

# **BUSINESS DAY MANAGEMENT**

**Soraya Sala**

Píldoras informativas Consolidación T2-T2S

Septiembre 2021 (Diapositivas 9 y 10 actualizadas en diciembre 2021)

SISTEMAS DE PAGO

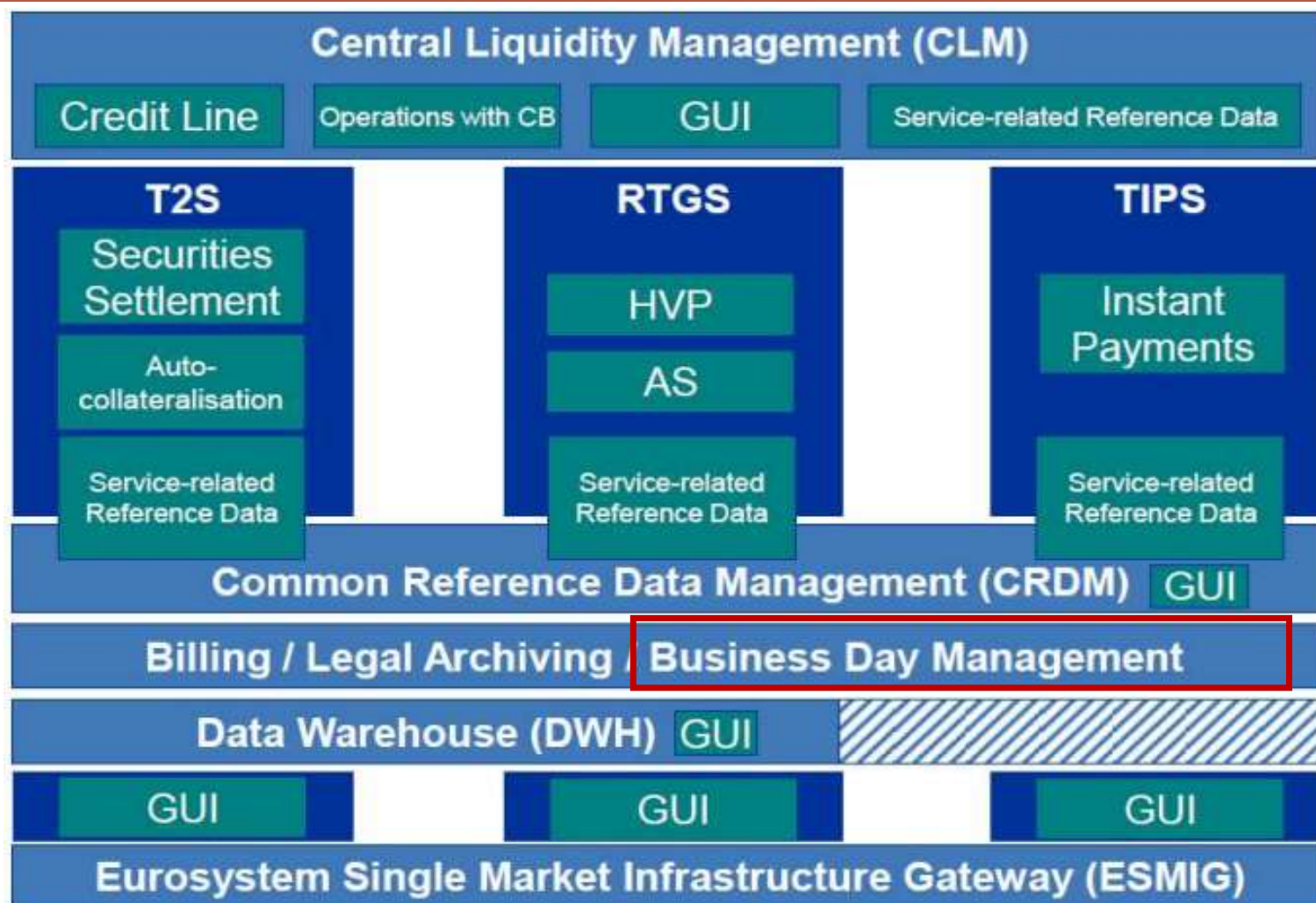


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# 1. INTRODUCCIÓN





El componente común **BDM** gestiona la programación del día de negocio (Business Day) para todos los servicios TARGET, esto incluye:

- **Gestión del calendario.** La definición de los días de cierre para cada servicio TARGET.
- **Gestión de horarios diarios.** La definición y planificación de los eventos (por ejemplo, los cut-offs) de los servicios TARGET y componentes comunes. La replanificación de eventos en caso de situación de contingencia.

La **interacción** con **BDM** puede realizarse:

- **U2A.** Mediante las pantallas de BDM es posible acceder al calendario y horarios diarios.
- **A2A.** Se puede consultar la información sobre el día de negocio enviado un camt.018 a BDM, que responderá mediante un camt.019.



### El Business Day

- Es gestionado por Business Day Management (BDM). Consiste en diferentes periodos de día de negocio.
- Contiene una serie de **Eventos** que desencadenan los procesos en cada servicio TARGET.  
Se registran **marcas de tiempo** (timestamps) programadas y efectivas (inicio/finalización) para cada Evento.
- Tiene ventanas de liquidación que se cierran a través de cortes (cut-offs). Existen **días de cierre** específicos para cada divisa y servicio TARGET.
- Posibilidad de que el Operador modifique la programación diaria en el **tiempo de ejecución**.

### Día de negocio estándar en PROD:



## 2. VISIÓN GENERAL DEL DÍA DE NEGOCIO EN CLM Y EN RTGS



### **CLM está estructurado en cuatro periodos:**

- Start of Day (18:45 - 19:00 CET)
- CLM Real Time Settlement (*Operaciones de Banco Central y Transferencias de Liquidez*) (19:00 - 18:00 CET)
- La ventana de manteniendo para los servicios TARGET (si está activa)
- End of Day (18:00 - 18:45 CET)

### **RTGS está estructurado en cinco periodos:**

- Start of Day (18:45 – 19:30 CET)
- RTGS Real Time Settlement I (*Operaciones Sistemas Vinculados y Trans. Liquidez*) (19:30 – 02:30 CET)
- La ventana de manteniendo para los servicios TARGET (si está activa)
- RTGS Real Time Settlement II (*Operaciones Sistemas Vinculados, Trans. Liquidez, Pagos de clientes y Pagos interbancarios*) (02:30 – 18:00 CET)
- End of Day (18:00 – 18:45 CET)





# VISIÓN GENERAL DEL DÍA DE NEGOCIO EN CLM Y EN RTGS

Comparativa horarios PROD y UTEST en CLM

CLM	PROD		UTEST	
	Time	Event	Time	Event
			<b>06:30</b>	Start of Testing/Apertura entorno
	<b>18:00</b>	Cut-off for CLM RTS (Evento CCII)	<b>15:30</b>	Cut-off for CLM RTS (Evento CCII)
	<b>18:15</b>	General Cut-off for standing facilities (Evento CCSF)	<b>15:45</b>	General Cut-off for standing facilities (Evento CCSF)
	<b>18:45</b>	EoD – close of service (Evento CCOS) Change of business day (Evento CSOD)	<b>16:15</b>	EoD – close of service (Evento CCOS) Change of business day (Evento CSOD)
	<b>19:00</b>	Start of CLM RTS (Evento CRTI)	<b>16:30</b>	Start of CLM RTS (Evento CRTI)
			<b>19:00</b>	End of Testing/Cierre entorno



# VISIÓN GENERAL DEL DÍA DE NEGOCIO EN CLM Y EN RTGS

Comparativa horarios PROD y UTEST en RTGS

RTGS		PROD		UTEST
	<b>2:30</b>	Start of RTGS RTS II (Evento RRII)	<b>6:30</b>	Start of Testing/Apertura del entorno Start of RTGS RTS II (Evento RRII)
	<b>17:00</b>	Cut off for customer payments (Evento RCOC)	<b>15:15</b>	Cut off for customer payments (Evento RCOC)
	<b>18:00</b>	Cut off RTGS RTS II (Evento RCII)	<b>15:30</b>	Cut off RTGS RTS II (Evento RCII)
	<b>18:45</b>	EoD- Close of service (RCOS) Change of business day (Evento RSOD)	<b>16:15</b>	EoD- Close of service (RCOS) Change of business day (Evento RSOD)
	<b>19:30</b>	Start of RTGS RTS I (Evento RRTI ) Execution standing orders (Evento RESO)	<b>17:00</b>	Start of RTGS RTS I (Evento RRTI ) Execution standing orders (Evento RESO)
			<b>19:00</b>	End of Testing/ Cierre del entorno

# 3. INTERFAZ GRÁFICA DE BDM



## A través del portal ESMIG

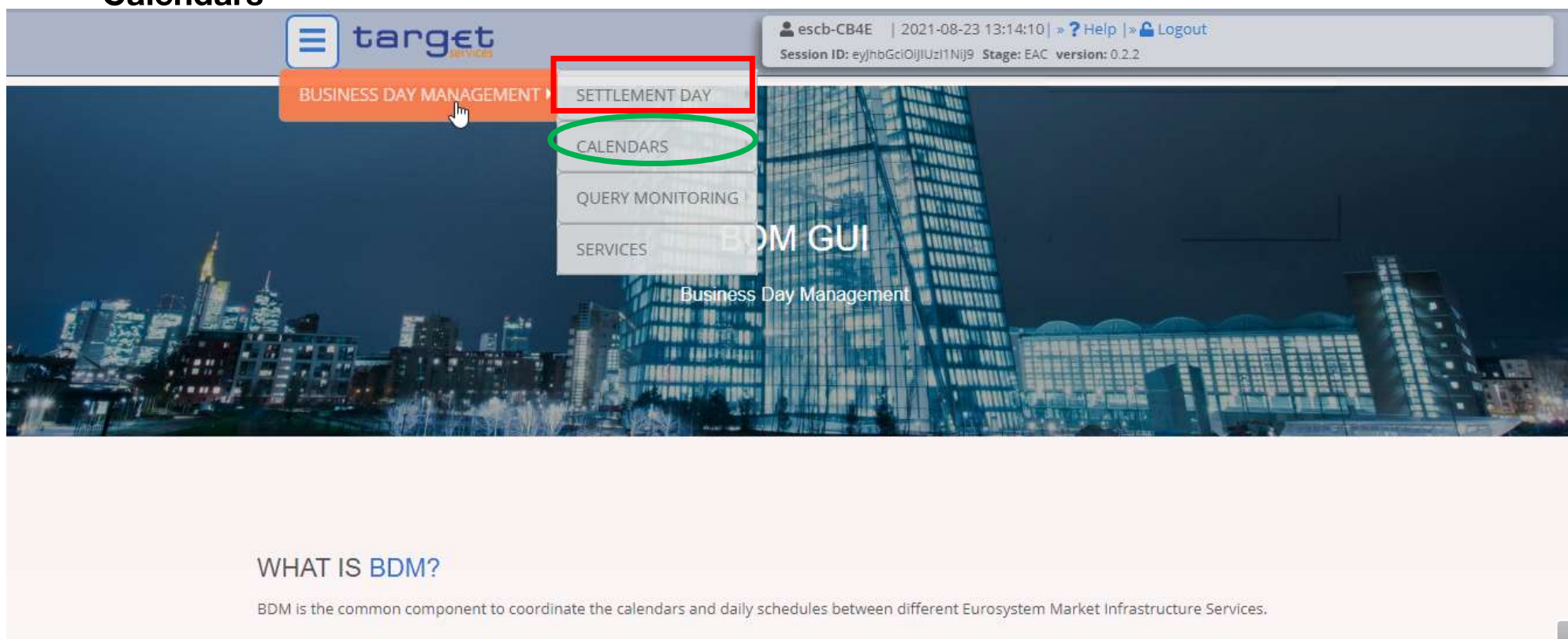
The screenshot shows the 'target services' portal interface. At the top, there is a header with the 'target services' logo on the left and a welcome message: 'Welcome PERSONAL-TK37 | 2021-08-27 10:12'. Below the header, there are two main sections. The left section is titled 'Choose Component or Application' and contains a list of components with checkboxes: 'Business Day Management' (checked), 'CLM', 'CRDM', 'Data Migration Tool', 'Data Warehouse', and 'RTGS'. The right section is titled 'Choose a System User' and contains a search bar and a list of system users with checkboxes: 'escb-ESPESMMTTE-1', 'escb-ESPESMMTTE-2', 'escb-IPAYESMMAS1-1', 'escb-IPAYESMMAS1-2', and 'escb-q29135' (checked). At the bottom left, there is a blue 'Submit' button. At the bottom right, there is a small grey square button with an upward arrow and a speaker icon.

# INTERFAZ GRÁFICA DE BDM

Pantalla inicial y menú de navegación

Dentro del menú principal de **BDM**, los accesos más relevantes son:

- **Settlement day**
- **Calendars**



# INTERFAZ GRÁFICA DE BDM

## Pantalla Settlement Day



escb-CB4E | 2021-08-25 14:24:43 | ? Help | Logout  
Session ID: eyJhbGciOiJIUzI1NiJ9 Stage: EAC version: 0.2.2

Business Day Management > Settlement Day > Settlement Day > Search



### SETTLEMENT DAY LIST

#### Service Business Day

Service	Business Date	Open Currenc...	Current Busin...	Operating Da...	Operating Da...
T2S	2021-08-25	DKK,SEK,EUR	RTMS	WORK	Working Day
T2 CLM COMPONENT	2021-08-25	EUR	SODP	WRKE	Full WORK EAC
T2 RTGS COMPONENT	2021-08-25	EUR	SODP	WRKE	Full WORK EAC

Service:

Mandatory field

Event Type:

Currency:

Date:

Event Time: From:

HH MM To: HH MM

Open Events:

Search

Reset

Show Graph

Add Event

# INTERFAZ GRÁFICA DE BDM

## Pantalla Calendar



escb-CB4E | 2021-08-27 10:50:29 | ? Help | Logout  
Session ID: eyJhbGciOiJIUzI1NiJ9 Stage: EAC version: 0.2.2

Business Day Management > Calendars > Calendar > Details



### CALENDAR

Service:

Mandatory field

Year:

Month:

Search

Reset



# 4. EJEMPLOS PRÁCTICOS





- **Caso 1.** Consulta del Evento RCOS (EoD close of service) de RTGS

The screenshot shows the Target Services Business Day Management interface. At the top, there is a navigation bar with the Target Services logo, user information (escb-CB4E), and session details (2021-08-25 14:24:43, Session ID: eyJhbGciOiJIUzI1NiJ9, Stage: EAC, version: 0.2.2). Below the navigation bar, there are tabs for Business Day Management, Settlement Day, and Settlement Day, along with a search icon. The main content area is titled "SETTLEMENT DAY LIST" and contains a "Service Business Day" table. The table has columns for Service, Business Date, Open Currenc..., Current Busin..., Operating Da..., and Operating Da... The table lists three services for the date 2021-08-25: T2S (DKK, SEK, EUR), T2 CLM COMPONENT (EUR), and T2 RTGS COMPONENT (EUR). Below the table, there are search filters for Service (T2 RTGS COMPONENT), Event Type (RCOS - EoD close of servic), Currency (All), Date (2021-08-25), and Event Time (From: HH:MM To: HH:MM). There are also buttons for Search, Reset, Show Graph, and Add Event.

Service	Business Date	Open Currenc...	Current Busin...	Operating Da...	Operating Da...
T2S	2021-08-25	DKK,SEK,EUR	RTMS	WORK	Working Day
T2 CLM COMPONENT	2021-08-25	EUR	SODP	WRKE	Full WORK EAC
T2 RTGS COMPONENT	2021-08-25	EUR	SODP	WRKE	Full WORK EAC

# EJEMPLOS PRÁCTICOS

## Settlement Day

- **Caso 1.** Resultado de consulta del evento RCOS (EoD close of service) de RTGS

The screenshot shows the Target system interface. At the top, there is a navigation bar with the Target logo and user information: 'mscb-CB4E | 2021-08-25 14:29:47 | ? Help | Logout'. Below this, a breadcrumb trail indicates the current location: 'Business Day Management > Settlement Day > Settlement Day'. A search bar is also visible. The main content area displays 'Search Results' for a table with the following data:

Service	Event Type	Currency	Planning Rule	Chain	Default Schedule Time	Updated Time	Event Start Time	Event End Time	
T2 RTGS COMPONE NT	RCOS - RCOS - EoD close of service	XXX			2021-08-25 17:47	2021-08-25 17:47			

At the bottom of the interface, there is a footer that reads 'All rights reserved.'

- **Caso 2.** Consulta del Evento CSOD (Change of Business Day) de CLM

The screenshot shows the Target Business Day Management interface. The top navigation bar includes the Target logo, user information (escb-CB4E), and session details (2021-08-06 13:16:53). The main content area is titled "Service Business Day" and displays a table of events. The table has columns for Service, Business D, Open Curve, Current Bu, Operating, and another Operating column. The selected event is "T2 CLM COMPONENT" on "2021-08-06" with a currency of "EUR" and a "Release Day schedule". Below the table, there are search filters for Service (T2 CLM COMPONENT), Event Type (CSOD - change of busi), Currency (All), Date (2021-08-06), and Event Time. At the bottom, there are buttons for Search, Reset, Show Graph, and Add Event.

Service	Business D	Open Curve	Current Bu	Operating	Operating
T2S	2021-08-06	DKK, EUR, SEK	RTMS	WKFR	Friday BD with MV to
T2 CLM COMPONENT	2021-08-06	EUR	SODP	WKFR	Release Day schedul
T2 RTGS COMPONENT	2021-08-06	EUR	SODP	WKFR	Release Day schedul

- **Caso 2.** Resultado de consulta del Evento CSOD (Change of Business Day) de CLM

The screenshot displays the Target Services web application interface. At the top, the 'target services' logo is on the left, and user information 'escb-CB4E' and session details '2021-08-06 13:16:53 | ? Help | ? Logout' are on the right. Below the header, a navigation bar contains 'Business Day Management', 'Settlement Day', and 'Settlement Day' with a search icon. The main content area shows 'Search Results' with a table of event data.

Service	Event Type	Currency	Planning Rule	Chain	Default Schedule Time	Updated Time	Event Start Time	Event End Time	
T2 CLM COMPONENT	CSOD - CSOD - change of business day	XXX			2021-08-05 18:30	2021-08-05 18:30	2021-08-05 19:52	2021-08-05 19:53	

All rights reserved.

- **Caso 3.** Consulta del calendario de RTGS para un mes concreto

target SERVICES

escb-CB4E | 2021-08-05 09:53:21 | ? Help | Logout  
Session ID: eyJhbGciOiJIUzI1NiJ9 Stage: EAC version: 0.2.2

Business Day Management > Calendars > Calendar > Details

### CALENDAR

Service: T2 RTGS COMPONENT x

Year: 2021 v Month: September v

Search Reset

- **Caso 3.** Resultado de consulta del calendario de RTGS para un mes concreto

The screenshot shows the Target Services interface for Business Day Management. The search criteria are:

- Service: T2 RTGS COMPONENT
- Year: 2021
- Month: September

The calendar for September 2021 is displayed, with non-business days highlighted in red:

M	T	W	T	F	S
		1	2	3	4 5
6	7	8	9	10	11 12
13	14	15	16	17	18 19
20	21	22	23	24	25 26
27	28	29	30		

# 5. DOCUMENTACIÓN

- **BDM UHB** → T2-T2S User Handbook v2.0 Business Day Management
- **BDM UDFS** → Especificaciones funcionales detalladas Business Day Management v2.2
- **III Sesión informativa sobre proyecto consolidación T2-T2S** (apartado 4)

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

