



ECMS EUROSISTEM COLLATERAL
MANAGEMENT SYSTEM

PREPARAÇÃO PARA A FASE DE
TESTES DE CONECTIVIDADE

15 E 16 DEZEMBRO 2022 | LISBOA



BANCO DE
PORTUGAL
EUROSISTEMA



AGENDA

- | | | | |
|----|--|----|---|
| 01 | ENQUADRAMENTO
Relembrando o que é o ECMS | 05 | TESTE DE CONECTIVIDADE
Cronologia da fase de testes |
| 02 | CONECTIVIDADE E ACESSO
Modos de comunicação, ESMIG e acesso ao ECMS | 06 | CONTACTOS
Como chegar até nós |
| 03 | ECMS NA PRÁTICA
Primeiro acesso e aspetos gerais do interface | 07 | LIGAÇÕES E DOCUMENTAÇÃO
Onde ir e o que ler |
| 04 | CONFIGURAÇÃO DE ACESSOS
Criação de utilizadores, configuração de grupos e princípio de 2 e 4 olhos | 08 | ANEXOS |



ENQUADRAMENTO



Adesão obrigatória para continuar a aceder às operações de política monetária.

COLMS

Before the ECMS:

19 collateral management systems

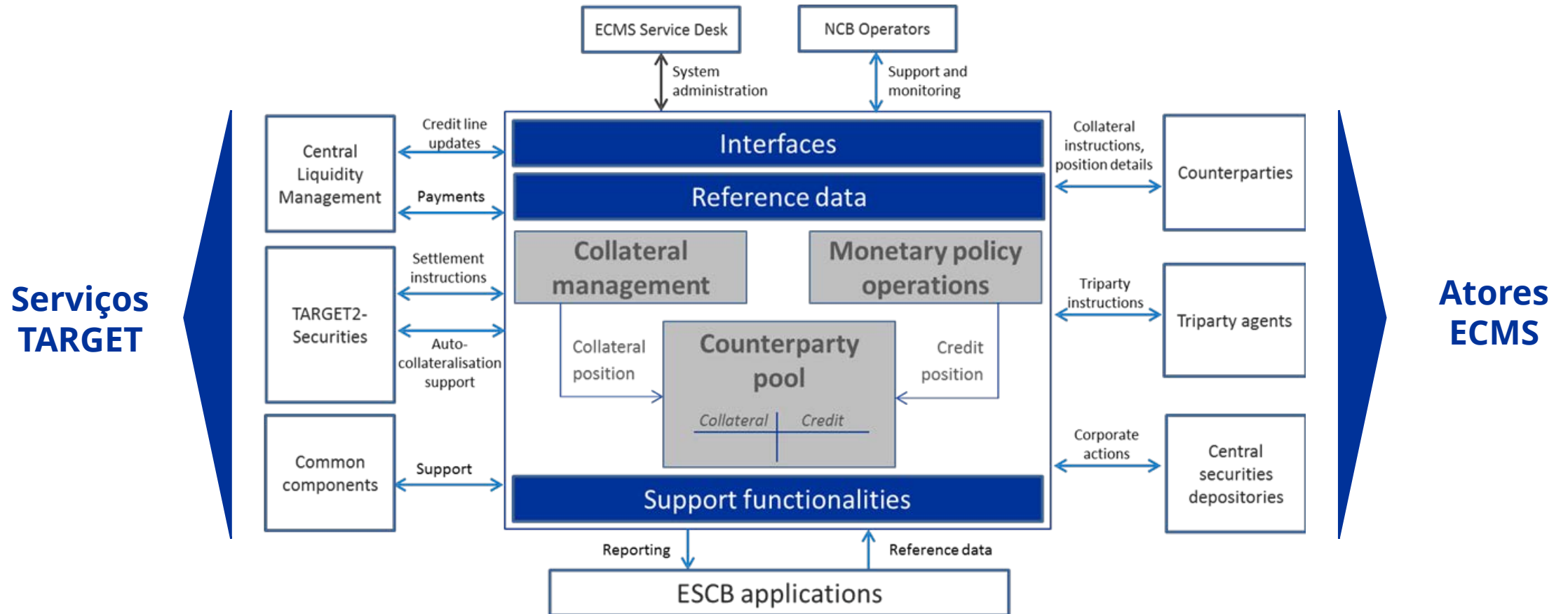
From April 2024 onwards:

1 unified system

target | ECMS
services

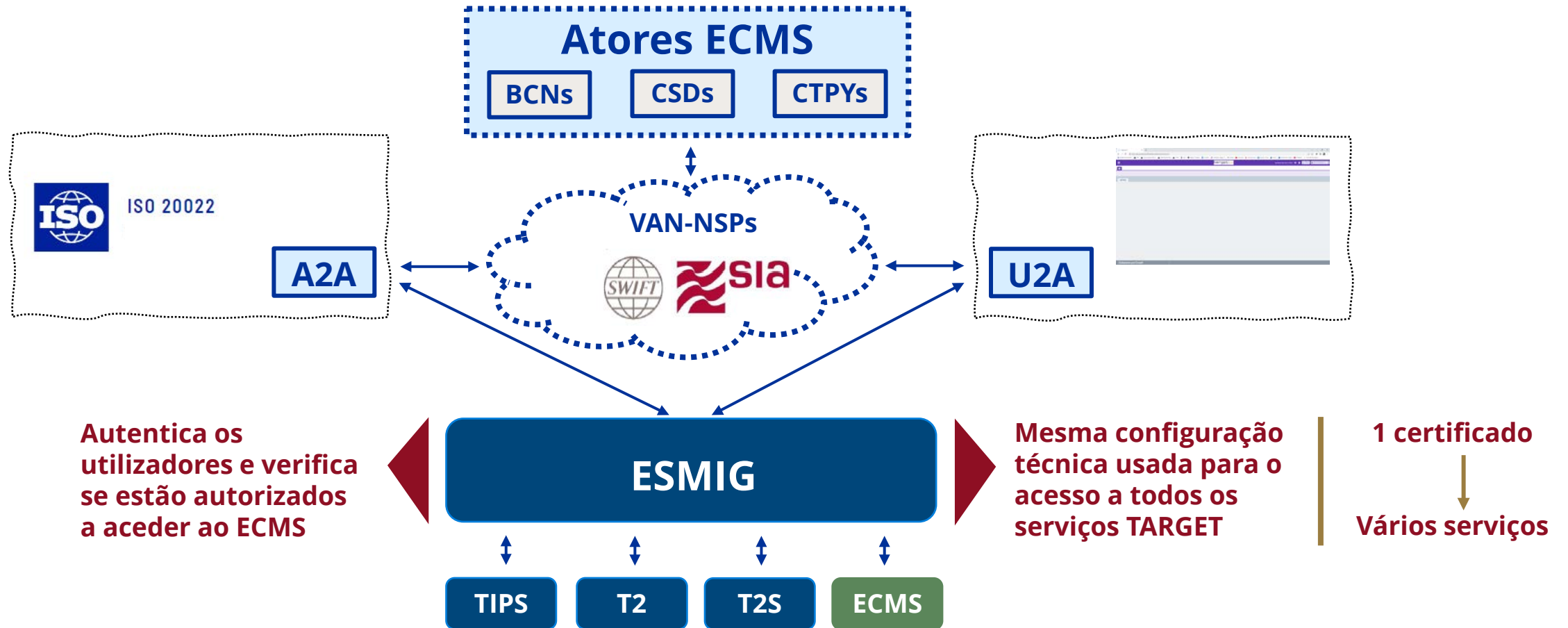


ENQUADRAMENTO





CONECTIVIDADE E ACESSO





CONECTIVIDADE E ACESSO

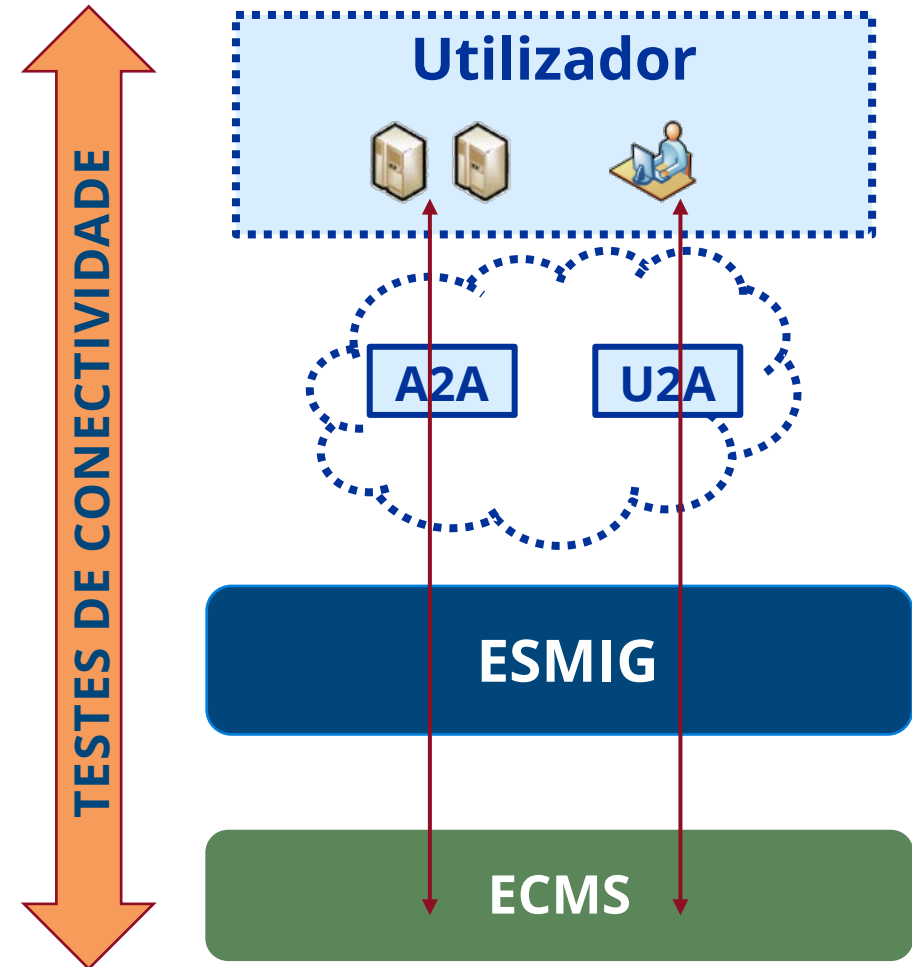
Critérios de sucesso:

U2A – O utilizador administrador acede ao ESMIG, seleciona o ECMS e acede ao ecrã inicial da aplicação.

A2A – O utilizador envia uma mensagem de negócio e recebe do ECMS uma mensagem do tipo `admi.007` (*ReceiptAcknowledgment*).



E para chegar até aqui?





CONECTIVIDADE E ACESSO

O CAMINHO ATÉ AQUI

Descrição	Serviço
1 Select the NSP of choice and select the related Services.	✓ ALL
2 Ask the NSP's for an offer and order the related products.	✓ ALL
3 Connectivity setup with the NSP.	✓ ALL
4 Subscribe to the NSP's Services for TARGET Services (e.g. inclusion into the CGU).	🕒 ALL
5 Request for the NSP PKI certificates.	✓ ALL
6 Create the Party in Reference Data in ECMS	🔲 ECMS
7 Create Party administrators in ECMS	🔲 ECMS
8 Create the users and the Distinguish Name in CRDM or ECMS	🔲 ECMS
9 Connectivity test with TARGET Services	🔲 ALL
A2A	
• in case of schema validation error, the user will receive an admi.007 message	
• business validation errors will trigger the relevant business response message (eg. Pacs.002, camt.025 and reda.xxx according to the service/component the message has been sent to)	
U2A	
• the user will be able to reach the ESMIG landing page	

Subscrição para ECMS Pré-Produção já disponível no site da SWIFT.

Mesmo certificado para ECMS



Completo



Em progresso



Pendente



CONECTIVIDADE E ACESSO

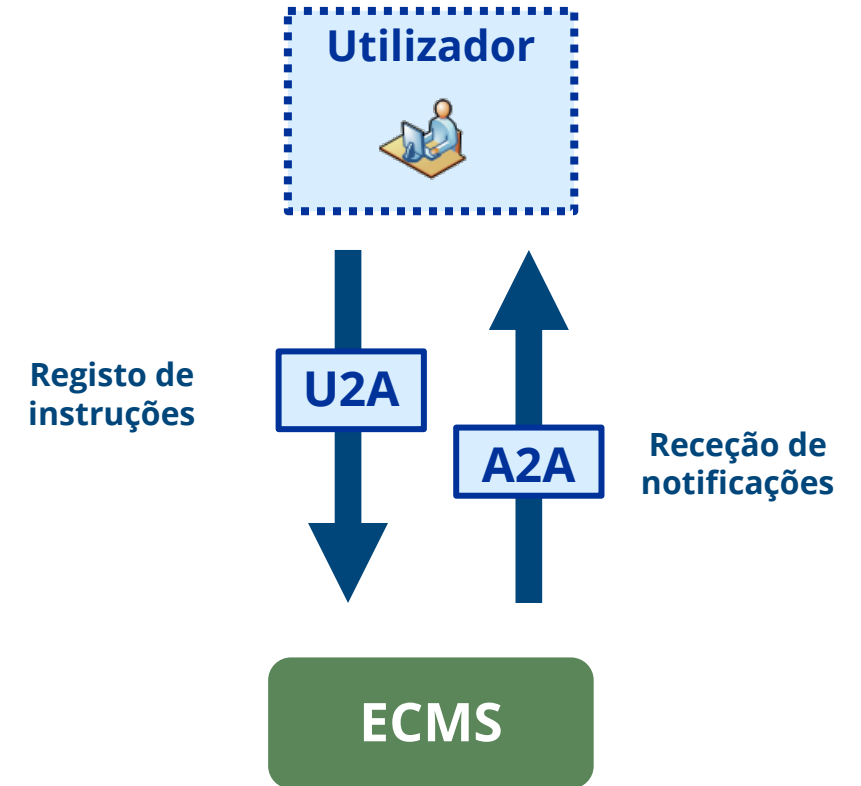
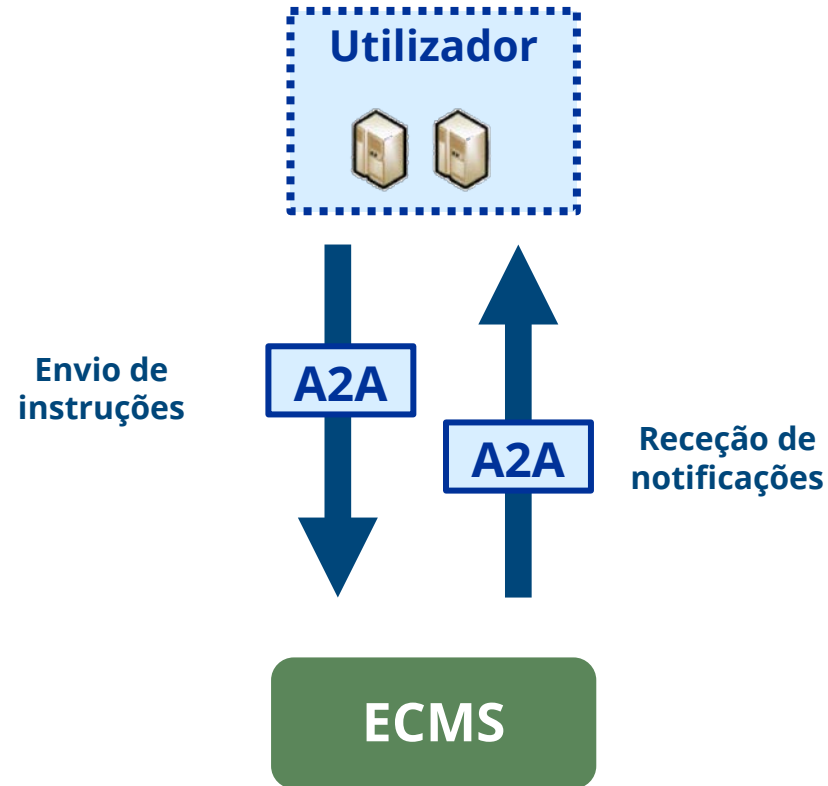
DETALHANDO O CAMINHO

Teste de conectividade no ECMS	Ator
1. Creation of NCB/CSD/TPA party	ECMS Operator
2a. Creation of NCB user(s) with the role 'NCB Admin'	ECMS Operator
2b. Creation of CSD/TPA A2A user without any role attached (assigning a role is not needed for starting connectivity testing)	
As from 2b. CSD/TPA A2A connectivity testing can be done	CSD/TPA A2A user
3. Connection to the ECMS GUI landing page (and the user can access menu corresponding to his role)	NCB Admin
4a. Creation of NCB A2A user without any role attached (not needed for connectivity testing)	NCB Admin
4b. Creation of NCB User(s) with the role 'NCB – U2A General Reference Data Execution' (as from that moment the NCB user can access the menu corresponding to his role)	
As from 4a. NCB A2A connectivity testing can be done	NCB A2A user
5. Creation of the CPTY party	NCB User in U2A (cf. step 4b)
6. Creation of the CPTY user(s) with the role 'CPTY Admin'	NCB Admin
7. Connection to the ECMS GUI landing page (and the user can access menu corresponding to his role)	CPTY Admin
8. Creation of CPTY A2A user without any role attached (not needed for connectivity testing)	CPTY Admin
As from 8. CPTY A2A connectivity testing can be done	CPTY A2A user



CONECTIVIDADE E ACESSO

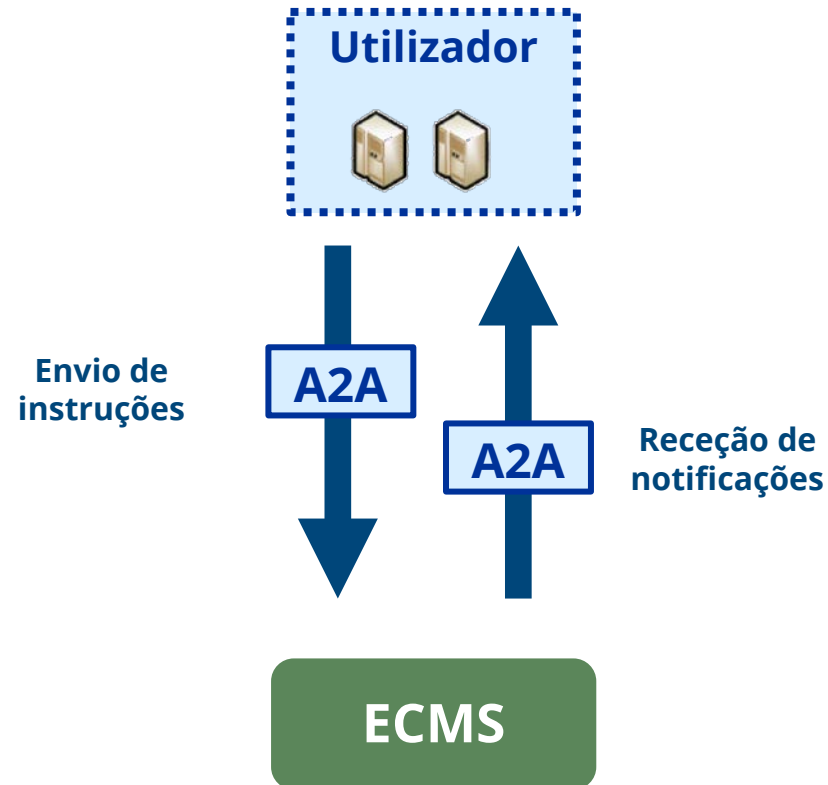
O ACESSO A2A





CONECTIVIDADE E ACESSO

O ACESSO A2A



Requisitos no ECMS:

1. Criar o utilizador aplicacional e atribuir-lhe os *roles* necessários;
2. Subscriver as mensagens desejadas.

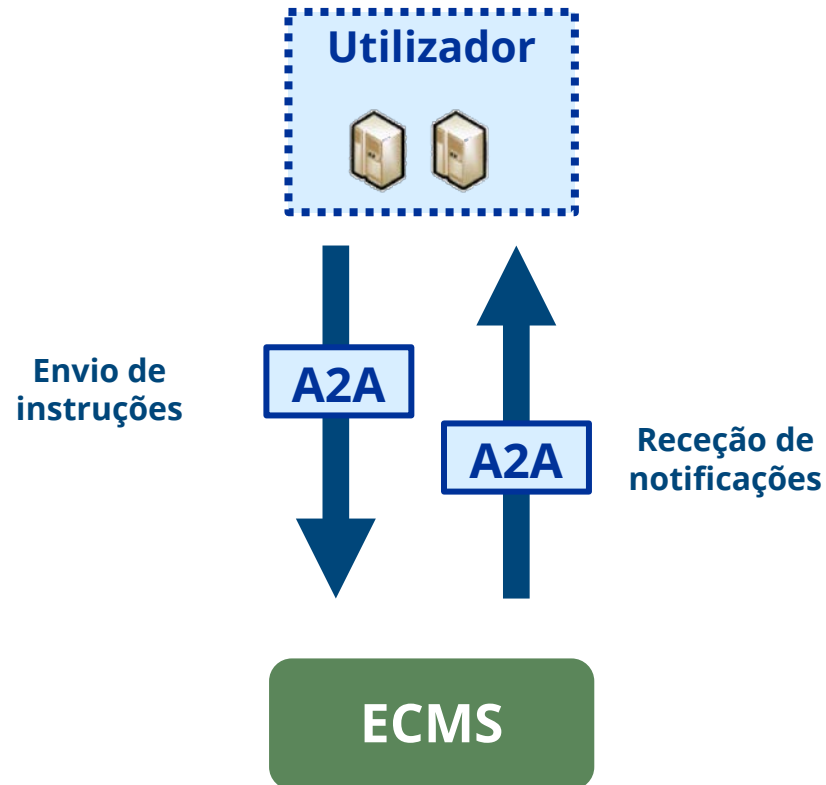
O teste na prática:

1. Utilizador aplicacional envia uma mensagem de negócio ao ECMS;
2. ECMS responde com uma mensagem *admi.007*, a qual é recebida pela instituição.



CONECTIVIDADE E ACESSO

O ACESSO A2A



Requisitos no ECMS:

1. Criar o utilizador aplicacional e atribuir-lhe os *roles* necessários;
2. Subscriver as mensagens desejadas.

O teste na prática:

1. Utilizador aplicacional envia uma mensagem de negócio ao ECMS;
2. ECMS responde com uma mensagem adm.007, a qual é recebida pela instituição.





CONECTIVIDADE E ACESSO

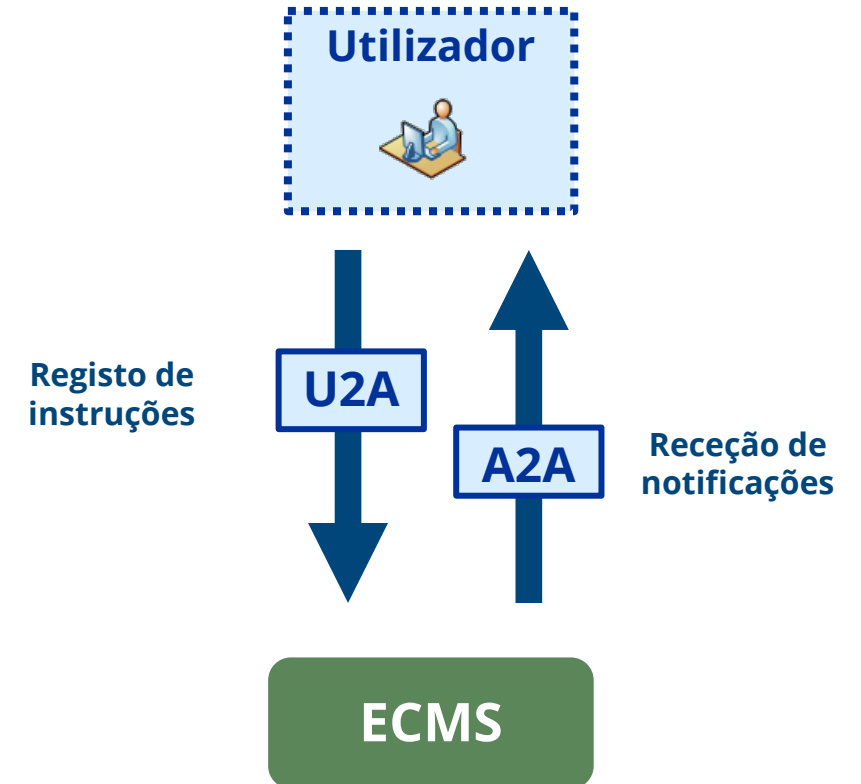
O ACESSO A2A

Requisitos no ECMS:

1. Subscrever as mensagens desejadas.

O teste na prática:

1. Utilizador envia uma admi.005 (*ReportQueryRequest*) ao ECMS;
2. ECMS responde com uma mensagem admi.007, a qual é recebida pela instituição.





CONECTIVIDADE E ACESSO

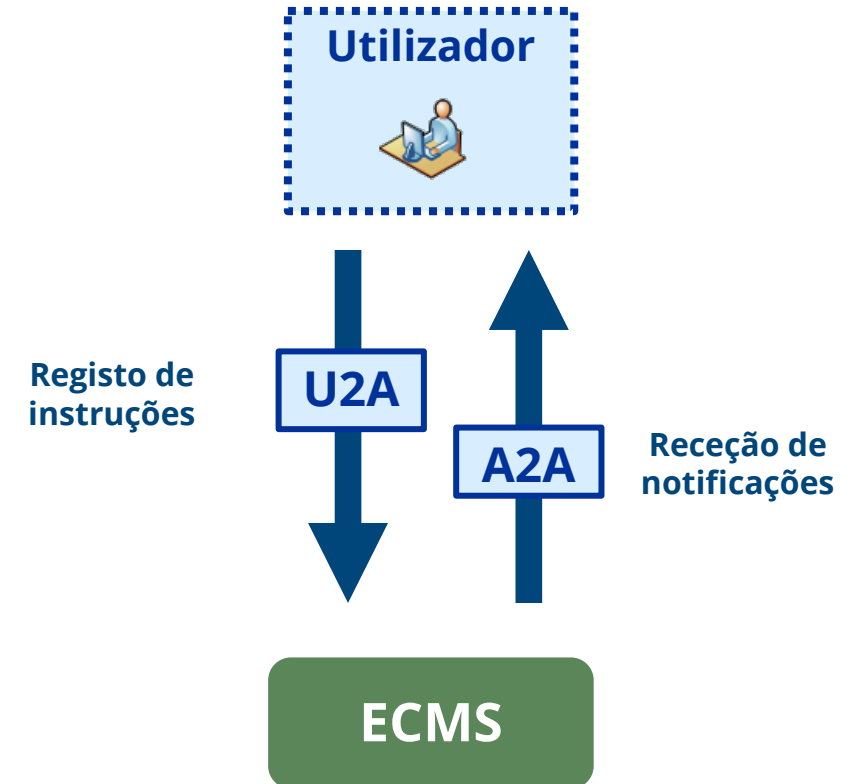
O ACESSO A2A

Requisitos no ECMS:

1. Subscrever as mensagens desejadas.

O teste na prática:

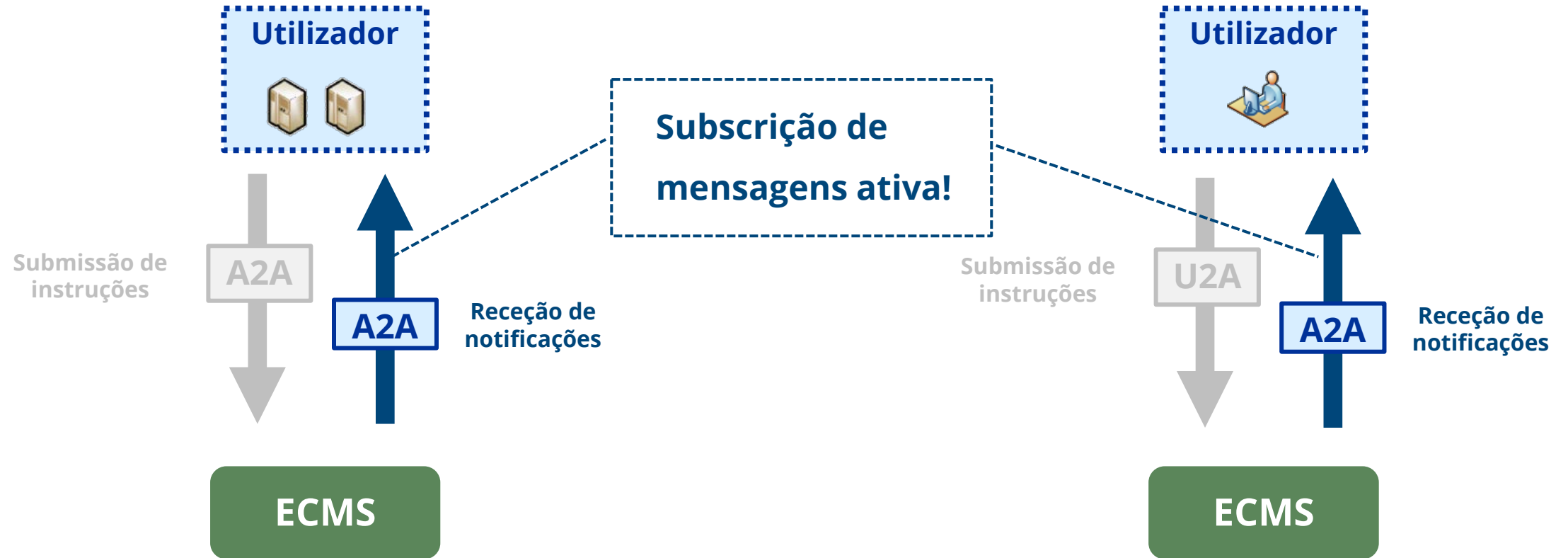
1. Utilizador envia uma *admi.005 (ReportQueryRequest)* ao ECMS;
2. ECMS responde com uma mensagem *admi.007*, a qual é recebida pela instituição.





CONECTIVIDADE E ACESSO

O ACESSO A2A





CONECTIVIDADE E ACESSO

O ACESSO U2A

target
SERVICES

Welcome ETU210 | 2022-12-05 13:52
Stage: EAC | Version 1.0.4 | Go Sign Client: [SU](#) [MU](#)

Services List

Choose an Application and your System User Reference

Choose a Service

☐ T2 ☐ T2S ☐ TIPS ☒ ECMS

Choose Component or Application

☒ ECMS

Choose a System User

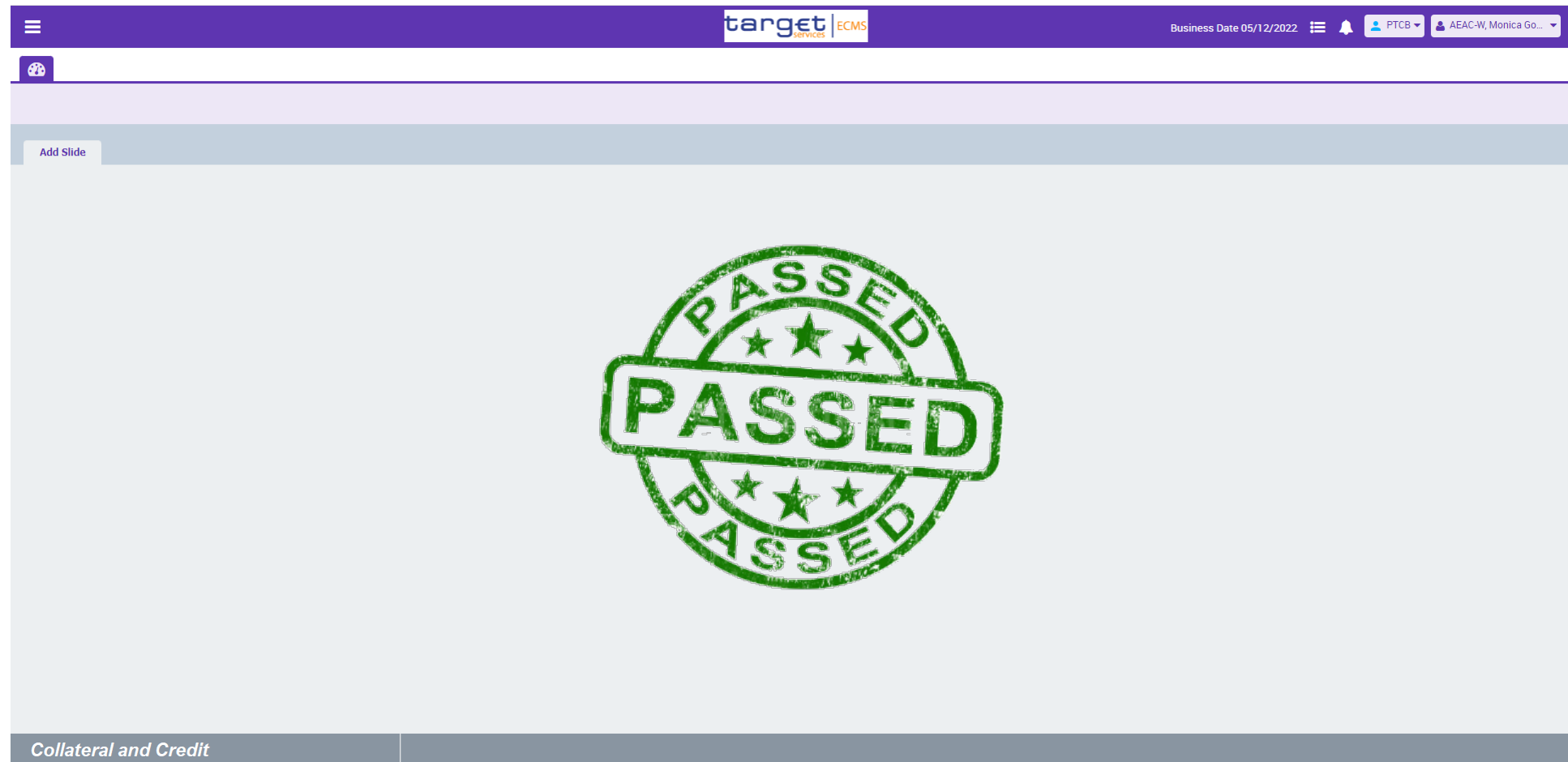
☒ ECMS ACCESS

Submit



CONECTIVIDADE E ACESSO

O ACESSO U2A





ECMS NA PRÁTICA

PRIMEIRO ACESSO

The screenshot shows the ECMS system interface. The top navigation bar is purple and contains the 'target services ECMS' logo, the business date '05/12/2022', and user information 'PTCB' and 'AEAC-W, Monica Go...'. Below the navigation bar is a light blue header area with a 'MENU' label. The main content area is light gray and contains a 'HOME' label. A 'DIA DE NEGÓCIO' label points to the business date. An 'UTILIZADOR' label points to the user information. An 'ALERTAS' label points to a notification icon. An 'INSTITUIÇÃO' label points to the institution name. A 'MÓDULO' label points to a 'Collateral and Credit' module, which is highlighted with a red box. A 'Add Slide' button is visible in the top left corner of the main content area.



ECMS NA PRÁTICA

VERIFICAR OS ACESSOS CONCEDIDOS

The screenshot displays the Target ECMS interface. At the top, a purple header bar contains the 'target services ECMS' logo on the left, the 'Business Date 12/12/2022' on the right, and user information 'PTCB' and 'AEAC-W, PT-CCAM-...' on the far right. Below the header, a red box highlights a hamburger menu icon in the top left corner. A red line connects this icon to a dropdown menu that is also highlighted with a red box. The dropdown menu contains a search bar at the top and a list of items: 'ECMS Core' (highlighted in blue), 'Reference Data', 'Instructions And Positions', 'Corporate Actions', 'Broker', and 'Monitoring'. Each item is preceded by a gear icon. At the bottom of the interface, a dark grey bar displays the text 'Collateral and Credit'.



ECMS NA PRÁTICA

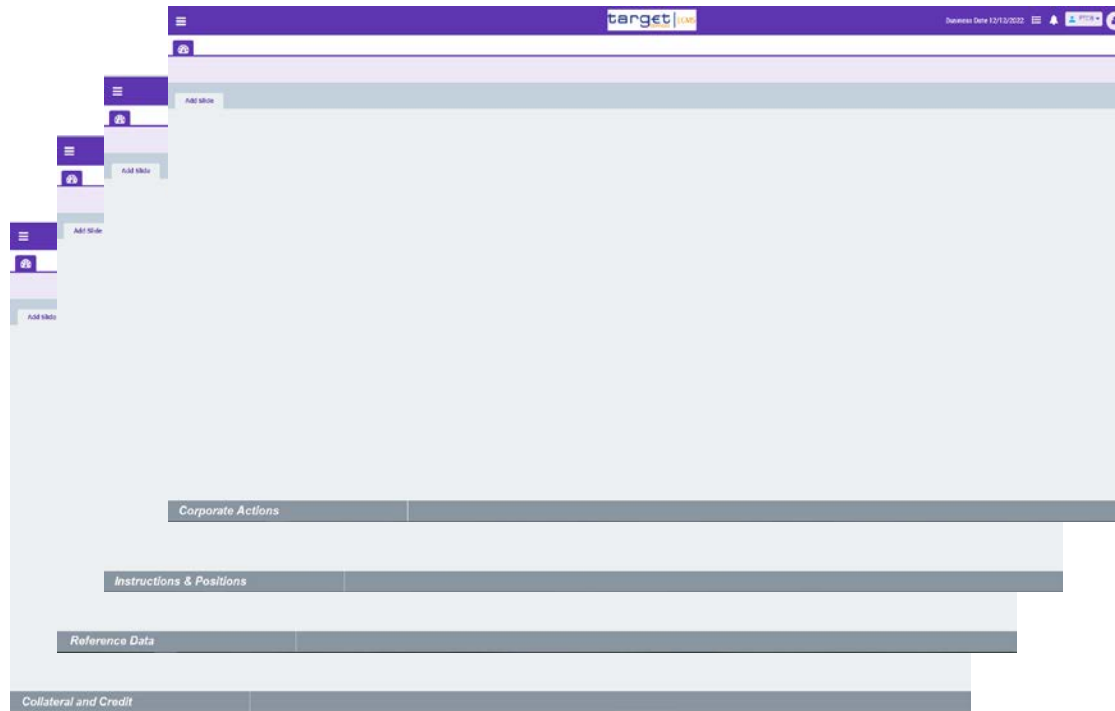
VERIFICAR OS ACESSOS CONCEDIDOS

The screenshot displays the target ECMS interface. The top navigation bar is purple and contains the 'target services ECMS' logo, the business date '12/12/2022', and user information 'PTCB' and 'AEAC-W, PT-CCAM...'. The main content area is light blue. On the left, there is a sidebar with a search bar and a list of menu items: 'Reference Data', 'Access Right Reference data', 'Validation / Rejection', 'System Tools', and 'ECMS Core'. A red box highlights the 'Validation / Rejection' item, and a red arrow points to its submenu. The submenu is also highlighted with a red box and contains three items: 'Validate / Reject Access right', 'Validate / Reject Security Groups', and 'Validate / Reject Security Users'. At the bottom of the screen, there is a footer bar with the text 'Reference Data' highlighted in a red box.



ECMS NA PRÁTICA

NAVEGAÇÃO ENTRE MÓDULOS

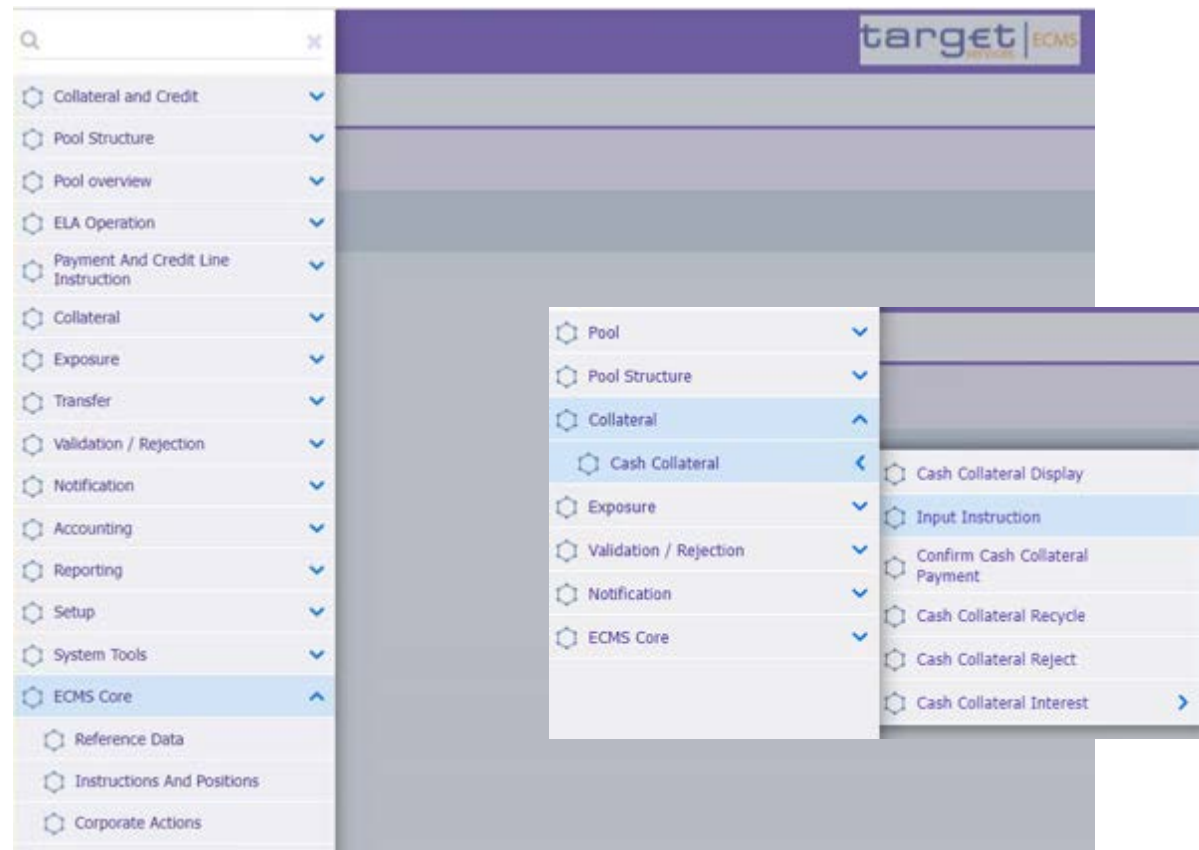


- Cada módulo tem sessões independentes
- Tempo de inatividade de 15 minutos
- *Timeout* no ECMS não provoca *timeout* no ESMIG

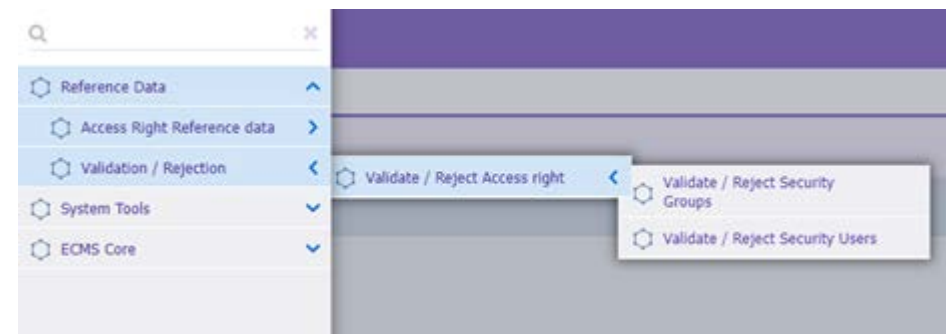


ECMS NA PRÁTICA

ASPETOS GERAIS DO INTERFACE



- Menu apresentado do lado esquerdo do ecrã e mostra o primeiro nível de opções
- Cada opção contém menus associados, os quais se podem desdobrar em um ou dois níveis
- A última opção disponível será o ecrã





ECMS NA PRÁTICA

FUNCIONAMENTO GERAL DE ECRÃS

OPÇÃO DE MENU

GUARDAR PESQUISA

MINIMIZAR

target ECMS Business Date 21/06/2021

Users Create/Display

ATÉ 10 SEPARADORES ABERTOS

Create / Display : User

ECMS System == Name == Is Active ==

User Reference

Update Date ==

Reset

CREATE NOVO REGISTO

Create Search

Latest Searches

Date	Criteria
------	----------

Stored Searches

You have no stored search.
To start customizing, launch a search and use the "Favorite" button to start your first search.

LIMPAR CAMPOS DE PESQUISA

CRIAR NOVO REGISTO

REALIZAR PESQUISA

ZONA DE PESQUISA

ECRÃ



ECMS NA PRÁTICA

FUNCIONAMENTO GERAL DE ECRÃS

The screenshot shows the 'Users Create/Display' interface in the ECMS system. The top navigation bar includes the 'target services ECMS' logo, the business date '12/12/2022', and user information for 'PTCB' and 'AEAC-W, PT-CCCAM-...'. The main section is titled 'Create / Display : User' and contains search filters for 'ECMS System User Reference', 'Name', and 'Is Active'. A 'Reset' button is located below these filters. On the right, there are 'Create' and 'Search' buttons. A vertical toolbar on the right side of the search filters is highlighted with a red box. Below the filters, the 'Search Result : User' section shows a table with one result. The table has columns for 'ECMS System User Reference', 'Name', and 'Is Active'. The first row contains the values 'PT-CCCAM-CPTYADMIN', 'PT-CCCAM-CPTYADMIN', and 'Yes'. To the left of the table, a dropdown menu is set to '10', indicating the number of records to display. To the right of the table, there are icons for search, refresh, export, and other actions. Red annotations with arrows point to various elements: 'NÚMERO MÁXIMO DE REGISTOS MOSTRADOS' points to the '10' dropdown; 'NR REGISTOS DA PESQUISA' points to the search results area; 'EXPORTAR (PDF, CSV, XML)' points to the export icon; 'EXPORTAR PARA EXCEL' points to the Excel export icon; and 'ZONA DE RESULTADOS' points to the table area.

NÚMERO MÁXIMO DE REGISTOS MOSTRADOS

NR REGISTOS DA PESQUISA

EXPORTAR (PDF, CSV, XML)

EXPORTAR PARA EXCEL

ZONA DE RESULTADOS



ECMS NA PRÁTICA

FUNCIONAMENTO GERAL DE ECRÃS

ADMINISTRADOR PT9000

ADMINISTRADOR BDP

HISTÓRICO DE ALTERAÇÕES

EDIÇÃO

DETALHE

INATIVAR REGISTO

ECMS System User Reference	Name	Is Active
PTCCCAM-CPTYADMIN	PTCCCAM-CPTYADMIN	Yes
PTCB-DMR CATHERINE LEMOS	Catherine Lemos	Yes
PTCB-DMR CARLA MARQUES	Carla Marques	Yes
PTCB-DMR SARA CALADO	Sara Calado	Yes
PTBGALPTTGXXXAPLSLIM	PTBGALPTTGXXXAPLSLIM	Yes
PTCB-MG-ADMIN	Monica Gomes	Yes



CONFIGURAÇÃO DE ACESSOS

CONCEITOS

- Um utilizador herda um perfil que lhe seja atribuído ou sempre que seja incluído num grupo de perfis [modelo RBAC (*role-based access control*)];
- Os **Perfis** estão pré-definidos e são formados por um conjunto de privilégios;
- Um **Privilégio** identifica a capacidade do utilizador realizar uma determinada função;
- Os administradores podem criar **grupos de perfis** para atribuir a utilizadores com as mesma função de negócio;
- Um utilizador não pode estar associado a perfis U2A e A2A em simultâneo;
- Os perfis são cumulativos e nunca contraditórios (ECMS aplica sempre o privilégio menos restritivo);
- Um certificado pode estar associado a vários utilizadores.



CONFIGURAÇÃO DE ACESSOS

TIPOS DE PERFIS

LEITURA

- 01 Utilizador acede à informação mas não consegue criar/editar registos
- 02 Na seleção de registos apenas aparece o botão *View*

EXECUÇÃO

- 01 Utilizador acede à informação e consegue criar/editar registos
- 02 Na seleção de registos aparecem os botões *View, Create, Edit* e *Delete*
- 03 Complementado com perfis para definição do princípio de 2 ou 4 olhos



CONFIGURAÇÃO DE ACESSOS

PRINCÍPIO DE 2 E 4 OLHOS

- Definido ao nível do utilizador;
- Mesma instituição pode ter utilizadores com perfil 2 olhos e 4 olhos;
- Uma instituição que pretenda fazer a administração de acessos em 4 olhos deve ter, pelo menos, dois administradores.
- Se forem ambos atribuídos ao mesmo utilizador, o ECMS aplica o menos restritivo (2 olhos);
- Aplicável apenas em U2A (A2A sempre 2 olhos);



CONFIGURAÇÃO DE ACESSOS

PERFIS DISPONÍVEIS

! A gestão de utilizadores passa a estar do lado da instituição

- **Party Administrator**
- Reference Data
- Marketable Asset (de)mobilisation
- Credit Claim Management
- Cash Collateral
- Other Collateral

- Externally managed collateral
- Open Market Operations
- Standing Facilities
- Credit Freezing
- Credit Line Management
- ELA Management

- CA and Tax Management
- Pool Position Management
- Statements
- Banking Group Management



CONFIGURAÇÃO DE ACESSOS

CRIAR UM UTILIZADOR

Módulo Reference Data > Access Rights Reference Data > Users Create/Display

Users Create/Display

Create / Display : User

ECMS System User
Reference

Name

Is Active

Update Date

Reset

Create

Search

Latest Searches

Date	Criteria
------	----------

Stored Searches

You have no stored search.
To start customizing, launch a search and use the "Favorite" button to start your first search.



CONFIGURAÇÃO DE ACESSOS

CRIAR UM UTILIZADOR

Módulo Reference Data > Access Rights Reference Data > Users Create/Display

The screenshot shows the 'Users Create/Display' form. The top section, 'Create / Display : User', includes fields for 'ECMS System User Reference', 'Name', 'Is Active', and 'Update Date'. Below these are 'Reset', 'Create', and 'Search' buttons. The bottom section, 'Edit: User', includes fields for 'ECMS System User Reference', 'Name', 'Is Active', 'User Properties', 'Groups', 'Security Role', and 'User Multi Tenancy'. Below these are 'Reset', 'Save', and 'Cancel' buttons. A red line points from the 'User Properties' field in the 'Edit: User' section to the text 'VERMELHO = PREENCHIMENTO OBRIGATÓRIO' below the form.

VERMELHO = PREENCHIMENTO OBRIGATÓRIO



USAR APENAS 26 LETRAS DO ALFABETO LATINO (ANEXO III)



CONFIGURAÇÃO DE ACESSOS

CRIAR UM UTILIZADOR

Módulo Reference Data > Access Rights Reference Data > Users Create/Display

Users Create/Display

Create / Display : User

ECMS System User Reference

Name

Is Active

Update Date

Reset

Create

Search

Edit: User

ECMS System User Reference

Name

Is Active

User Properties

Groups

Security Role

User Multi Tenancy

Reset

Save

Cancel



CONFIGURAÇÃO DE ACESSOS

CRIAR UM UTILIZADOR

Módulo Reference Data > Access Rights Reference Data > Users Create/Display

Users Create/Display

Create / Display : User

ECMS System User Reference

Name

Is Active

Update Date

Reset

Create

Search

Edit: User

ECMS System User Reference

Name

Is Active

User Properties

Groups

Security Role

User Multi Tenancy

Reset

Save

Cancel

List: User Properties

10

Property

Group Property Value

Update Date

Updater User Id

No results were found for the search criteria specified

Create



CONFIGURAÇÃO DE ACESSOS

CRIAR UM UTILIZADOR

Módulo Reference Data > Access Rights Reference Data > Users Create/Display

List: User Properties

10

Property Group Property Value Update Date Updater User Id

No results were found for the search criteria specified

Create

Edit: User Properties

Property Group Property Value

FootPrint

Reset Cancel

Property

SegregationConfig

DN



CONFIGURAÇÃO DE ACESSOS

CRIAR UM UTILIZADOR

Módulo Reference Data > Access Rights Reference Data > Users Create/Display

List: User Properties

10

Property Group Property Value Update Date Updater User Id

No results were found for the search criteria specified

Create

Edit: User Properties

Property Group Property Value

SegregationConfig Default_11|PT1

FootPrint

Reset

Cancel

BOTÃO RETROCEDER



CONFIGURAÇÃO DE ACESSOS

CRIAR UM UTILIZADOR

Módulo Reference Data > Access Rights Reference Data > Users Create/Display

Edit: User

ECMS System User Reference: PTCB-DMR FRANCISCO GASPAR

Name: Francisco Gaspar

Is Active: ☒

User Properties: [User Properties \[0\]](#)

Groups: [Groups \[0\]](#)

Security Role: [Security Role \[0\]](#)

User Multi Tenancy: [User Multi Tenancy \[1\]](#)

[Reset](#) [Save](#) [Cancel](#)

List: User Properties

10

Property	Group Property Value	Update Date	Updater User Id
SegregationConfig	Default_11 PT1		

[Create](#)

REPETIR PARA INSERIR A
SEGUNDA PROPRIEDADE



CONFIGURAÇÃO DE ACESSOS

CRIAR UM UTILIZADOR

Módulo Reference Data > Access Rights Reference Data > Users Create/Display

List: User Properties

Property	Group Property Value	Update Date	Updater User Id
SegregationConfig	Default_11 PT1		

Create

Edit: User Properties

Property: DN

Group Property Value

FootPrint

Reset

Cancel

Edit: User Properties

Property: DN

Group Property Value

FootPrint

Reset

Cancel

INSERIR MANUALMENTE



ATENÇÃO AO FORMATO
(ANEXO IV)

BOTÃO RETROCEDER



CONFIGURAÇÃO DE ACESSOS

CRIAR UM UTILIZADOR

Módulo Reference Data > Access Rights Reference Data > Users Create/Display

Edit: User

ECMS System User Reference

PTCB-DMR FRANCISCO GASPAR

Name

Francisco Gaspar

Is Active

✓

User Properties

User Properties [0]

Groups

Groups [0]

Security Role

Security Role [0]

User Multi Tenancy

User Multi Tenancy [1]

Reset

Save Cancel

List: User Properties

10

Search

Refresh

Print

Property	Group Property Value	Update Date	Updater User Id
SegregationConfig	Default_T1 PT1		
DN	CN=bpu063312, OU=tZsgui, O=bgalpttg, O=swift		

Create



CONFIGURAÇÃO DE ACESSOS

CRIAR UM UTILIZADOR

Módulo Reference Data > Access Rights Reference Data > Users Create/Display

Edit: User

ECMS System User Reference

PTCB-DMR FRANCISCO GASPAR

Name

Francisco Gaspar

Is Active

✓

User Properties

User Properties [2]

Groups

Groups [0]

Security Role

Security Role [0]

User Multi Tenancy

User Multi Tenancy [1]

Reset

Save

Cancel

List: Security Role

10

Assigned Roles

Update Date

Updater User Id

No results were found for the search criteria specified

Create



CONFIGURAÇÃO DE ACESSOS

CRIAR UM UTILIZADOR

Módulo Reference Data > Access Rights Reference Data > Users Create/Display

Edit: User

ECMS System User Reference
PTCB-DMR FRANCISCO GASPAR

Name
Francisco Gaspar

Is Active
✓

User Properties
User Properties [2]

Groups
Groups [0]

Security Role
Security Role [0]

User Multi Tenancy
User Multi Tenancy [1]

Reset

Save Cancel

List: Security Role

10

Assigned Roles ↕ Update Date ↕ Updater User Id ↕

No results were found for the search criteria specified

Create

Edit: Assigned Role

Assigned Roles

Reset Cancel



CONFIGURAÇÃO DE ACESSOS

CRIAR UM UTILIZADOR

Módulo Reference Data > Access Rights Reference Data > Users Create/Display

Edit: Assigned Role

Assigned Roles

Reset

Cancel

Super Validator

Validator

NCB - A2A OTHER MESSAGE EXECUTION

ECMS ENTITY - U2A ELA MANAGEMENT READ ONLY - #74

ECMS ENTITY - U2A BANKING GROUP MANAGER PROCESSES READ ONLY - #75

ECMS ENTITY - U2A CREDIT CLAIM MANAGEMENT EXECUTION - #76

ECMS ENTITY - U2A CREDIT CLAIM MANAGEMENT READ ONLY - #77

ECMS ENTITY - U2A CORPORATE ACTIONS AND TAX MANAGEMENT EXECUTION - #78

ECMS ENTITY - U2A CORPORATE ACTIONS AND TAX MANAGEMENT READ ONLY - #79

ECMS ENTITY - U2A STATEMENTS EXECUTION - #80

ECMS ENTITY - U2A STATEMENTS READ ONLY - #81

Validator

**BOTÃO
RETROCEDER**



CONFIGURAÇÃO DE ACESSOS

CRIAR UM UTILIZADOR

Módulo Reference Data > Access Rights Reference Data > Users Create/Display

Edit: User

ECMS System User Reference

PTCB-DMR FRANCISCO GASPAR

Name

Francisco Gaspar

Is Active

✓

User Properties

User Properties [2]

Groups

Groups [0]

Security Role

Security Role [0]

User Multi Tenancy

User Multi Tenancy [1]

Reset

Save

Cancel

List: Security Role

10

Assigned Roles	Update Date	Updater User Id
Validator		
NCB - U2A GENERAL REFERENCE DATA EXECUTION - #13		

Create

REPETIR ATÉ ADICIONAREM
TODOS OS PERFIS PRETENDIDOS



CONFIGURAÇÃO DE ACESSOS

CRIAR UM UTILIZADOR

Módulo Reference Data > Access Rights Reference Data > Users Create/Display

Edit: User

ECMS System User Reference: PTCB-DMR FRANCISCO GASPAR

Name: Francisco Gaspar

Is Active: ☒

User Properties: [User Properties \[2\]](#)

Groups: [Groups \[0\]](#)

Security Role: [Security Role \[0\]](#)

User Multi Tenancy: [User Multi Tenancy \[1\]](#)

[Reset](#) [Save](#) [Cancel](#)

List: Security Role

10

Assigned Roles	Update Date	Validator User Id
Validator		
NCB - U2A GENERAL REFERENCE DATA EXECUTION - #13		

[Create](#)

Confirm

Are you sure to save this data?

[Yes](#) [No](#)

Success

Saved Successfully

[OK](#)

Error

Security Property DN is mandatory.

[OK](#) [Details>>](#)

INFORMAÇÃO EM FALTA



CONFIGURAÇÃO DE ACESSOS

CRIAR UM UTILIZADOR

Módulo Reference Data > Access Rights Reference Data > Users Create/Display

Create / Display : User

ECMS System User Reference

Name

Is Active

Update Date

Reset

Create

Search

View : User

ECMS System User Reference

Is Active

Name

Security Role

User Properties

Groups

Validation Details

FootPrint

PTCB-DMR FRANCISCO GASPAR

Yes

Francisco Gaspar

Security Role [2]

User Properties [3]

Groups [0]

Action To Validate

Rejected

Updater User Id

Update Date

Creation User Id

Creation Date

No

PTCB-MG-ADMIN

12/12/2022 20:46:43:798

PTCB-MG-ADMIN

12/12/2022 20:46:43:798

TIMESTAMP E
REFERÊNCIA DOS
UTILIZADORES QUE
CRIAM E EDITAM O
REGISTO



CONFIGURAÇÃO DE ACESSOS

CRIAR UM UTILIZADOR

CRITÉRIOS MÍNIMOS PARA CRIAR UM UTILIZADOR

View : User

ECMS System User Reference PTCB-DMR FRANCISCO GASPAR	Is Active Yes	Name Francisco Gaspar
Security Role Security Role [2]	User Properties User Properties [3]	Groups Groups [0]

1 PERFIL

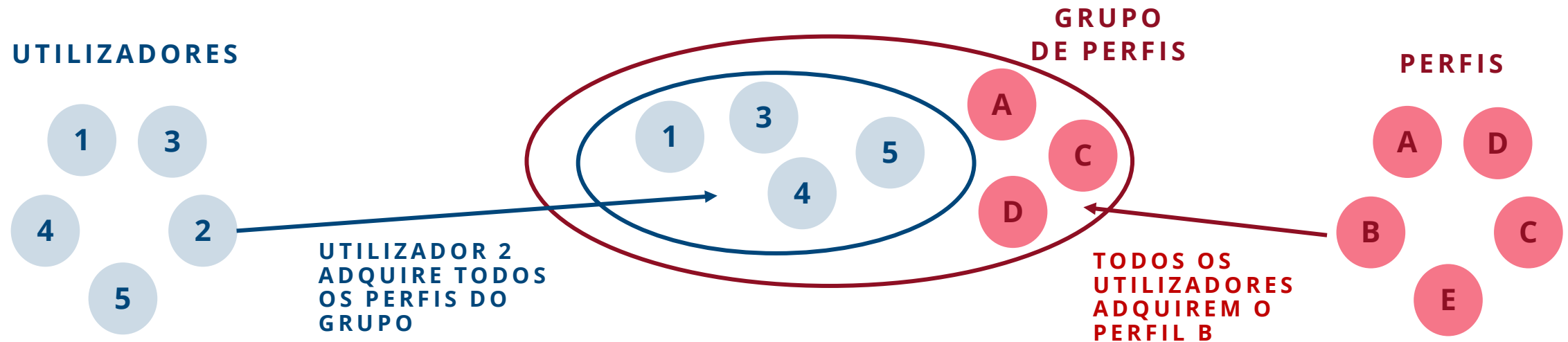
2 PROPRIEDADES
(DN E CÓDIGO
SEGREGAÇÃO)



CONFIGURAÇÃO DE ACESSOS

CONFIGURAR UM GRUPO DE PERFIS

- O ECMS permite criar grupos de perfis permitindo agregar utilizadores com a mesma função de negócio;
- Qualquer alteração na composição do grupo de perfis, se reflete em todos os utilizadores assignados ao grupo;
- É possível atribuir perfis individuais a utilizadores que pertençam a um grupo de perfis.





CONFIGURAÇÃO DE ACESSOS

CONFIGURAR UM GRUPO DE PERFIS

Módulo Reference Data > Access Rights Reference Data > Group

Group

Create / Display : Group

Group Id ==

Group Name ==

Update Date ==

Reset

Create

Search

Edit : Group

Group Id

Group Name

Assigned Roles

Assigned Roles [0]

Assigned Users

Assigned Users [0]

Reset

Group Properties

Group Properties [0]

Save

Cancel

CAMPOS OBRIGATÓRIOS



CONFIGURAÇÃO DE ACESSOS

CONFIGURAR UM GRUPO DE PERFIS

Módulo Reference Data > Access Rights Reference Data > Group

Edit : Group

Group Id
PTCB-DRMOP-OPERATOR

Group Name
DMROP Operator

Assigned Roles
Assigned Roles [0]

Assigned Users
Assigned Users [0]

Reset

Group Properties
Group Properties [0]

Save

Cancel

List: Security Role

10

Assigned Roles

Update Date

Updater User Id

No results were found for the search criteria specified

Create

Edit: Assigned Role

Assigned Roles

Reset

Cancel



CONFIGURAÇÃO DE ACESSOS

CONFIGURAR UM GRUPO DE PERFIS

Módulo Reference Data > Access Rights Reference Data > Group

Edit : Group

Group Id

PTCB-DRMOP-OPERATOR

Group Name

DMROP Operator

Assigned Roles

Assigned Roles [0]

Group Properties

Group Properties [0]

Assigned Users

Assigned Users [0]

Reset

Save

Cancel

List: Security Role

10

3

Assigned Roles	Update Date	Updater User Id
Validator		
NCB - U2A GENERAL REFERENCE DATA EXECUTION - #13		
NCB - U2A OPEN MARKET OPERATIONS EXECUTION - #27		

Create



CONFIGURAÇÃO DE ACESSOS

CONFIGURAR UM GRUPO DE PERFIS

Módulo Reference Data > Access Rights Reference Data > Group

Edit : Group

Group Id
PTCB-DRMOP-OPERATOR

Group Name
DMROP Operator

Assigned Roles
Assigned Roles [3]

Assigned Users
Assigned Users [0]

Reset

Group Properties
Group Properties [0]

Save Cancel

List: User Properties

10

Property Group Property Value Update Date Updater User Id

No results were found for the search criteria specified

Create

Edit: User Properties

Property
SegregationConfig

Group Property Value
Default_11|PT1

FootPrint

Reset

Cancel



CONFIGURAÇÃO DE ACESSOS

CONFIGURAR UM GRUPO DE PERFIS

Módulo Reference Data > Access Rights Reference Data > Group

Edit : Group

Group Id
PTCB-DRMOP-OPERATOR

Group Name
DMROP Operator

Assigned Roles
Assigned Roles [3]

Assigned Users
Assigned Users [0]

Reset

Group Properties
Group Properties [0]

Save Cancel

List: User Properties

10

Q 1

Property	Group Property Value	Update Date	Updater User Id
SegregationConfig	Default_11 PT1		

Create

NESTE MOMENTO PODEMOS GRAVAR A INFORMAÇÃO E TER UM GRUPO SOMENTE DE PERFIS



CONFIGURAÇÃO DE ACESSOS

CONFIGURAR UM GRUPO DE PERFIS

Módulo Reference Data > Access Rights Reference Data > Group

Edit : Group

Group Id: PTCB-DRMOP-OPERATOR Group Name: DMROP Operator

Assigned Roles: Assigned Roles [3] Group Properties: Group Properties [1]

Assigned Users: Assigned Users [0]

Reset Save Cancel

List: Assigned Users

10

ECMS System User Reference	Name	Is Active	Update Date	Updater User Id
No results were found for the search criteria specified				

Create

Create / Display : User

ECMS System User Reference: == Name: == Is Active: ==

Update Date: ==

Reset

PROCURAR UTILIZADORES EXISTENTES

CRIAR NOVO UTILIZADOR

Create Search



CONFIGURAÇÃO DE ACESSOS

CONFIGURAR UM GRUPO DE PERFIS

Módulo Reference Data > Access Rights Reference Data > Group

Create / Display : User

ECMS System User Reference == Name == Is Active ==

Update Date ==

Reset Create Search

Search Result : User

10

	ECMS System User Reference	Name	Is Active
<input type="checkbox"/>	PT-CCCAM-CPTYADMIN	PT-CCCAM-CPTYADMIN	Yes
<input type="checkbox"/>	PTBGALPTTGXXXAPLSLIM	PTBGALPTTGXXXAPLSLIM	Yes
<input type="checkbox"/>	PTCB-DMR CARLA MARQUES	Carla Marques	Yes
<input type="checkbox"/>	PTCB-DMR CATHERINE LEMOS	Catherine Lemos	Yes
<input type="checkbox"/>	PTCB-DMR FRANCISCO GASPAR	Francisco Gaspar	Yes
<input type="checkbox"/>	PTCB-DMR SARA CALADO	Sara Calado	Yes
<input type="checkbox"/>	PTCB-MG-ADMIN	Monica Gomes	Yes



CONFIGURAÇÃO DE ACESSOS

CONFIGURAR UM GRUPO DE PERFIS

Módulo Reference Data > Access Rights Reference Data > Group

Create / Display : User

ECMS System User Reference == ▾ Name == ▾ Is Active == ▾

Update Date == ▾

Reset Create Search

Search Result : User

10 ▾

	ECMS System User Reference ▾	Name ▾	Is Active ▾
<input type="checkbox"/>	PT-CCCAM-CPTYADMIN	PT-CCCAM-CPTYADMIN	Yes
<input type="checkbox"/>	PTBGALPTTGXXXAPLSLIM	PTBGALPTTGXXXAPLSLIM	Yes
<input checked="" type="checkbox"/>	PTCB-DMR CARLA MARQUES	Carla Marques	Yes
<input checked="" type="checkbox"/>	PTCB-DMR CATHERINE LEMOS	Catherine Lemos	Yes
<input checked="" type="checkbox"/>	PTCB-DMR FRANCISCO GASPAR	Francisco Gaspar	Yes
<input checked="" type="checkbox"/>	PTCB-DMR SARA CALADO	Sara Calado	Yes
<input type="checkbox"/>	PTCB-MG-ADMIN	Monica Gomes	Yes

Delete Edit View

USAR A SELEÇÃO DE UTILIZADORES



CONFIGURAÇÃO DE ACESSOS

CONFIGURAR UM GRUPO DE PERFIS

Módulo Reference Data > Access Rights Reference Data > Group

Edit : Group

Group Id

PTCB-DRMOP-OPERATOR

Group Name

DMROP Operator

Assigned Roles

Assigned Roles [3]

Group Properties

Group Properties [1]

Assigned Users

Assigned Users [0]

Reset

Save

Cancel

List: Assigned Users

10

4

ECMS System User Reference	Name	Is Active	Update Date	Updater User Id
PTCB-DMR CARLA MARQUES	Carla Marques	Yes	07/12/2022 22:01:32:360	PTCB-MG-ADMIN
PTCB-DMR CATHERINE LEMOS	Catherine Lemos	Yes	09/12/2022 10:19:50:224	PTCB-MG-ADMIN
PTCB-DMR FRANCISCO GASPAR	Francisco Gaspar	Yes	12/12/2022 20:46:43:798	PTCB-MG-ADMIN
PTCB-DMR SARA CALADO	Sara Calado	Yes	07/12/2022 21:53:22:204	PTCB-MG-ADMIN

Create



CONFIGURAÇÃO DE ACESSOS

CONFIGURAR UM GRUPO DE PERFIS

Módulo Reference Data > Access Rights Reference Data > Group

List: Assigned Users

10

ECMS System User Reference	Name	Is Active	Update Date	Updater User Id
PTCB-DMR CARLA MARQUES	Carla Marques	Yes	07/12/2022 22:01:32:360	PTCB-MG-ADMIN
PTCB-DMR CATHERINE LEMOS	Catherine Lemos	Yes	09/12/2022 10:19:50:224	PTCB-MG-ADMIN
PTCB-DMR FRANCISCO GASPAR	Francisco Gaspar	Yes	12/12/2022 20:46:43:798	PTCB-MG-ADMIN
PTCB-DMR SARA CALADO	Sara Calado	Yes	07/12/2022 21:53:22:204	PTCB-MG-ADMIN

Create

Create / Display : User

ECMS System User Reference == Name == Is Active ==

Update Date ==

Reset

Create Search

Edit: User

ECMS System User Reference Name Is Active

User Properties Groups Security Role User Multi Tenancy

User Properties [0] Groups [0] Security Role [0] User Multi Tenancy [1]

Reset

Save Cancel

SEGUIR OS PASSOS DE CRIAÇÃO DE UTILIZADOR



CONFIGURAÇÃO DE ACESSOS

CONFIGURAR UM GRUPO DE PERFIS

Módulo Reference Data > Access Rights Reference Data > Group

Group

Create / Display : Group

Group Id == Group Name == Update Date ==

Reset Create Search

Search Result : Group

Group Id	Group Name	Action To Validate
PTCB-DMROP-OPERATOR	DMROP Operator	

UTILIZADOR COM PERFIL 2 OLHOS,
CRIAÇÃO FINAL



CONFIGURAÇÃO DE ACESSOS

ATRIBUIR UM GRUPO DE PERFIS A UM UTILIZADOR

Módulo Reference Data > Access Rights Reference Data > Users Create/Display

Create / Display : User

ECMS System User Reference == Name == Is Active ==

Update Date ==

Reset Create Search

Edit: User

ECMS System User Reference PTCB-DMR VITORIA AFONSO Name Vitoria Afonso Is Active ✓

User Properties User Properties [0] Groups Groups [0] Security Role Security Role [0] User Multi Tenancy User Multi Tenancy [1]

Reset Save Cancel

List: User Properties

Property	Group Property Value	Update Date	Updater User Id
SegregationConfig	Default_11 PT1		
DN	CN=bpu063762, OU=t2sgui, O=bgalpttg, O=swift		

Create



CONFIGURAÇÃO DE ACESSOS

ATRIBUIR UM GRUPO DE PERFIS A UM UTILIZADOR

Módulo Reference Data > Access Rights Reference Data > Users Create/Display

Edit: User

ECMS System User Reference

PTCB-DMR VITORIA AFONSO

Name

Vitoria Afonso

Is Active

✓

User Properties

User Properties [2]

Groups

Groups [0]

Security Role

Security Role [1]

User Multi Tenancy

User Multi Tenancy [1]

Reset

SaveCancel

List: Group

10

Security Group ↕Update Date ↕Updater User Id ↕

No results were found for the search criteria specified

Create

Edit: Group

Security Group

PTCB-DMROP-OPERATOR

Reset

Cancel

LISTA DE GRUPOS ASSOCIADOS À INSTITUIÇÃO



CONFIGURAÇÃO DE ACESSOS

DEMONSTRAÇÃO ECMS

target
SERVICES

Welcome ETU210 | 2022-12-13 15:02
Stage: EAC | Version 1.0.4 | Go Sign Client: [SU](#) [MU](#)

Services List

Choose an Application and your System User Reference

Choose a Service

☐ T2 ☐ T25 ☐ TIPS ☒ ECMS

Choose Component or Application

☒ ECMS

Choose a System User

Search for user...

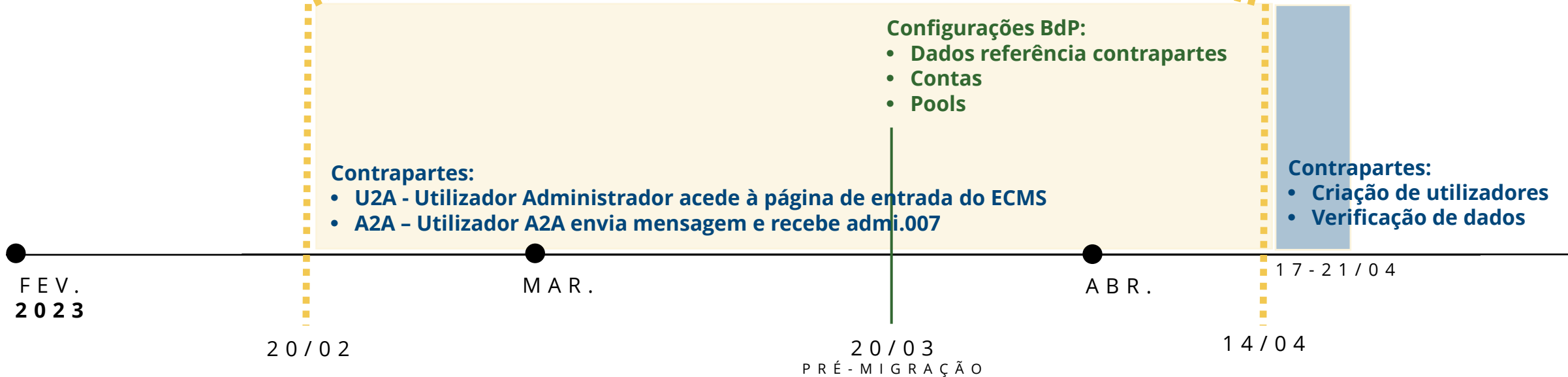
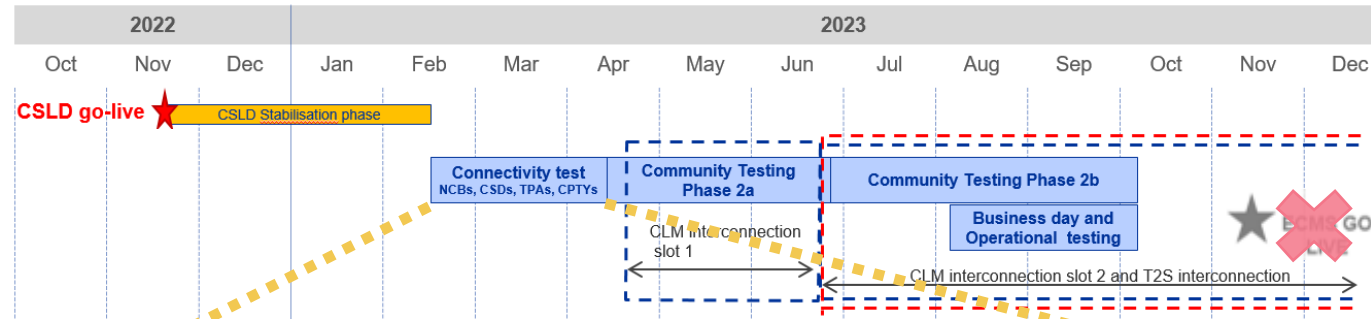
☒ ECMS ACCESS

Submit



TESTE DE CONECTIVIDADE

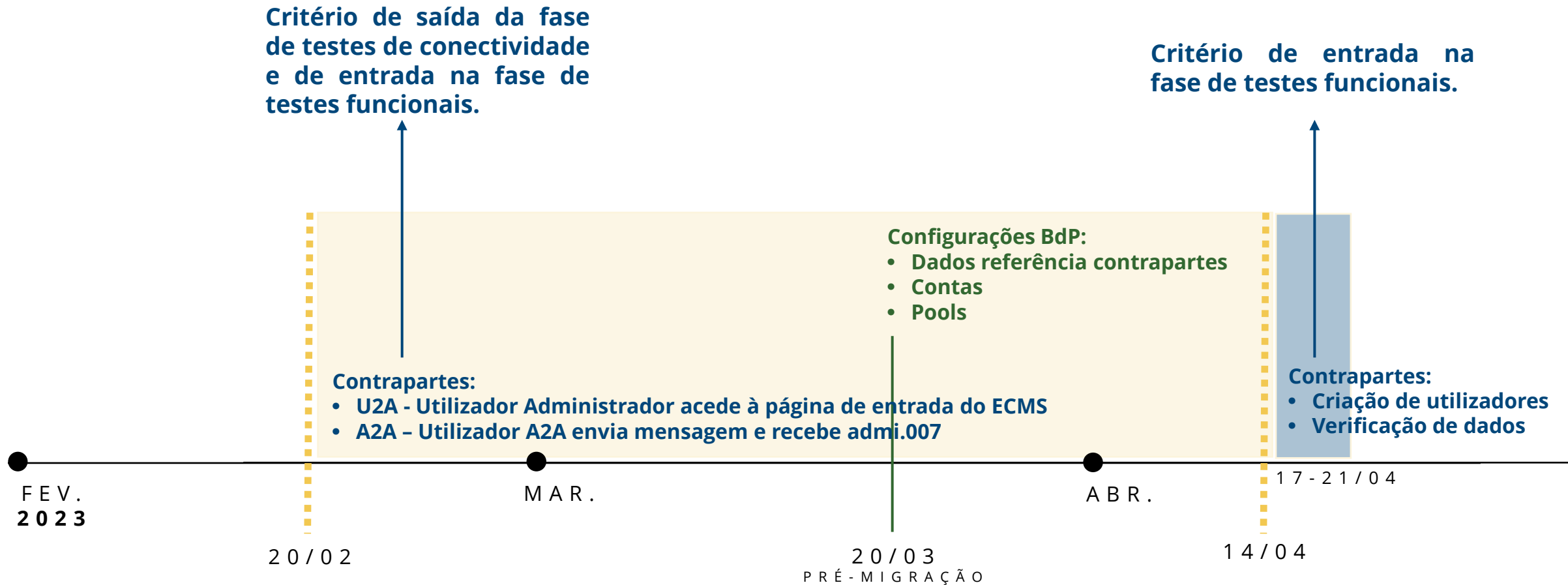
CRONOLOGIA DA FASE DE TESTES





TESTE DE CONECTIVIDADE

CRONOLOGIA DA FASE DE TESTES





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LIGAÇÕES E DOCUMENTAÇÃO

BCE:

[Home > Payments & Markets > TARGET services > ECMS > For professional use](#)

[Home > Payments & Markets > TARGET services > Shared features > For professional use](#)



SWIFT (e-Ordering):

[Home > mySwift > Ordering > Order products and services > Eurosystem Single Market Infrastructure Gateway \(ESMIG\)](#)

ESMIG Pré-Produção/UTEST:

<https://esmig-cert-portal.emip.swiftnet.sipn.swift.com>



[ESMIG U2A Qualified Configurations v1.3.4](#)

[TARGET Services Connectivity Guide v2.0](#)

[T2CRDMConfigurationGuideforPaymentBanks](#)

[Explainer on authentication and authorisation of instructions in the ECMS](#)

[Business rules in the ECMS](#)

[U2A and A2A roles in the ECMS](#)

[Strategy for ECMS migration and testing](#)

[ECMS user testing - terms of reference for pre-production environment](#)



ANEXOS

















ANEXO I – OPERADORES DE PESQUISA

Operator	Description
==	Equal to
!=	Different from
“	Field is null (empty)
!”	Field is not null (not empty)
>	Superior to
<	Inferior to
>=	Superior or equal to
<=	Inferior or equal to
[]	Between two values e.g. [1000;2000]
()	In a list of values separated by ;
!()	Not in the list of values separated by ;
~	Looks like the text, using % to replace any character
^	Text starts with

FONTE: ECMS USER HANDBOOK V1.1



ANEXO II – ÍCONES MAIS FREQUENTES

Icon	Description
	This icon enables you to go to the previous screen.
	This icon enables you to minimize the screen.
	This icon enables you to maximize the screen.
	This icon shows the number of records displayed in the list. Maximum size results recovered by the application is 10.000 records.
	This icon enables you to export the results to an Excel file.
	This icon enables you to export the results in different formats (pdf, csv and xml)
	This icon enables you to filter the results.
	This icon enables you to delete the record selected.
	This icon enables you to save the current search. When you click on the Star Icon in Search Screen you have the possibility of saving current search or to select a previous saved search.
	This icon enables you to refresh the current search.
	This icon enables you to save the reason to deactivate the Reference Data element
	This icon enables you to edit the selected record
	This icon enables you to select a date from a calendar.
	This icon enables you to search for data from a selection screen

FONTE: ECMS USER HANDBOOK V1.1



ANEXO III – CARACTERES ACEITES

Character	Description
a-z	26 small characters of the Latin alphabet
A-Z	26 capital characters of the Latin alphabet
0-9	10 numeric characters
-	Hyphen
:	Colon
(Opening Parenthesis
)	Closing Parenthesis
.	Full Stop
,	Comma
'	Apostrophe
	Space (blank)

FONTE: ECMS USER HANDBOOK V1.1



ANEXO IV – FORMATO DO DN NA CRIAÇÃO DE UTILIZADORES

1.1 Examples allowing access to ECMS via SWIFT

	Notation in Swift interface software (SAG/SNL/SAA/ Alliance Cloud)	Notation in CRDM
DN for (A2A)	<u>Example 1:</u> cn=p23,ou=a2a,ou=t2,ou=prod,o=ecbfdeff,o=swift <u>Example 2:</u> cn=t2prod,o=ecbfdeff,o=swift	<u>Example 1:</u> CN=p23,OU=a2a,OU=t2,OU=prod,O=ecbfdeff,O=swift <u>Example 2:</u> CN=t2prod,O=ecbfdeff,O=swift
DN for (U2A)	cn=john-smith,ou=t2prd,o=ecbfdeff,o=swift	CN=john-smith,OU=t2prd,O=ecbfdeff,O=swift
DN for (PTA)	cn=xts3,ou=t2,ecbfdeff,o=swift	cn=xts3,ou=t2,ecbfdeff,o=swift

1.2 Examples allowing access to ECMS via SIANet (Nexi-Colt)

	Notation in SIANet	Notation in CRDM
DN for (A2A)	CN=bls,OU=A2A,O=12431,DC=sianet,DC=sia,DC=eu	CN=bls,OU=A2A,O=12431,DC=sianet,DC=sia,DC=eu
DN for (U2A)	CN=John Smith,OU=U2A,O=12431,DC=sianet,DC=sia,DC=eu	CN=John Smith,OU=U2A,O=12431,DC=sianet,DC=sia,DC=eu
DN for (PTA)	cn=application,ou=prod,o=12431,dc=sianet,dc=sia,dc=eu	cn=application,ou=prod,o=12431,dc=sianet,dc=sia,dc=eu