

INTERFAZ GRÁFICA DE CLM

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SISTEMAS DE PAGO



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1. INTRODUCCIÓN



CLM es el componente que permite a los participantes monitorizar y gestionar la liquidez a través de todos los servicios de TARGET. La participación en CLM es obligatoria para poder tener acceso al resto de servicios.

Central Liquidity Management (CLM) se usa para:

- Administración centralizada de la liquidez.
- Acceso a financiación intradía (línea de crédito).
- Cumplimiento del coeficiente de reservas mínimas.
- Participación en las operaciones del Banco Central (Operaciones de Mercado Abierto, Facilidades permanentes y Gestión del efectivo).
- Cobro de la facturación.

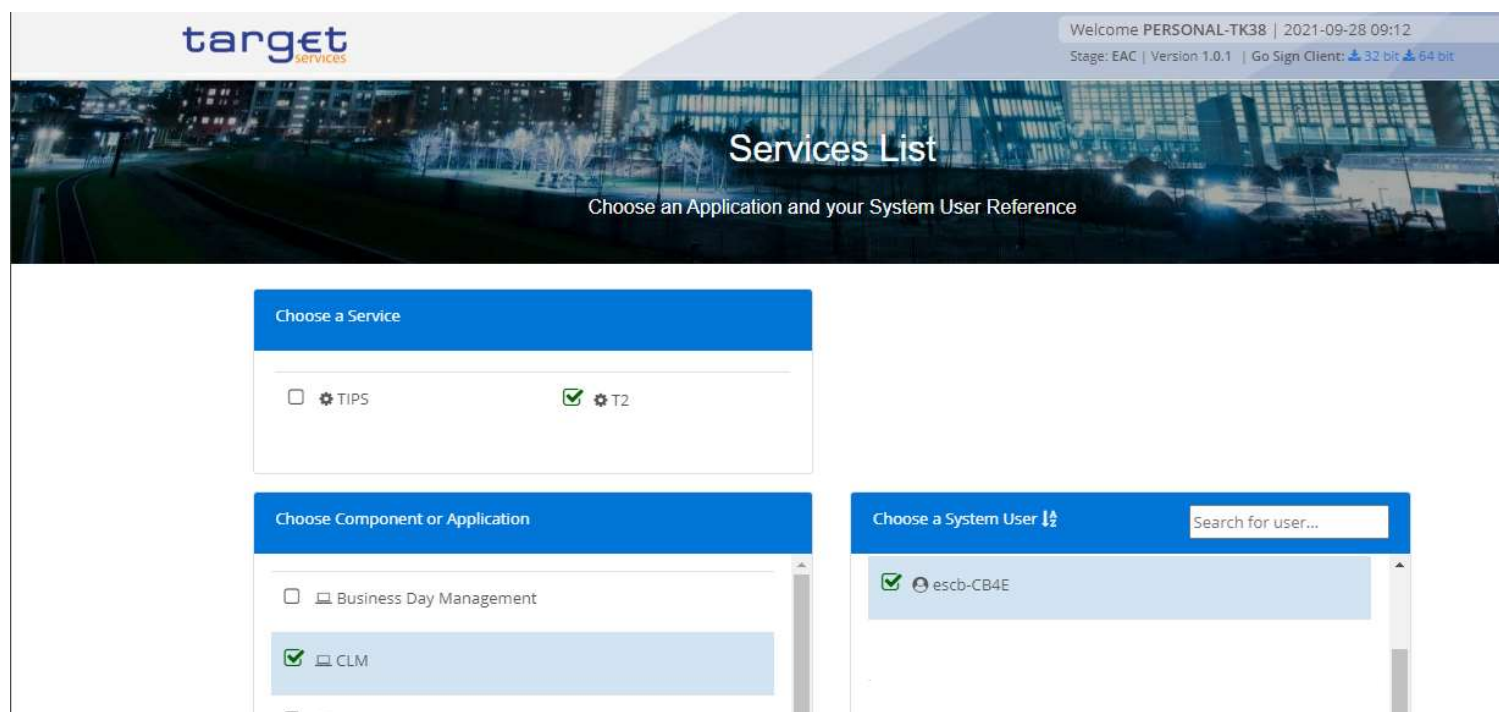


2. ACCESO Y NAVEGACIÓN



La comunicación con CLM puede darse:

- A2A: application-to-application.
- **U2A: user-to-application, a través de la interfaz de usuarios o Graphical User Interface (GUI).**



La GUI de CLM divide en 7 bloques de contenido:

- **Cash Transfer and Messages**
- **Liquidity**
- **Liquidity Management Features**
- **Query Standing Facilities**
- **Minimum Reserves**
- **Reference Data**
- **Administration**

target services | T2 Central Liquidity Management
EXTERNAL ACCEPTA... | Business Day 2021-08-16

Welcome

- Cash Transfers and Messages
- Liquidity
- Liquidity Management Features
- Query Standing Facilities**
- Minimum Reserves
- Reference Data
- Administration

3. Monitorización



CLM – MONITORIZACIÓN

Monitorización de la liquidez de una cuenta de CLM

Para monitorizar la liquidez podemos acceder al menu principal y, desde allí a Liquidity/ Query CLM Cash Account liquidity:

The screenshot shows the 'target | T2 Central Liquidity Management' interface. The header includes 'EXTERNAL ACCEPTA...' and 'Business Day 2021-08-20'. The user information is 'User: escb-C' and 'Release: (0.35.0)'. A navigation bar contains a menu icon, an envelope icon, and the text 'Not implemented yet'. Below this is a list of menu items:

Cash Transfers and Messages	▶	
Liquidity	▶	Query Dashboard Liquidity Overview
Liquidity Management Features	▶	Query CLM Cash Account Liquidity
Query Standing Facilities	▶	New Liquidity Transfer
Minimum Reserves	▶	
Reference Data	▶	
Administration	▶	



CLM – MONITORIZACIÓN

Monitorización de la liquidez de una cuenta de CLM

The screenshot displays the 'Query CLM Cash Account Liquidity' interface. At the top, the 'target services | T2' logo is visible alongside the title 'Central Liquidity Management' and the text 'EXTERNAL ACCEPTA... | Business Day 2021-08-17'. User information shows 'User: ESCB - ABCDESMXXX -1' and 'Release: (0.35.0 #7)'. A 'placeholder logo' is present in the top right corner. The main navigation bar includes a menu icon, an envelope icon, the title 'Query CLM Cash Account Liquidity', and utility icons for star, help, settings, and power. Below this, a 'Search Criteria' section is expanded to show 'General*'. Two input fields are present: 'Account Number' (empty) and 'Account BIC' (containing 'ABCDESMXXX'). Both fields have search icons. At the bottom left, the 'Submit' button is circled in red, next to a 'Reset' button. A speaker icon is located in the bottom right corner of the interface area.

CLM – MONITORIZACIÓN

Monitorización de la liquidez de una cuenta de CLM



Central Liquidity Management

EXTERNAL ACCEPTA... | Business Day 2021-09-27

User: ESCB - ABCDESMXXX-1
Release: (0.35.0 #16)



☰ **Display CLM Cash Account Liquidity**
Query CLM Cash Account Liquidity



ABCDESMXXX Entidad pruebas MESEURABCDESMXXX00112100000100001 ABCDESMXXX

Liquidity Information

Starting Balance **115,730,871.95 EUR**

Settled Cash Transfers

- ▶ Settled Debit Liquidity Transfers 0.00 EUR
- ▶ Settled Credit Liquidity Transfers 0.00 EUR
- ▶ Settled Debit Payments 0.00 EUR
- ▶ Settled Credit Payments 56.00 EUR

Current Balance **115,730,927.95 EUR**

Credit Line 34,231,151.96 EUR

Available Liquidity **149,962,079.91 EUR**

*Esta pantalla puede servir para ejecutar el Mandatory Test T2_TC_CLM_AH_ID3



CLM – MONITORIZACIÓN

Monitorización de la liquidez de una cuenta de CLM



Central Liquidity Management

EXTERNAL ACCEPTA... | Business Day 2021-09-28

User: escb-CAIXESBBXXX-1
Release: (0.35.0 #16)

placeholder logo



Display CLM Cash Account Liquidity

Query CLM Cash Account Liquidity



Queued Cash Transfers

▶ Queued Debit Payments	0.00 EUR
▶ Queued Credit Payments	0.00 EUR
▶ Pending Credit Line Changes	0.00 EUR

Earmarked Cash Transfers

▶ Earmarked Debit Cash Transfers	0.00 EUR
▶ Earmarked Credit Cash Transfers	0.00 EUR

Projected Liquidity

149,962,078.91 EUR

Reservations

Reservations for Central Bank Operations	300.00 EUR
Reservations for Seizure of Funds	0.00 EUR

Pending Reservations

Reservations for Central Bank Operations	0.00 EUR
Reservations for Seizure of Funds	0.00 EUR

Floor/Ceiling Information

Floor Threshold	0.00 EUR
Ceiling Threshold	0.00 EUR

New Liquidity Transfer Order



Para monitorizar la liquidez global podemos acceder al menu principal y, desde allí, a Liquidity/ Query Dashboard Liquidity Overview

target | T2 Central Liquidity Management
EXTERNAL ACCEPTA... | Business Day 2021-08-23

Welcome

Cash Transfers and Messages	▶	
Liquidity	▶	Query Dashboard Liquidity Overview
Liquidity Management Features	▶	Query CLM Cash Account Liquidity
Query Standing Facilities		New Liquidity Transfer
Minimum Reserves	▶	
Reference Data	▶	
Administration	▶	

CLM – MONITORIZACIÓN

Monitorización de la liquidez global

target | T2 Central Liquidity Management
services PRESENTATION | Business Day 2019-10-10

User: RMPC-GUI-USR01
Release: 1.010.000
Last Update: 2019-10-02 15:24:31

placeholder logo

Query Dashboard Liquidity Overview
Liquidity / Query Dashboard Liquidity Overview

Query Content

Account Monitoring Group

Account Selection

MCAAs
 No filter selected

RIGS DCAs
 No filter selected

Sub-Accounts
 No filter selected

TIPS DCAs
 No filter selected

T2S DCAs
 No filter selected

Account Monitoring Group

Account Monitoring Group ID

Style Selection
Dashboard View

Submit Reset

PROVISIONAL



CLM – MONITORIZACIÓN

Monitorización de la liquidez global

Display Dashboard Liquidity Overview			
Liquidity / Display Dashboard Liquidity Overview			
+ Search Criteria			
- Results			
- DE			
Liquidity Information CLM		Aggregated View	
MCA 1 Information			
Current Balance	125,000,000.00	EUR	
Credit Line	80,000,000.00	EUR	
Seizure of Funds	-10,000,000.00	EUR	
Available Liquidity	195,000,000.00	EUR	
Aggregated Amount of Queued Debit Transactions	-50,000,000.00	EUR	
Aggregated Amount of Queued Credit Transactions	10,000,000.00	EUR	
Aggregated Amount of Earmarked Debit Transactions	0.00	EUR	
Aggregated Amount of Earmarked Credit Transactions	10,000,000.00	EUR	
Projected Liquidity	155,000,000.00	EUR	
MCA 2 Information			
Current Balance	225,000,000.00	EUR	
Credit Line	80,000,000.00	EUR	
Seizure of Funds	-10,000,000.00	EUR	
Available Liquidity	295,000,000.00	EUR	
Aggregated Amount of Queued Debit Transactions	0.00	EUR	
Aggregated Amount of Queued Credit Transactions	0.00	EUR	
Aggregated Amount of Earmarked Debit Transactions	0.00	EUR	
Aggregated Amount of Earmarked Credit Transactions	0.00	EUR	
Projected Liquidity	295,000,000.00	EUR	
Available Liquidity in CLM	350,000,000.00	EUR	
Liquidity in RTGS	125,000,000.00	EUR	
Liquidity in TIPS	50,000,000.00	EUR	
Liquidity in T2S	500,000,000.00	EUR	
Available Liquidity Overall	1,025,000,000.00	EUR	
Current Liquidity Overall	945,000,000.00	EUR	

PROVISIONAL



CLM – MONITORIZACIÓN

Monitorización de la liquidez global

Liquidity Information RTGS

RTGS DCA 1 Information		
Current Balance	125,000,000.00	EUR
Aggregated Amount of Queued Debit Transactions	-85,000,000.00	EUR
Aggregated Amount of Queued Credit Transactions	10,000,000.00	EUR
Aggregated Amount of Earmarked Debit Transactions	0.00	EUR
Aggregated Amount of Earmarked Credit Transactions	10,000,000.00	EUR
Projected Liquidity	85,000,000.00	EUR

Sub-Account 1 Information		
Current Balance	7,500,000.00	EUR

Sub-Account 2 Information		
Current Balance	7,500,000.00	EUR

Liquidity Information TIPS

TIPS DCA 1 Information		
Current Balance	10,000,000.00	EUR

TIPS DCA 2 Information		
Current Balance	20,000,000.00	EUR

TIPS DCA 3 Information		
Current Balance	20,000,000.00	EUR

Liquidity Information T2S

T2S DCA 1 Information		
Current Balance	0.00	EUR
Value of the available Collateral in T2S	0.00	EUR
Value of the Outstanding Auto-Collateralisation Amount in T2S	0.00	EUR

T2S DCA 2 Information		
Current Balance	500,000,000.00	EUR
Value of the available Collateral in T2S	300,000,000.00	EUR
Value of the Outstanding Auto-Collateralisation Amount in T2S	20,000,000.00	EUR

PROVISIONAL



CLM – MONITORIZACIÓN

Monitorización de pagos



target | T2 Central Liquidity Management
EXTERNAL ACCEPTA... | Business Day 2021-08-17

Welcome
Query Cash Transfers

Cash Transfers and Messages	▶	Query Cash Transfers
Liquidity	▶	Query Messages
Liquidity Management Features	▶	Query Account Postings
Query Standing Facilities		
Minimum Reserves	▶	
Reference Data	▶	
Administration	▶	

CLM – MONITORIZACIÓN

Monitorización de pagos

target services | T2 Central Liquidity Management
EXTERNAL ACCEPTA... | Business Day 2021-07-15

User: ESCB - ABCDESMXXX -1
Release: (0.25.0 #38)

placeholder logo

Query Cash Transfers
WIP

Search Criteria

General

Credits / Debits
Credits and Debits

Message Type
 No filter selected AI

Cash Transfer Type
 No filter selected AI

Cash Transfer Status
 No filter selected AI

Exact Amount
= EUR

Amount From
≥ EUR

Amount To
< EUR

Value Date

Timing

Account Selection

Identifier

Sender and Receiver Information (BAH)

Counterpart Country

Output Parameters

Submit Reset



☰ ✉ **List of Cash Transfers** ☆ ? ⚙ 🔌
 Query Cash Transfers

+ Search Criteria

- Results

Last Refresh: 2021-08-23 13:19:57 CEST Refresh

List of Cash Transfers

	Queue Position	Instruction ID	End to End ID	Message Type	Debit Account	Credit Account	Amount	Cash Transfer Status	Earliest Debit Timestamp	Latest Deb
<input type="checkbox"/>		Pago 2	NOTPROVIDED	Financial Institution Credit Transfer (Pacs.009)	ESPBESMMXXX	ABCDESMXXX	23,456.00 EUR	Settled		...
<input type="checkbox"/>		Pago 1	NOTPROVIDED	Financial Institution Credit Transfer (Pacs.009)	ESPBESMMXXX	ABCDESMXXX	12,345.00 EUR	Settled		...

<< < **1** > >> Results 1 to 2 of 2 🔍



4. Transferencias de liquidez

CLM – TRANSFERENCIAS DE LIQUIDEZ

Transferencias inter-servicio

Tanto las transferencias inter-servicio como facilidades de depósito se hacen desde la pantalla de **New liquidity transfer**:

target services | T2 Central Liquidity Management
EXTERNAL ACCEPTA... | Business Day 2021-08-17

Welcome
Query Minimum Reserve

Cash Transfers and Messages	▶	
Liquidity	▶	Query Dashboard Liquidity Overview
Liquidity Management Features	▶	Query CLM Cash Account Liquidity
Query Standing Facilities	▶	New Liquidity Transfer
Minimum Reserves	▶	
Reference Data	▶	
Administration	▶	



New Liquidity Transfer

Liquidity Transfer Account Information

Debit Account

Account Number*

MESEURABCDESMXXX00112100000100001



Display Liquidity

Credit Account

Account Number*

RESEURABCDESMXXX00112100000100001



Display Liquidity

Liquidity Transfer Details

Amount*

1,234 EUR

End To End ID*

LT

Submit

Reset

*Esta pantalla puede servir para ejecutar el Mandatory Test T2_TC_CLM_AH_ID1



Debit Account Number

Search Criteria

General

Party BIC (wildcards allowed)

ABCD*

Party Long Name (wildcards allowed)

Account Number

Account BIC

Account Type

No filter selected

AI

Liquidity Transfer Group

Output Parameters

Submit

Reset

CLM – INTRODUCCIÓN DE TRANSFERENCIAS

Transferencias inter-servicio

Debit Account Number X

Entidad pruebas

+ Search Criteria

- Results Last Refresh: 2021-08-24 12:23:57 CEST [Refresh](#)

List of Cash Account Reference Data

	Blocking Status	Party BIC	Party Long Name	Account BIC	Account Number	Account Type	
<input type="checkbox"/>		ABCDESMXXX	Entidad pruebas	ABCDESMXXX	RESEURABCDESMXXX00112100000100001	RTGS DCA	...
<input type="checkbox"/>		ABCDESMXXX	Entidad pruebas	ABCDESMXXX	RESEURABCDESMXXX00112100000100002	RTGS DCA	...
<input checked="" type="checkbox"/>		ABCDESMXXX	Entidad pruebas	ABCDESMXXX	RESEURABCDESMXXX00112100000100003	RTGS DCA	...
<input type="checkbox"/>		ABCDESMXXX	Entidad pruebas	ABCDESMXXX	RESEURABCDESMXXX00112100000100001	MCA	...
<input type="checkbox"/>		ABCDESMXXX	Entidad pruebas	ABCDESMXXX	MESEURABCDESMXXX00112100000100002	MCA	...
<input type="checkbox"/>		ABCDESMXXX	Entidad pruebas	ABCDESMXXX	MESEURABCDESMXXX00112100000100003	MCA	...
<input type="checkbox"/>		ABCDESMXXX	Entidad pruebas	ABCDESMXXX	MESEURABCDESMXXX00112100000100004	MCA	...

Select

CLM – INTRODUCCIÓN DE TRANSFERENCIAS

Facilidades de depósito



Central Liquidity Management
EXTERNAL ACCEPTA... | Business Day 2021-08-19

User: ESCB - ABCDESMXXX-1
Release: (0.35.0 #7)



Navigation bar with icons for menu, mail, and "New Liquidity Transfer" title. On the right, icons for star, help, settings, and power.

Liquidity Transfer Account Information

Debit Account

Account Number*

MESEURABCDESMXXX0011210000100001



Display Liquidity

Credit Account

Account Number*

DESEURABCDESMXXX0011210000100001



Display Liquidity

← Overnight Deposit Account

Liquidity Transfer Details

Amount*

1,234,567 EUR

End To End ID*

OND

Submit (circled) Reset

*Esta pantalla puede servir para ejecutar el Mandatory Test T2_TC_CLM_AH_ID4



CLM – INTRODUCCIÓN DE TRANSFERENCIAS

Facilidades de depósito

Credit Account Number ✕

Search Criteria

General

Party BIC (wildcards allowed)	Party Long Name (wildcards allowed)
<input type="text"/>	<input type="text"/>
Account Number	Account BIC
<input type="text"/>	<input type="text"/>

Account Type

- ECB Minor Account
- ECONS II Transit Account
- MCA
- Marginal Lending Account
- Overnight Deposit Account
- RTGS CB Account

Submit

CLM – INTRODUCCIÓN DE TRANSFERENCIAS

Facilidades de depósito

Credit Account Number ✕

+ Search Criteria

- Results Last Refresh: 2021-08-23 15:48:53 CEST Refresh

List of Cash Account Reference Data

Blocking Status	Party BIC	Party Long Name	Account BIC	Account Number	Account Type	Default MCA	Linked
<input type="checkbox"/>	ESPBESMMXXX	Banco de Espana		DESEURABCDESMXXX00112100000100001	Overnight Deposit Account	No	...

« < 1 > » Results 1 to 1 of 1 🔍

Select

5. Documentación de interés

- **CLM UHB** → T2-T2S User Handbook v1.5 Central Liquidity Management
- **CLM UDFS** → Especificaciones funcionales detalladas Central Liquidity Management v2.2

Disponibles en nuestra página web, a través del siguiente link:

[https://www.bde.es/bde/es/areas/sispago/sis_pago_may/TARGET2-Banco de/proyectos-eurosi/Proyectos_Eurosistema.html](https://www.bde.es/bde/es/areas/sispago/sis_pago_may/TARGET2-Banco_de/proyectos-eurosi/Proyectos_Eurosistema.html)

GRACIAS POR SU ATENCIÓN

SISTEMAS DE PAGO

