold UK government debt and foreign sterling denominated ("bulldog") instruments with a maximum number of two decimal digits. This enhancement will apply across all services, including securities settlement transactions, securities statements and asset services statements.

Customer benefits

LuxCSD customers will benefit from additional flexibility in settlement and asset services.

Release Information

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