



Cross Account Transfer Screen

Application Name: MaintCrossMbrXferPkg
Application Description: Cross Account Transfer Screen
DNAApp Id 4fd9b668-ae77-472c-a31c-03f8856493ac

CONFIDENTIAL-LIMITED: Distribution restricted to:

- Clients using or considering purchase of the product described in this document
- Fiserv associates

© 2015-2023 Fiserv, Inc. or its affiliates. All rights reserved. This work is confidential, and its use is strictly limited. Use is permitted only in accordance with the terms of the agreement under which it was furnished. Any other use, duplication, or dissemination without the prior written consent of Fiserv, Inc. or its affiliates is strictly prohibited. The information contained herein is subject to change without notice. Except as specified by the agreement under which the materials are furnished, Fiserv, Inc. and its affiliates do not accept any liabilities with respect to the information contained herein and is not responsible for any direct, indirect, special, consequential or exemplary damages resulting from the use of this information. No warranties, either express or implied, are granted or extended by this document.

<http://www.fiserv.com>

Fiserv is a registered trademark of Fiserv, Inc.

Other brands and their products are trademarks or registered trademarks of their respective holders and should be noted as such.

Overview:

The Maintain Cross Member Transfer application gives a financial institution the ability to add, update or remove a cross member transfer.

Key Benefits:

A financial institution using the Maintain Cross Member Transfer application will experience the following benefits:

- Fewer errors when setting up a Cross Member Transfer
- Less risk for the financial institution that an account is added to an online agreement, but the cross member transfer piece is not set up. This could result in the account showing up in a member's Relationship Profile, making it easier for a transfer out of this account to occur.
- Frontline staff will find it easier to set up a Cross Member transfer using this application.

Processing:

The Maintain Cross Member Transfer application is launched from the "More" menu in the Relationship Profile screen. The banner will display the current person or organization. The application will launch for the selected person or organization.

When the application is launched, the agreement with an agreement type specified in the 9CAT and 8ATY variable will be displayed, along with any existing cross member transfers. Both active and inactive cross member transfers will display in the second grid. The agreement must have a status listed in the 9ASC variable.

The information in the Account Assignment grid will be updated when the user selects to link, edit or delink a cross member transfer account. If the user selects to cancel out of the application once there are pending changes, the following message is displayed:



If the user clicks "Yes", the changes are discarded and the first row in the Account Assignment grid is highlighted. If the user clicks "No", the user is returned to the screen and will be able to complete the updates.

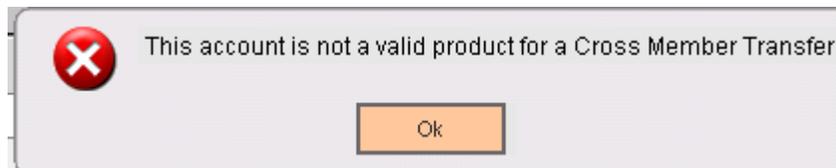
Adding a New Cross Member Transfer

To add a cross member transfer to the agreement, the user should complete the following steps:

1. Click the Link button of Account Assignment grid. The standard Search screen is displayed.
2. Search for the person and/or organization that has a role on the account you wish to add as a cross member transfer.
3. Search for the account in the list of accounts on the search screen.
4. Highlight the account to add, and double-click, or click Continue.
5. The account selected will be validated with the following edits:
 - a. Does the user logged in have a non-Employee role on the account? If they do, the following error displays, and the user is returned to the application:



- b. Is the account's product valid? (i.e. does the account's product accept deposits?). If it does not, the following error displays, and the user is returned to the application:



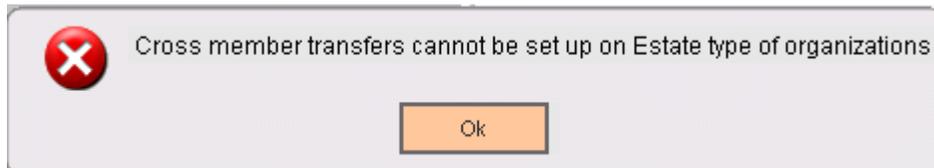
- c. Is the account's status listed in the 9ASI variable? If it is not listed, the following error displays, and the user is returned to the application:



- d. Does the person on the agreement have a valid role for the agreement type? If so, a few additional checks are done to determine if an exception should be made:
 - i. If the variable IORG is set to 'Y', and the account that the person has a valid role on is owned by an organization, the system will allow the

account to be linked, as long as the organization that owns the account does NOT have an organization type code listed in the OTYP variable.

- ii. If the person has a valid role on the account and also has one of the roles listed in the ATRC variable, an exception will be made, and the account will be linked to the agreement. If an exception is not made, the following error message displays, and the user is returned to the application:



- e. If the person has a valid role for the agreement type, and neither exception listed above is granted, the following error message displays, and the user is returned to the application:



- f. Does the person already have the account set up on the agreement? If so, the following error message displays, and the user is returned to the application:

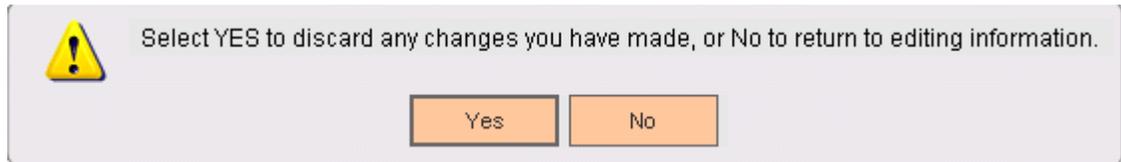


- g. Was an account number selected and returned to the app? If not, the following error message displays, and the user is returned to the application:



- h. If the user returns to the application without selecting an account number, the Link Account section of the application will remain disabled.
- i. If a valid account is selected in the Search screen, the Link Account section of the application is enabled, and the user is allowed to update the Cross Member Account Description.

- i. At this point, the Close button is updated to Cancel.
- j. If, after making changes that have not yet been processed, the user selects a different account in the Account Assignment grid, the following message is displayed, and the user is returned to the application:



- 6. Click the Process button to update the DNA database with the new Cross Member Transfer account. DNA database entries are added to the Activity tables to record the addition of the cross member transfer.
 - a. The Cross Member Account Description field is required. If the field is left blank, the following exception message displays, and the user is returned to the Cross Member Account Description field:



But in case of E-agreements, the field Cross Member Account Description is disabled and not required.

Editing an Existing Cross Member Transfer

To edit an existing Cross Member Transfer on an agreement, the user should complete the following steps:

1. Click the row in the Account Assignment grid for the cross member transfer to be updated.
2. Click the Edit button on the Account Assignment grid. The Cross Member Account Description text box is the only field that can be updated. In case of E-Agreements, since the Cross Member Account description field is disabled and not required, E Agreement cannot be updated and the edit button remains disable.

3. Enter a new Cross Member Account Description. Note that this field is a required field.
4. Click the Process button to update the DNA database and update the Cross Member Account Description for the selected cross member transfer account.
5. DNA database entries are added to the Activity tables to record the update of the cross member transfer.

Authorizations:

This application can be set up with view only or update permissions.

To grant a user update access to this application, the system administrator can either assign the "Maintain Cross Member Transfer" authorization group to the user or add the individual Authorization Items for this application to an existing authorization group to which the user has access privileges.

If the system administrator chooses to assign the individual Authorization Items to an existing authorization group, the following Authorization Items must be added to give the user proper access to the application:

- CAPR 7705
- CAPR 7710
- CAPR 7783
- Maintain Cross Member Transfer
- EAgreement Cross Member Transfer

Once the Authorization Items have been selected for the authorization group, the system administrator should set up the appropriate permissions for the Authorization Items.

For update access, select the following permissions for the CAPR Authorization Items:

- Employee Access
- Update

For update access, select the following permissions for the Maintain Cross Member Transfers Authorization Item:

- Add
- Delete
- Employee Access
- Update

For view only access, select the following permissions for the CAPR Authorization Items:

- Employee Access
- Update

For view only access, select the following permissions for the Maintain Cross Member Transfers Authorization Item:

- View

The following authorization entries are included in the installation:

AUTHDESC	AUTHCD
Maintain Cross Member Transfer	MCMT

AUTHDESC	AUTHITEMCD	AUTHITEMDESC	PERMISSIONDESC
Maintain Cross Member Transfer	7705	CAPR 7705	Employee Access
Maintain Cross Member Transfer	7705	CAPR 7705	Update
Maintain Cross Member Transfer	7710	CAPR 7710	Employee Access
Maintain Cross Member Transfer	7710	CAPR 7710	Update
Maintain Cross Member Transfer	7783	CAPR 7783	Employee Access
Maintain Cross Member Transfer	7783	CAPR 7783	Update
Maintain Cross Member Transfer	8EMT	EAgreement Cross Member Transfer	Employee Access
Maintain Cross Member Transfer	8EMT	EAgreement Cross Member Transfer	Update
Maintain Cross Member Transfer	MCMT	Maintain Cross Member Transfer	Add
Maintain Cross Member Transfer	MCMT	Maintain Cross Member Transfer	Delete
Maintain Cross Member Transfer	MCMT	Maintain Cross Member Transfer	Employee Access
Maintain Cross Member Transfer	MCMT	Maintain Cross Member Transfer	Update
Maintain Cross Member Transfer	MCMT	Maintain Cross Member Transfer	View

Following CAPR are used by the application to maintain cross account transfer on the card and e-agreements:

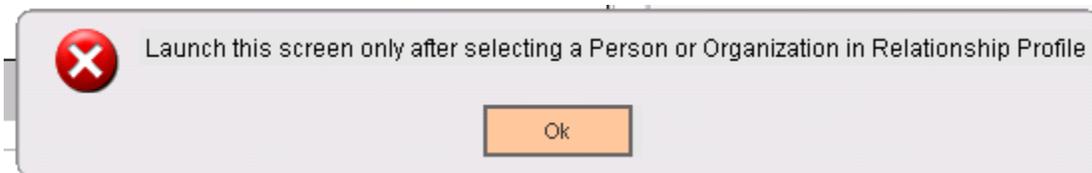
- CAPR 7705

- CAPR 7710
- CAPR 7783
- CAPR 16293

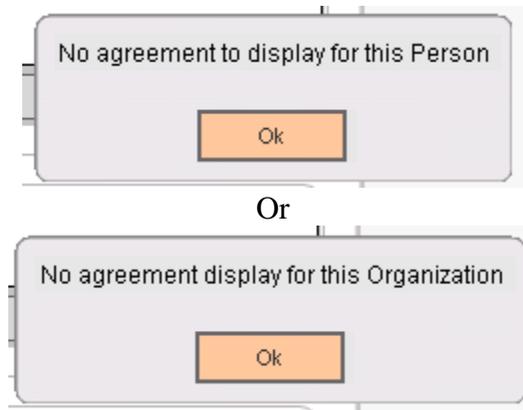
If a user has not been granted permission to use the application, this error message will be displayed, and the screen will close:



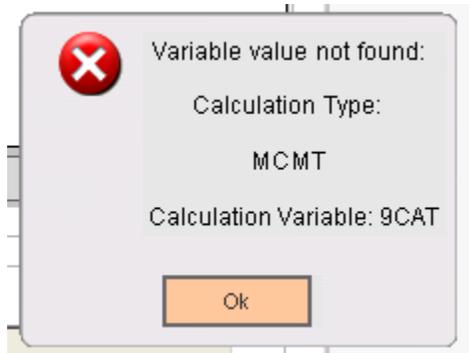
If a user navigates to the new screen 'Maintain Cross Member Transfer' without first selecting a person or organization in the Relationship Profile search screen, the following message will be displayed, and the screen will close:



If a user navigates to the new screen 'Maintain Cross Member Transfer' for a person or organization that has no agreement to be displayed, the following message will be displayed and the screen will close:



If a user navigates to the new screen 'Maintain Cross Member Transfer' and any of the following variables have not been set up, a message similar to the following will display and the screen will close:



Variables:

Calculation Categories:

A calculation category is required to associate the variables to the application. The following calculation category is used for that purpose.

Calculation Category Code	Description
EBNK	Electronic Banking

Calculation Types:

A calculation type is required to associate the variables to the application. The following calculation type code is used for that purpose.

Calculation Category Code	Calculation Type Code	Description (how used)	MjMiYN
EBNK	MCMT	Maintain Cross Member Transfer	N

Calculation Variables:

The following calculation variables are required for the application and are populated within the 'MCMT' calculation type.

Variable	Code	Description (how used)	Data Type	Default
Card Agreement Status	9ASC	Enter the agreement status code(s) to include in the application.	STR	ACT,ISS

Variable	Code	Description (how used)	Data Type	Default
Acct Status to be included	9ASI	Enter the account status(es) to consider valid for a cross member transfer account. If multiple account statuses are to be listed, enter a comma separated list of account status codes.	STR	ACT
Card Agreement Type	9CAT	Enter the agreement type code to consider valid for this application. If multiple card agreement types are to be listed, enter a comma separated list of card agreement type codes.	STR	WWW
App-Account Roles to Consider	ATRC	Enter a comma-separated list of account role(s) to that would grant an exception for the person when linking an account to their agreement. If the person has a valid role on the account, and the person also has a role listed in this variable, an exception would be made to the 'valid role' logic, and the account would be allowed to be added to the person's agreement. Note: this variable can be left blank.	STR	MINR,WARD,LLCS,CCEX,N EBR,8XWW,RETR

Variable	Code	Description (how used)	Data Type	Default
Include Org Owned Accounts	IORG	<p>Enter a 'Y' to include the logic that checks if the account being linked is owned by an organization. If the value is set to 'Y', the system will include an exception check when the user is linking an account to the agreement. In this case, the person can have a valid role on the account, but if the account is owned by an organization, an exception to the valid role logic will be made.</p> <p>Note: see additional information on the variable 'Include Org Types (OTYP)'</p>	YN	Y
Include Org Types	OTYP	<p>Enter a comma-separated list of organization types to include in the exception check when an account is being linked to an agreement. If the 'Include Org Owned Accounts (IORG)' variable is set to 'Y', and the account being linked is owned by an organization, the system will then check this variable. If this variable has a list of organization type code(s), the account can be added to the agreement as long as the organization type is NOT listed in the OTYP variable.</p> <p>Note: this variable is only used when the 'Include Org Owned Accounts (IORG)' is set to 'Y'. The OTYP variable can be left blank. If it is blank, an org-owned account can be linked to the agreement when the person has a valid role on the account.</p>	STR	EST,PROP,TRST

Variable	Code	Description (how used)	Data Type	Default
Access Type Codes	8ATY	<p>Enter the access type code to list the E-agreements along with the Card Agreements in the Agreement grid.</p> <p>If multiple access agreement types are to be listed, enter a comma separated list of access type codes.</p> <p>If access type codes are not provided, E-agreements will not be listed in the Agreement grid.</p>	STR	NULL

Screens:

Navigation

Maintain Cross Member Transfer:
Relationships > Quick Inquiries > Relationship Profile > More > Maintain Cross Member Transfer

Screen Appearance (example):

Wizards Maintenance Quick Inquiries Collateral Agreements Print Calculators My Forms System Logout

fiserv. Edward J. Martin, Relationship Manager
 10000 W. Sunrise Blvd
 Weston, Florida 33412
 United States

Phone#: 1-800-441-7138
 TIN: 888-77-1828
 Customer Since: 01-01-1983
 DOB: 02-21-1942

Date Last Contact: 02-10-2003
 Status: Dormant

Tickler Relationship Profile: Edward J. Martin, E. J.

Maintain Cross Member Transfer

Agreement

Agreement	Prefix	Pan	Agreement Type	Status
2222	3	1234	OPEN Online Banking	Issued

Cross Member Transfer Accounts

Account Assignment

Account Number	Effective Date	Inactive Date	Daily Withdrawal Limit	Daily Deposit Limit	Account Status	Cross Account Description
700012783	08/02/2011		0.00	0.01	Active	Susans Savings Account
200100004	08/02/2011		0.00	0.01	Active	Andreys Savings account
300010017	08/02/2011		0.00	0.01	Active	Khalls Savings Account
200100004	08/02/2011		0.00	0.01	Active	Card Checking account

Link Edit De-Link

Link Account

Account Number Cross Member Account Description

Tax Owner Name

Close Close Clear Process

Field Listing:

Field	Description
Agreement Grid	
Agreement	System-assigned number associated with the agreement.
Prefix	A fixed portion of the PAN required by the network. The prefix is determined by the agreement type. For E-agreement, the value of Prefix will be blank.
Pan	Unique number that identifies the card agreement to the network. The method of choosing a PAN is determined by the agreement type. For E-agreement, the value of Prefix will be blank.
Agreement Type	Agreement type description.
Status	Current status of the agreement.
Account Assignment Grid	
Account Number	DNA account number set up as a Cross Member Transfer account.
Effective Date	The date the Cross-Member Transfer was added to the agreement. For E-agreement, the value of effective date will be blank.
Inactive Date	The date the Cross Member Transfer was inactivated from the agreement.
Daily Withdrawal Limit	Maximum amount the cardholder can withdraw in one day.
Daily Deposit Limit	Maximum amount the cardholder can deposit in one day. The default is based on the value for the agreement type. Note: A day is defined by the card agreement type as a business or calendar day.
Account Status	Current status of the account.
Cross Account Description	A description of the cross-account transfer relationship. For E-agreement, the value of cross account description will be blank.
Link Account	
Account Number	DNA account number for the account to link as a Cross Member Transfer account.
Cross Member Account Description	Enter a description for the Cross Member Transfer account. Note: This is a required field and for E-agreement, this field will be disabled.
Tax Owner Name	The name of the tax owner of the account to be linked as a Cross Member Transfer account.
Buttons	
Link	Clicking this button will launch the Search screen, and the user is able to search and select the person(s) or organization(s) being added to the account.

Field	Description
Edit	Clicking the Edit button allows the user to update the Cross Account Description field. If the account has an Inactive date, it will be cleared, and the selected DNA account number will be re-linked when Processed. For E-Agreement, the edit button is disabled. E-Agreements can only be linked and delinked.
De-Link	Clicking this button will inactivate the selected DNA account number from the agreement. The button is disabled if the DNA account number was previously de-linked from the agreement. For E-agreements, on delinking, the account will be removed from the agreement.
Process	Clicking this button commits the updates to the DNA database. Activity entries are also added to record the addition of the cross member transfer account, update, or removal from the DNA database. This button is displayed for users who have been given update permission to the application.
Cancel	This button is displayed in the bottom left corner of the screen's Processing bar when edits have been made but have not been processed. Clicking this button will display a warning asking if you want to discard the changes or continue editing.
Close	Clicking this button in the bottom left corner of the screen's Processing bar will close the application.

Activity is logged under the Activity Category 'Agreement Maintenance' and Activity Type 'Agreement' or 'Electronic Agreement Access Type Account Maintenance' when cross member transfers are linked or delinked from the agreement or e-agreement respectively using this screen.

Prefix and PAN are masked or appear in the clear text based on the standard DNA PAN masking associated with the Authorization Code.

Additional Requirements:

- DNA 4.2.2 or above
- DNA CoreAPI 1.6.1 or above
- .NET Framework 4.5.2 (minimum)

Configuration Checklist:

Item	Test Environment	Production Environment
------	------------------	------------------------

Item	Test Environment	Production Environment
Authorizations		
Calculation Variables		

Installation:

Install the application “MaintCrossMbrXferPkg.dnaxp” through DNAapp Management Console (formerly known as DNA Configuration Toolkit). The instructions on how use the DNAapp Management Console should be delivered along with the DNAapp Management Console. Please contact Client Care if you need assistance using the DNAapp Management Console.

Client Side dll files for this application should be placed at each branch server in the following path:

X:\OSI\DNA_Client\DNAApps\9999\Bin

Where:

X = drive mapping for the branch server the DNA client is located on
 9999 = the current DNA release

Revisions

Date	App Version #	Change
05/2023	1.4.0.5	Modified for Voltage phase 3
07/2021	1.4.0.4	Application has been updated to stop unwarranted alert messages that comes when the user switch from one form tab to another tab in edit state.
06/2021	1.4.0.3	Remove the dependency of E-agreements from DNA Web Agreement.
05/2021	1.4.0.2	Application is enhanced to list down E-agreements in the agreement grid along with the Card Agreements when the value of calculation variable ‘Access Type Code’ (8ATY) is provided. The E-agreements can then be linked and delinked for Cross Account transfer.
12/2019	1.3.0.2	Fixed UI issues found in internal testing. Unhandled Exception issue fixed if AUTH Item permissions are missing.
12/2019	1.3.0.1	Removed reference of documents from solution. Added reference to SDK in solution.
07/2019	1.3.0.0	Added calctyp information for application configuration. Format updates.
06/2019	1.3.0.0	Resolved sorting issues with grids button statuses, corrected retrieval of agreements to include all types and filter as noted in configuration calcvar, resolved display of linked agreement status to reflect current status of account added, corrected calcvar value retrieval to use posting date.
04/2019	1.2.1.1	Fixed issue with Agreement grid not displaying more than one type of agreement. Fixed issue where error presents if a space is present after comma in comma-delimited calcvar string. Updated handling of Agreement selected item; Account Assignment grid will properly display any related accounts for selected agreement type. Edit button will clear any Inactive

Date	App Version #	Change
		date for an already linked account to allow users to re-link any de-linked account.
10/2015	1.0.0.1	Remove extraneous error message when selecting a different account in Account Assignment grid when there are unsaved changes.
05/2015	1.0.0.0	Application Created