Account Role Manager

AccountRoleManager.Menu.dnax
Extension ID: 7D2CCB4D-9C03-4F82-BB9A-92E3C76802E0

Overview:

The Account Role Manager application is a multiple screen DNAcreator application developed to simplify and streamline the operation of updating a person's or organization's roles for a list of deposit accounts (e.g. checking, savings, money market, etc). It allows a user to search for the deposit accounts of a person or organization, select the account of interest, add roles for a new person or organization to selected accounts, remove roles for an existing person or organization from selected accounts, and change account ownership types after roles have been added to or removed from selected accounts. The App also automatically delinks the agreements between a person and selected accounts once the NonTax Owner and/or NonTax Signator roles are removed.

When multiple account maintenance is required, this App is available from Relationships (Service tab) > Maintenance > Account Role Manager Menu. When only single account maintenance is required, this app is available from Relationships (Service tab) > Maintenance > Deposit Account > Account Role Manager Toolbar.

Please note that this Application does not apply to loan accounts.

Key Benefits:

- Streamlined process: perform adding/removing account roles in an intuitive manner
- Robust search capability for persons or organizations
- Option to change account ownership types
- Automatically delink agreements due to account role changes

Processing:

When adding roles to multiple accounts, launch this application from the Account Role Manager Menu; otherwise launch the application from the Deposit Account Toolbar while maintaining a single deposit account.

<u>Account Role Manager for Multiple Deposit Accounts</u>

The Application starts by displaying the "Select Accounts and Persons/Organizations" screen. The user selects a list of accounts and a person or organization before moving to next screen. Here are the steps the user can use to find accounts and a person or organization of interest:

1. *<u>Find Member/Customer Accounts</u>*

   To search for a person's deposit accounts, a user may first search for the person by the person's last name and/or first name or part of the last name and/or first name (wildcard). If more than one person with same name is found, the user may select a name from the person list grid.

The user can also search for a person's deposit accounts using the member/customer number or TaxID, such as the social security number. Since only one person may be found in this case, the person's or organization's deposit accounts are directly displayed in the account and the person or organization is listed and highlighted in the grid.

To search for an organization's deposit accounts, a user can use the organization's name or partial name (wildcard). In case more than one organization is found with the criteria, the user may select an organization from the organization list. Similarly, the user can search for an organization's deposit accounts by using the member/customer number or TaxID of the organization.

In case searched person or organization is the same as or has non-employee relationship to logged in user, an error message will pop up to prevent the user from continuing the process.

After a list of deposit accounts is selected, click on the "Add Person/Organization" button to add roles or click "Remove Person/Organization" to remove roles respectively.

The search tokens that are applied for the final search are memorized by the application and will be available in the proper search fields next time the same user uses the application.

2. *Find Persons/Organizations to Add to Accounts with Roles*

   To find the persons or organizations to add to selected accounts with roles, the user may supply last/first or organization names, member/customer numbers, or TaxIDs. A list of persons or organizations that satisfy the search criteria will be listed in the grid sorted by names. The user can only select one person or organization at one time to continue.

3. *Find Person/Organization to Remove from Accounts by Roles*

   By clicking on the "Remove Person/Organization" button, a list of persons and/or organizations that have at least one role on the selected accounts will be displayed in the grid. The user can choose one person or organization from the list and move to remove the roles from selected accounts. The user can also check the "Remove All

Roles" option to remove all roles from selected account at one time. Similar to add roles, the user can only select one person or organization at one time to continue. In case selected person or organization is the same as or has non-employee relationship to logged in user, an error message will pop up to prevent the user from processing.

4. *Change Account Ownerships*

   This screen provides the functionality to for a user to modify the ownership types of selected accounts with account roles modifications. For instance, the account ownership type may need to change from Single to Joint OR/Joint AND when new roles are added for a person or organization or from Joint OR/Joint AND to Single if roles are removed. A user does not have to alter the ownership types for all accounts, but a pop up message box will warn the user if user does not do so. The user can then choose to ignore the warning and continue to next screen or stay in the screen to modify the ownership types. The ownership types are not actually modified until adding/removing roles is successfully performed.

5. *Configure Account Roles*

   This screen allows a user to add roles to and/or remove roles from a selected account for the selected person or organization. When the user selects an account from the account list grid, the roles that the person or organization already has on the account are listed in the Selected Roles list box and the roles that are still available for the selected person or organization are listed in the Available Roles list box. The user can use the Select/Select All and Remove/Remove All buttons to alter the roles and the Process button to change the roles.

   Please note, by design, none of employee-based (e.g. Originating Employee, Account Officer) roles are not included in account role list, for either Available Roles or Selected Roles.

   If the Process Option is set to Review, an informative message box will be popped up indicating the adding and/or removing is successful and the application will remain present after the Process button is clicked. If the Process Option is set to Close, the adding and/or removing will be performed without notification and the App will be closed after the Process button is clicked.

6. *Remove All Roles*

This screen provides functionality to review the list of roles on the selected accounts of the selected person or organization before removing all of them. All these roles will be removed after the Process button is clicked.

Similarly, none of employee-based (e.g. Originating Employee, Account Officer) roles are not listed in account role tree leaves.

7. *Delink Agreements*

This functionality is performed automatically when removing a person's or organization's NonTax Owner and NonTax Signator roles from an account. All existing agreements between the person and the account will be inactivated or delinked when roles are removed. If a NonTax Owner role is added for a person to an account, the existing agreements will not be automatically linked. A Fiserv batch job is provided separately from this application that provides functionality to build links.

Authorization:

To grant a user access to this App, the system admin can either add the "AccountRole Manager Form Auth (R08C)" and "AccountRoleManager Update Auth (R08A)" AuthCds to the user or the "AccountRoleManager Form AuthItem (R08D)" and "AccountRoleManager Update AuthItem (R08B)" to an Auth group, such as financial service representatives, to which the user has access privileges. In either case, the system admin also needs to add the CoreAPIs (7705, 7719, 7749, 7783, 7714, and 7756) AuthItems to an AuthCd (FSR, R08A) to give a user update and retrieval permissions.

The following table lists the AuthCd and AuthItems that are used in the App:

Name	Code	Type	Description (how used)
AccountRoleManager Form Auth	R08C	AuthCd	Authorization code for App form access
AccountRoleManager Form AuthItem	R08D	AuthItem	Authorization item code for certain type of access permissions
AccountRoleManager Update Auth	R08A	AuthCd	Authorization code for App update (through CoreAPIs)
AccountRoleManager Update Authitem	R08B	AuthItem	Authorization code for App update (through CoreAPIs) permissions
CAPR 7719	7719	AuthItem	Authorization item for ownership changes
CAPR 7749	7749	AuthItem	Authorization item for account role updates
CAPR 7705	7705	AuthItem	Authorization item for person account agreement delink
CAPR 7783	7783	AuthItem	Authorization item for activity rows updates
CAPR 7714	7714	AuthItem	Authorization item for retrieve persons from database

Name	Code	Type	Description (how used)
CAPR 7756	7756	AuthItem	Authorization item for retrieve organizations from database

Parameters:
N/A

Variables:
In order to create these variables in the DNA database, the "ConfigSetup.sql" script must run by the administrator prior to the first run of the application. The App uses configuration variables ranging from 9R40 to 9R49 that can be customized by a financial institution.

Calculation Categories:

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

Calculation Cat Code	Description
9RFC	Custom Category

Calculation Types:

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

Calculation Cat Code	Calculation Type Code	Description (how used)	MjMiYN
9RFC	9R08	Account Role Manager	N

Calculation Variables:

The following calculation variables are required for the application. They are populated within the '9R08' calculation type.

Variable	Code	Description (how used)	Data Type	Default
ExclRolesFromSingle	9R40	Excluded Role from Single Ownership type. The variable can only have a single value. If no value is provided, it will be defaulted to "NonTax Owner"	STR	NonTax Owner

Variable	Code	Description (how used)	Data Type	Default
DepAcctMjCds	9R41	Deposit account major codes. If no major code is provided, it will be default to “SAV,CK,TD”.	STR	SAV, CK, TD
ExcldAcctStatCds	9R42	Excluded account status codes from account returns.	STR	CLS
DisplayNonMembers	9R43	Flag indicating if non members should be included in persons or organizations searching results. If no value is provided, it will be defaulted to “N”.	STR	N
MaxNoOfSearchReturns	9R44	The maximum number of items returned from person or organization search. If no value is provided, it will be defaulted to 100.	INT	100
CAPI7749ForUpdateACTVsBugFixed	9R49	The flag indicating if the bug on CAPI7749 has been fixed. If it is, the flag has to be set to Y so the ACTV tables won’t be written twice. *The user need to look in Fiserv releases for Compass ticket: 1545292 to know if this bug has been fixed.*	STR	N

Scheduling and re-run information (for batch applications):
N/A

Notices:
N/A

Report (s):
N/A

File Layout(s):
N/A

Input File 1 Layout – Comma Separated
N/A

Input File Layout 2 – Tab Separated
N/A

Output File Layout – Fixed Width
N/A

Real-time Interaction with Other Applications:
N/A

Screens:
See “Screen Appearance” section.

Navigation:

1. Relationships (module) > Maintenance > Account Role Manager
2. Relationships (module) > Maintenance > Deposit Accounts > Account Role Manager

Screen Appearance:

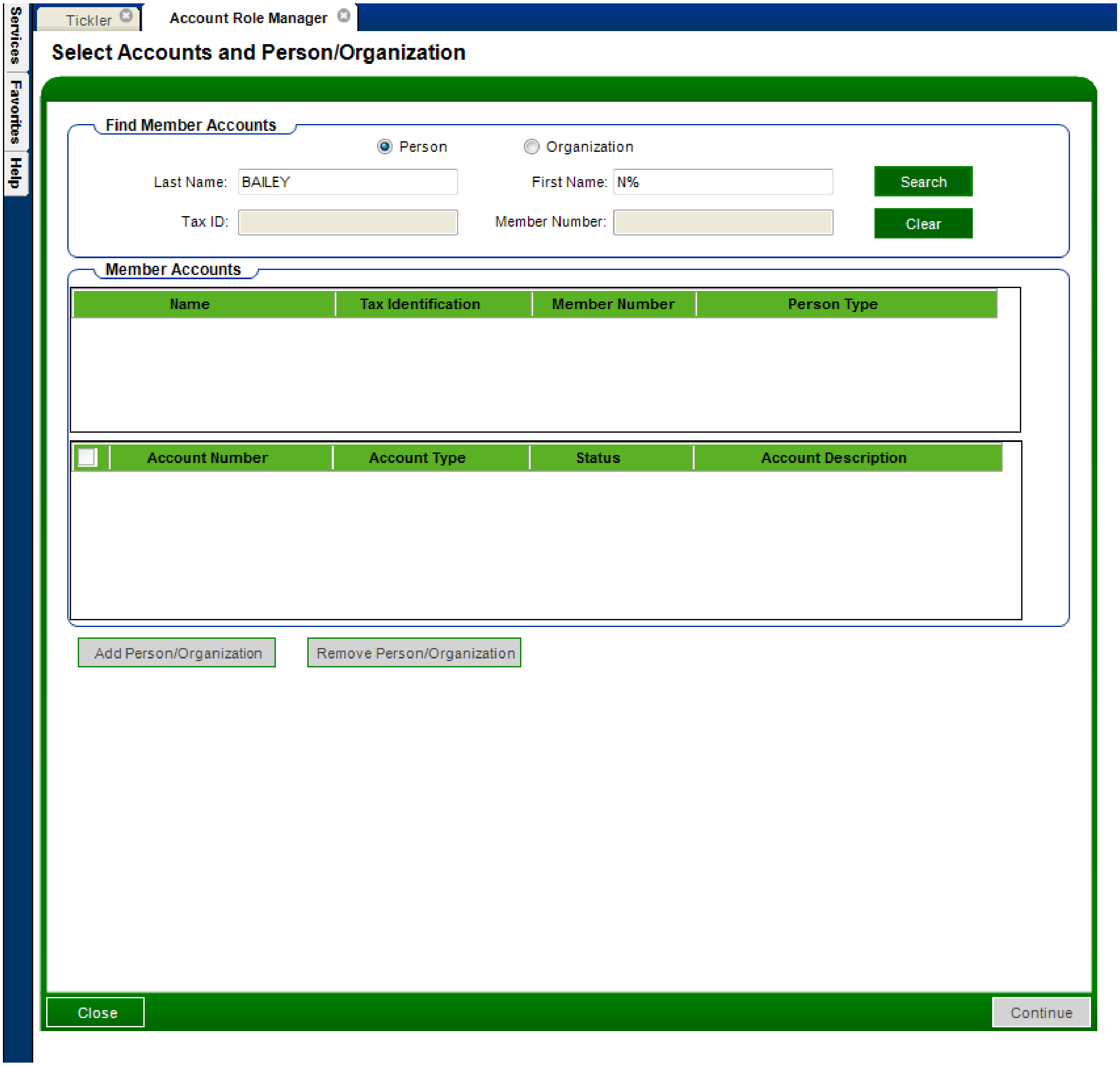

Fig 1: Application Screen Launched from Maintenance > Account Role Manager

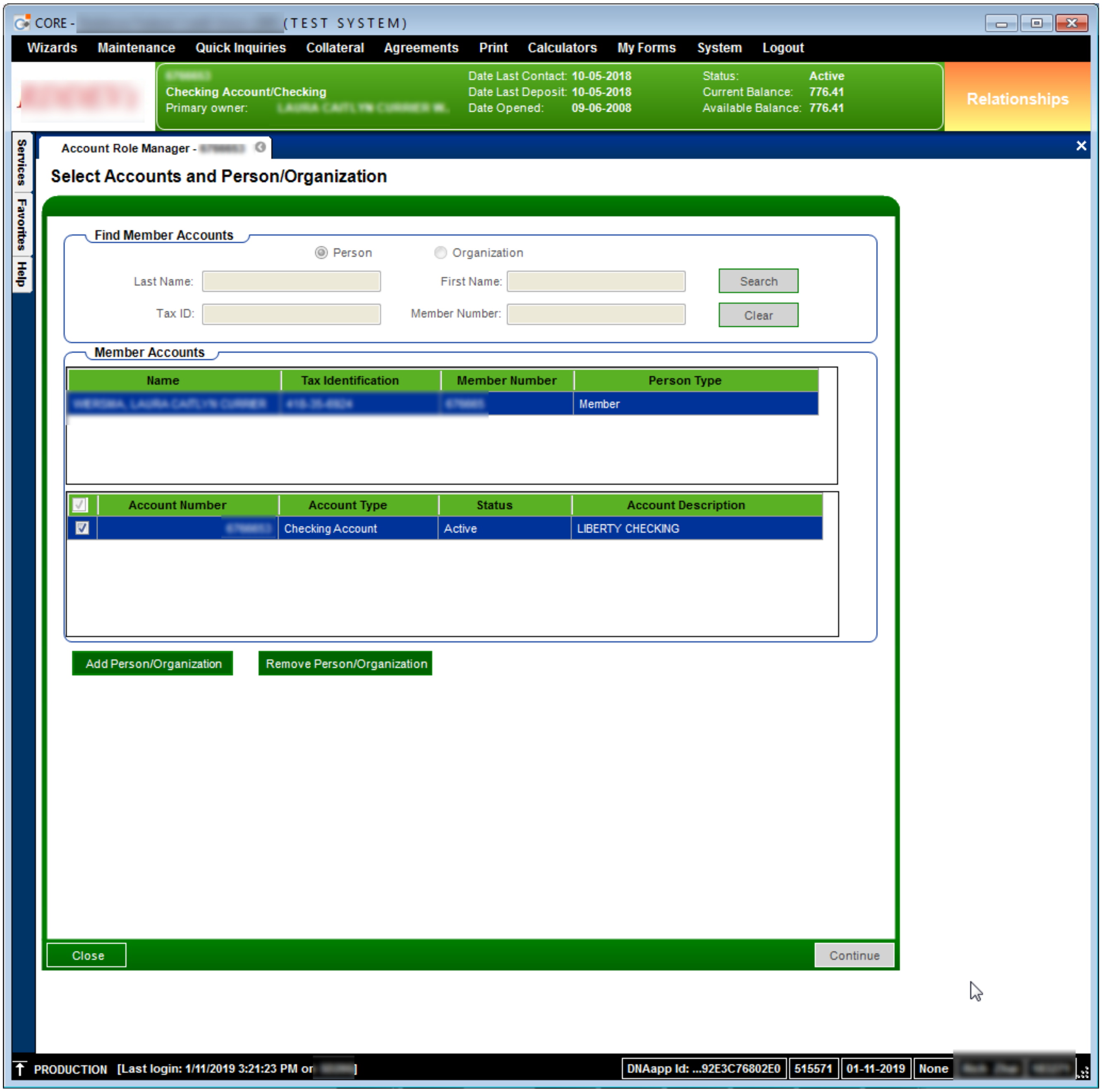

Fig 2: Application Screen Launched from Maintenance > Deposit Account > Account Role Manager

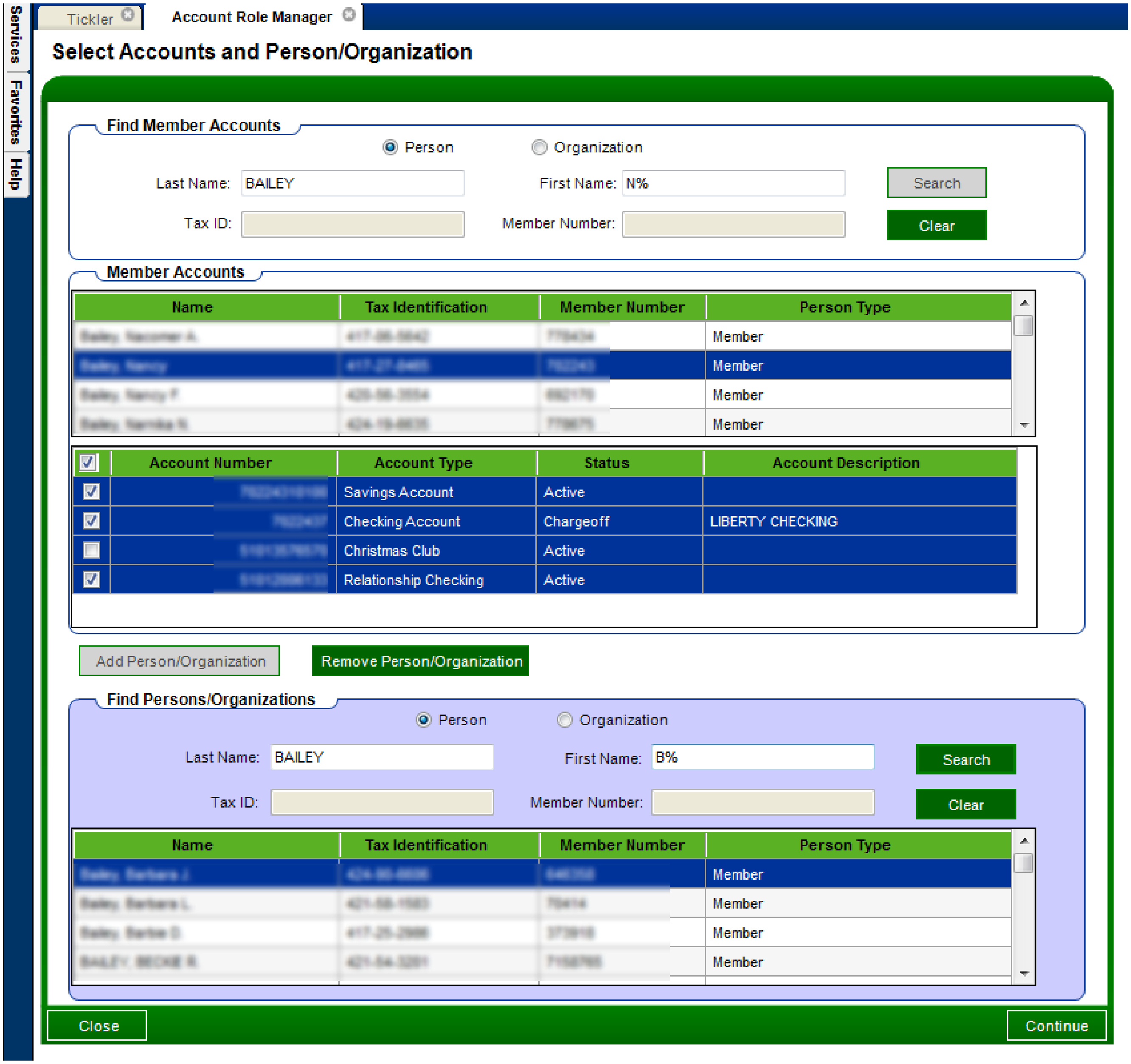

Fig 3: Member/Customer Accounts and Person/Organization search screen for adding roles

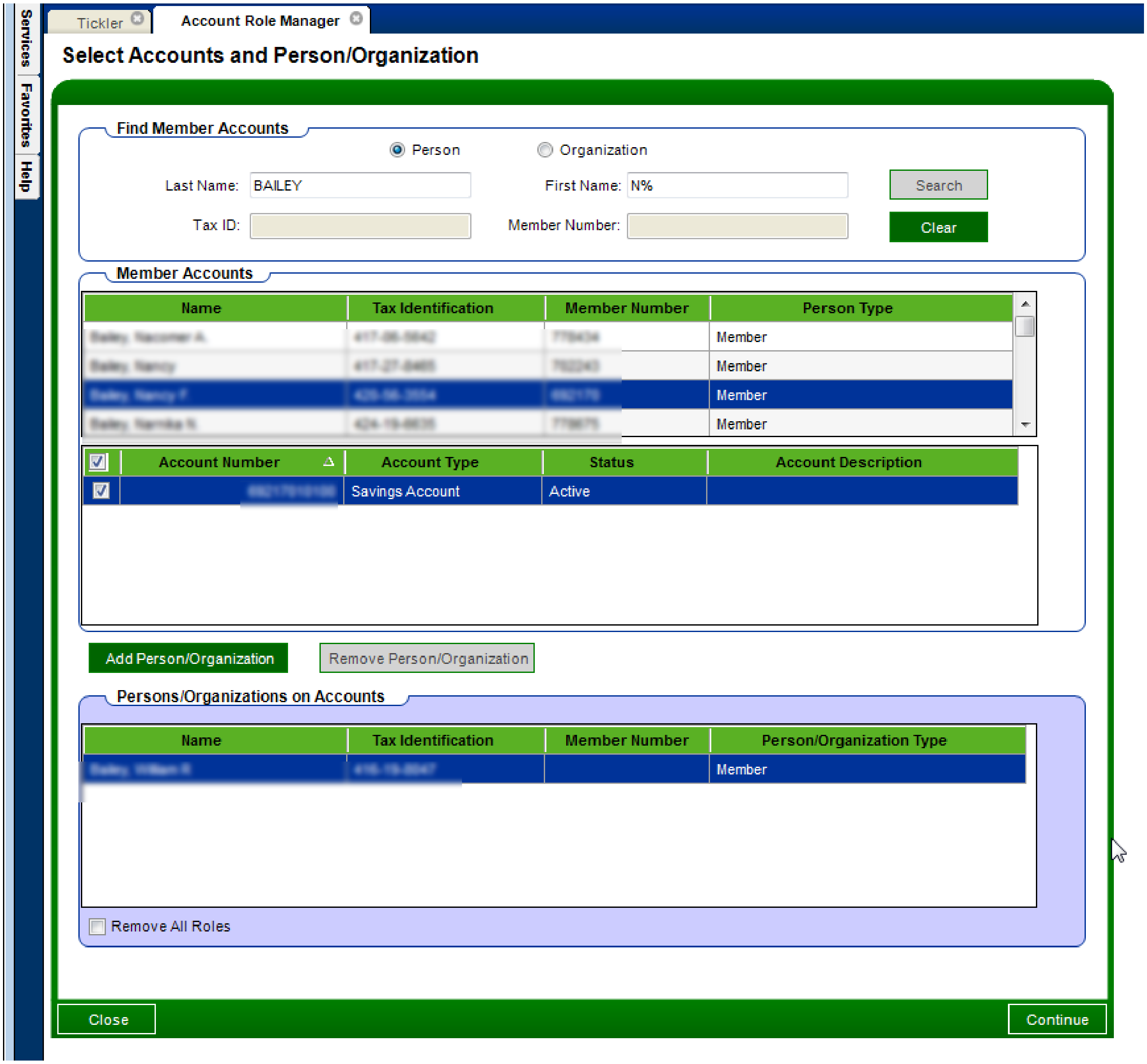

Fig 4: Member/Customer Accounts and Person/Organization search screen for removing roles

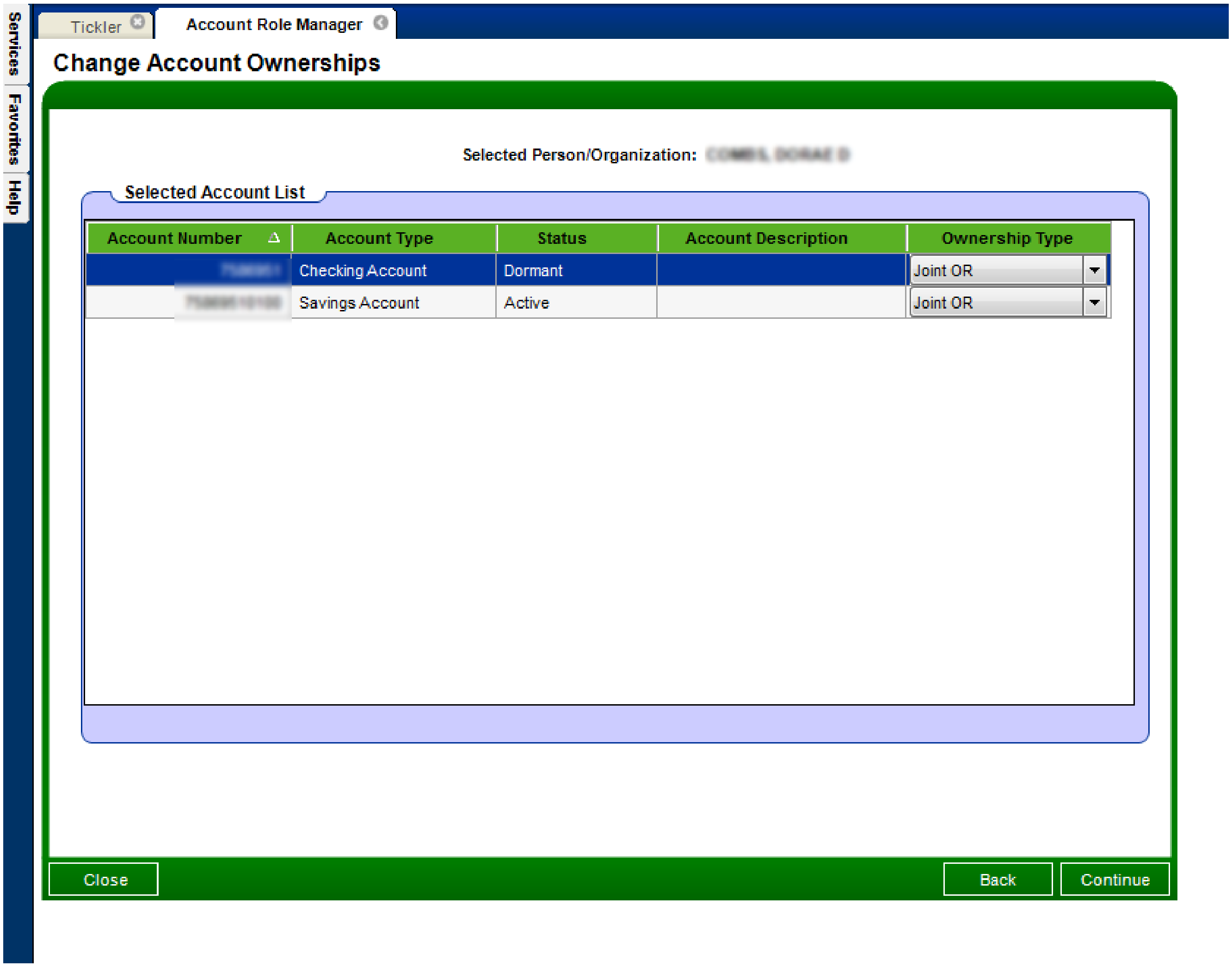

Fig 5: Change Account Ownership Screen

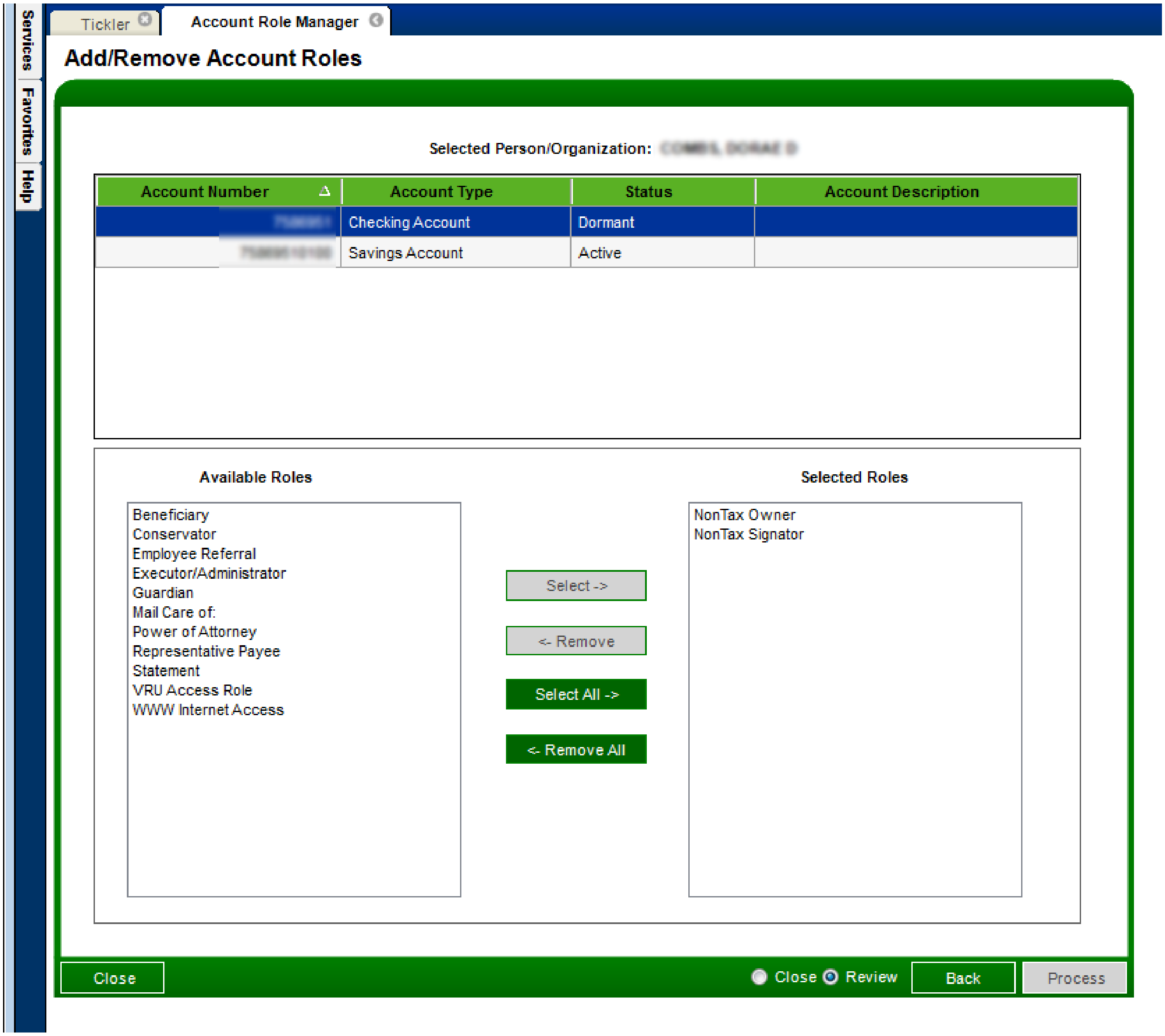

Fig 6: Add/Remove Roles to accounts for a selected person or organization screen

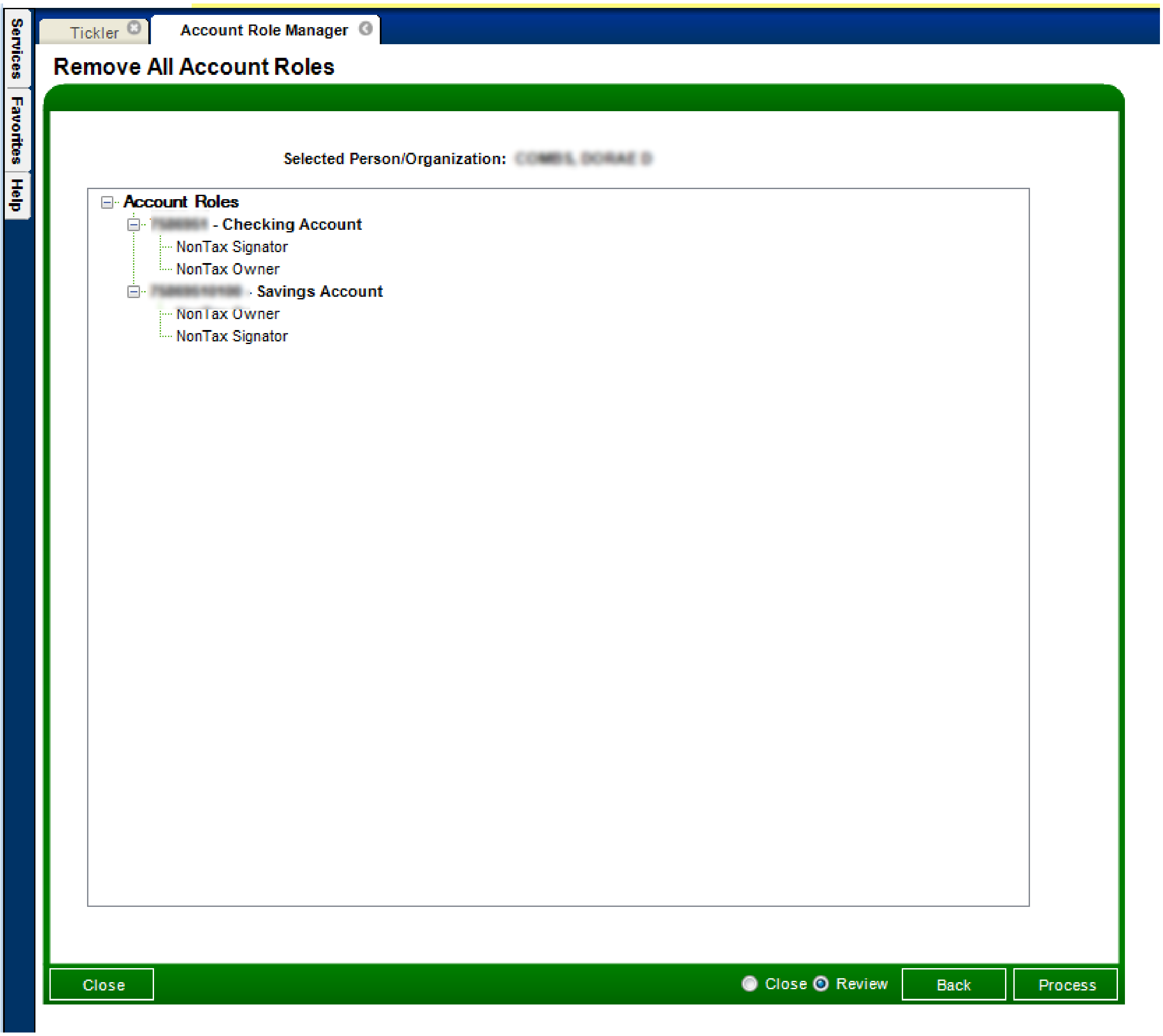

Fig 7: Removing All Roles from all selected accounts for selected person/organization

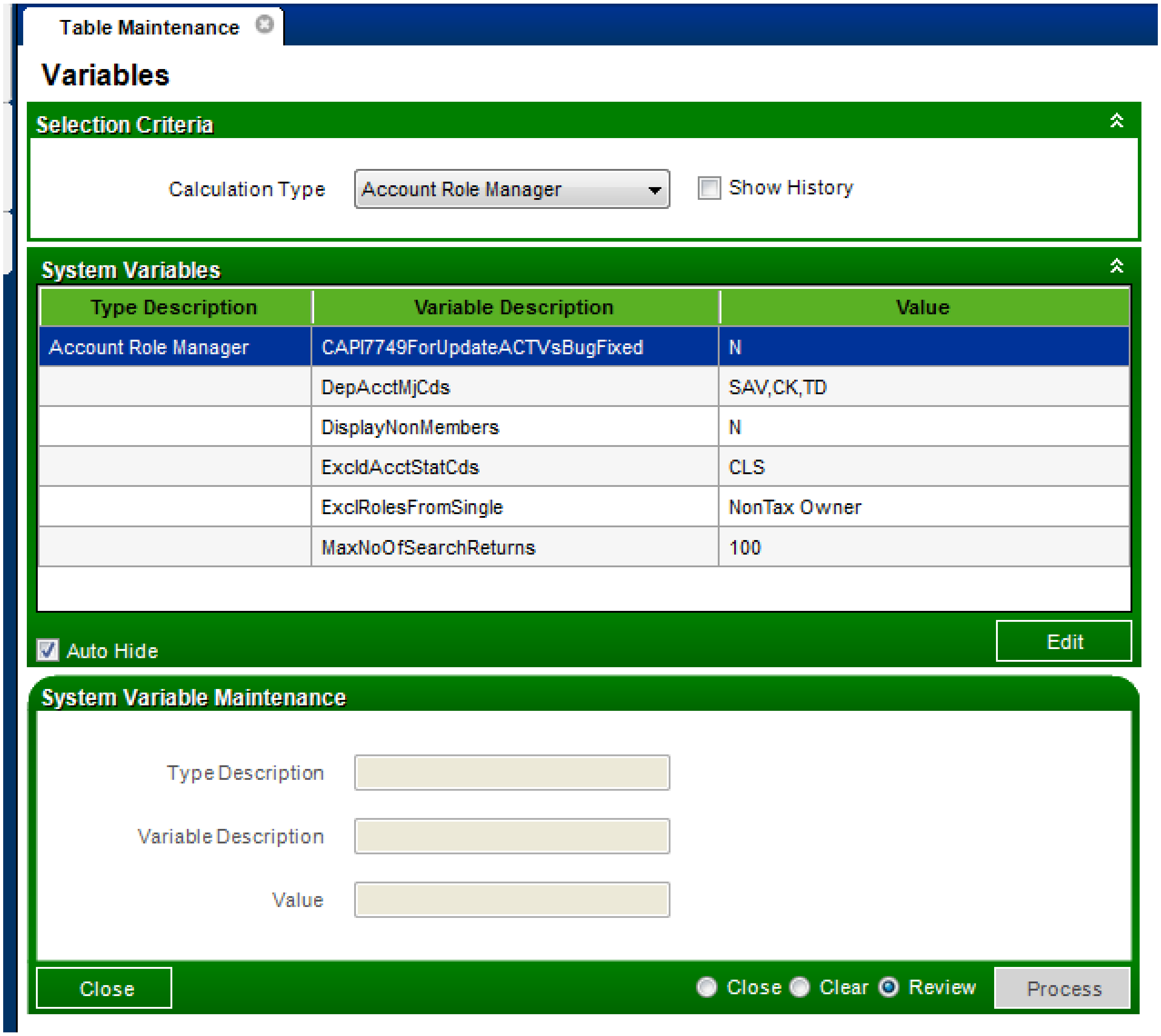

Fig 8: System variables and their default values

Fig 9: Warning message box indicating there are more records than the maximum allowed

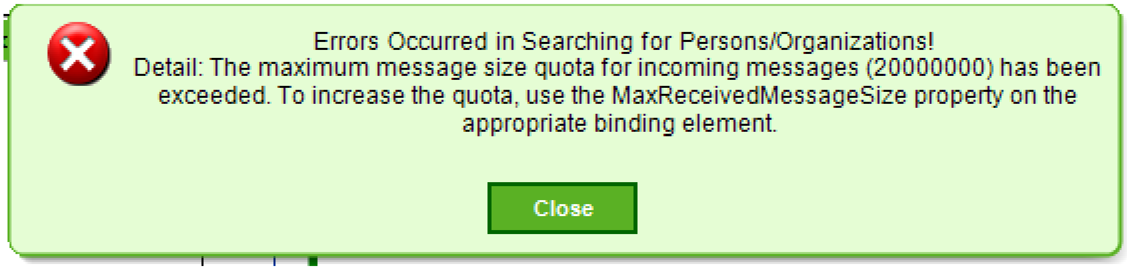

Fig 10: Error message box indicating the search returns too many records that exceeds the maximum size of received message. A refining of the search criteria is needed.

Fig 11: Warning message box indicating there is not member/customer found

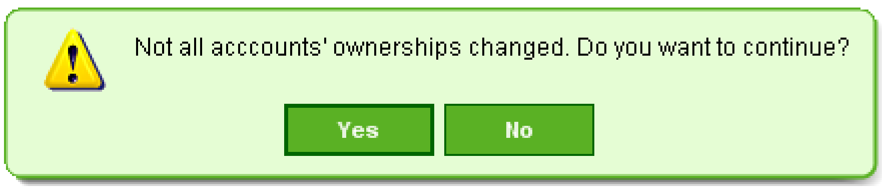

Fig 12: Warning message box indicating that not all account ownership types will be updated

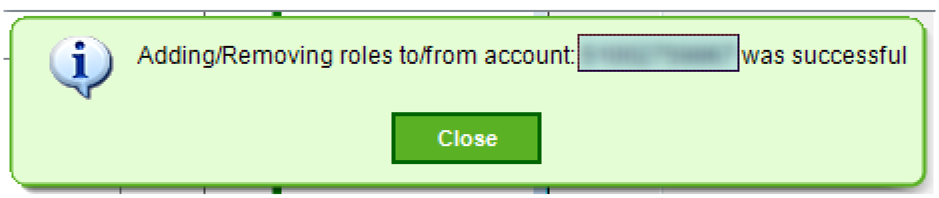

Fig 13: Informative message box indicating roles have been successfully added and/or removed

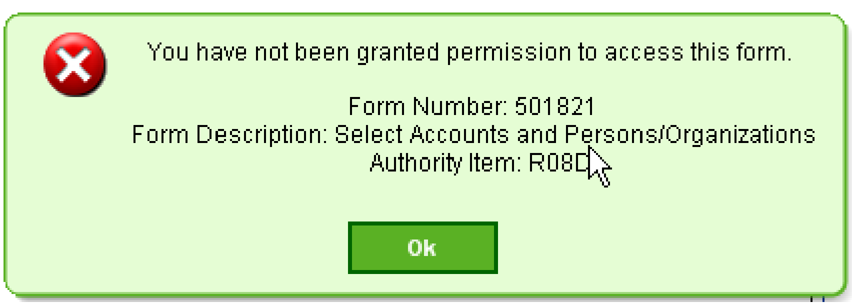

Fig 14: Error message box indicating the user does not have authorization to access this App

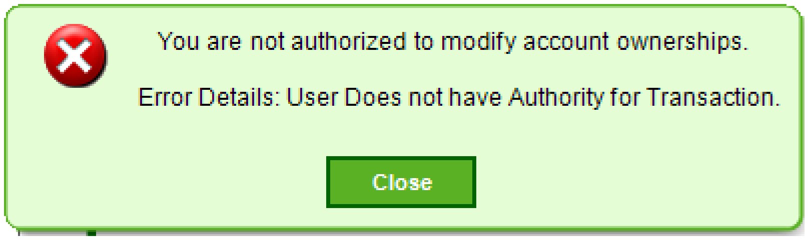

Fig 15: Error message box indicating the user does not have authorization to CoreAPI 7719 that is used to change account ownership types

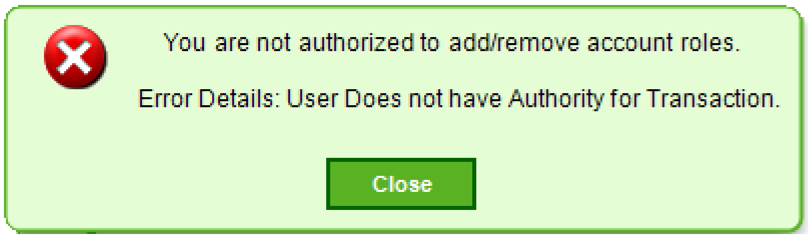

Fig 16: Error message box indicating the user does not have authorization to CoreAPI 7749 that is used to add/remove account roles for a person or organization

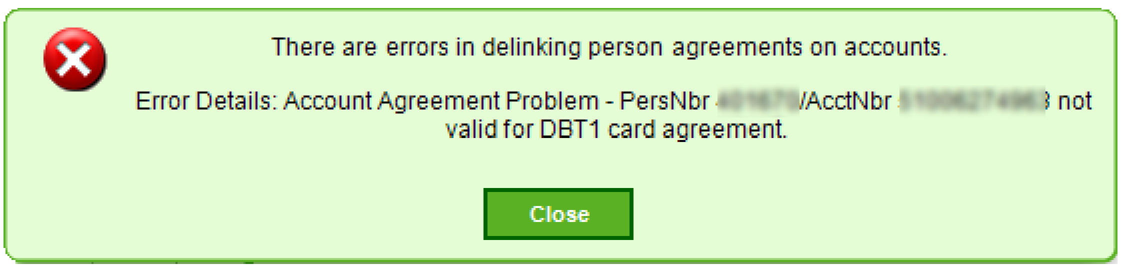

Fig 17: Error message box indicating there is an error to delink a person's agreements on accounts

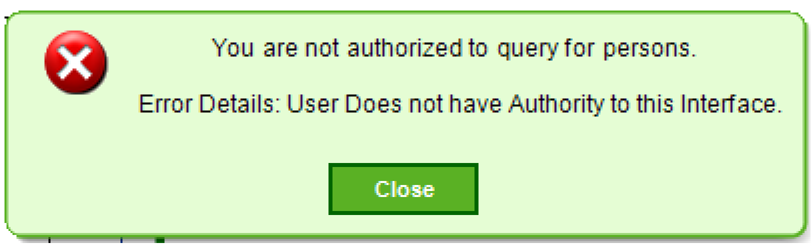

Fig 18: Error message box indicating the user does not have authorization to CoreAPI 7714 (CAPR7714) in fetching persons from DB

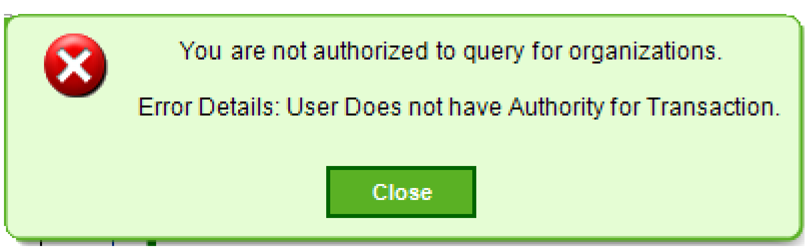

Fig 19: Error message box indicating the user does not have authorization to CoreAPI 7756 (CAPR7756) in fetching orgs from DB

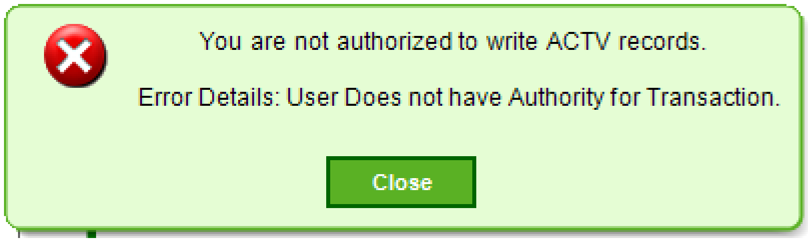

Fig 20: Error message box indicating the user does not have authorization to CoreAPI 7783 (CAPR7783) in updating ACTV records.

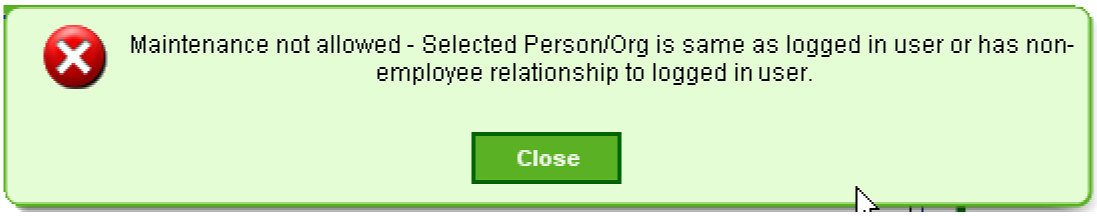

Fig 21: Error message box indicating selected person or organization is the same as or has non-employee relationship to logged in user.

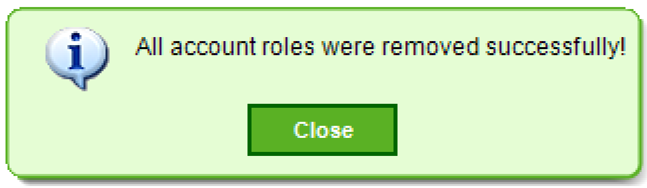

Fig 22: Informative message box indicating all account roles have been removed successfully.

Field Listing:

1. Select Accounts and Person/Organization Screen

Field	Description
Find Member/Customer Accounts and Find Persons/Organizations Panel	
Person radio button	Search natural person members/customers.
Organization radio button	Search organizational members/customers.
Last Name text field	Person’s last name search string. If a % is included, a wildcard search is performed.
First Name text field	Person’s first name search string. If a % is included, a wildcard search is performed.
Organization Name text field	Organization’s name search string. If a % is included, a wildcard search is performed.
Tax ID text field	Person’s or organization’s Tax ID search string. No wildcard search is allowed.
Member/Customer Number text field	Member/customer number search string. No wildcard search is allowed.
Search button	Perform search according to criteria specified by radio button and text boxes.
Clear button	Clear up all text boxes and grids if they are populated.
Member/Customer List Grid Headers	
Name	Person or Organization name. If person name, it is formatted as Last name, First name Middle Initial (ex. Doe, John B).
Tax Identification	Person’s or organization’s tax id, such as SSN. If it is a person’s SSN, it is formatted as xxx-xx-xxxx (ex. 123-45-6789); if it is an organization’s tax id, it is formatted as xx-xxxxxxx (ex. 12-3456789).
Member/Customer Number	Member number or customer number depending on the type of a financial institution.
Person/Organization Type	Person type such as Member or Customer or organization type such as Limited Liability Corporation
Member/Customer Accounts List Grid Headers	
Account Number	Account number
Account Type	Account minor type description, such as Easy Checking, Savings Account, etc.
Status	Account status, such as Active, Dormant etc.
Account Description	Description of account
Add Person/Organization Option	
Add Person/Organization button	Command button for finding a person or organization to add the selected account with certain account roles
Find Persons/Organizations panel	Appear and behave just like the Find Member Account search panel describe above.
Person/Organization List Grid Headers	Appear just like the **Member/Customer List Grid Headers**
Remove Person/Organization Option	

Field	Description
Remove Person/Organization button	Command button to find a list of persons or organization that have at least one account roles on selected accounts.
Person/Organization on Accounts Grid Headers	Appear just like the **Member/Customer List Grid Headers**
Remove All Roles Checkbox	The flag indicating if the user wants to remove all account roles from all selected accounts for the selected person/organization.
Frame Buttons	
Close	Close the screen without changing anything.
Continue	Move to next screen

2. **Change Account Ownerships Screen**

Field	Description
Selected Account List panel grid header	
Account Number	Account number
Account Type	Account minor type description, such as Relationship Checking, Savings Account, etc.
Status	Account status, such as Active, Dormant, etc.
Account Description	Descriptions of accounts
Ownership Type	Dropdown box lists all current account ownership and all possible ownership types available
Frame Buttons	
Close	Close the screen without changing anything.
Back	Go back to the previous screen
Continue	Move to next screen

3. **Add/Remove Account Roles Screen**

Field	Description
Selected Person/Organization	Display the person's or organization's name right after.
Selected Account List panel grid header	
Account Number	Account number
Account Type	Account minor type description, such as Relationship Checking, Savings Account, etc.
Status	Account status, such as Active, Dormant etc.
Account Description	Description of account
Available/Select Roles panels	
Available Roles	List of roles that can be added to the selected person or organization. It is a set of all roles that have not been associated with an account type.
Selected Roles	List of roles that the selected person has on the selected account.
Select -> button	Move roles from Available Roles to Selected Roles
Remove <- button	Move roles from Selected Roles to Available Roles
Select All -> button	Move all roles from Available Roles to Selected Roles

Field	Description
Remove All <- button	Move all roles from Selected Roles to Available Roles
Frame Buttons	
Close	Close the screen without changing anything.
Back	Go back to the previous screen
Process + Close	Process Add/Remove roles and close the App
Process + Review	Process Add/Remove roles without closing the App

4. Remove All Roles Screen

Field	Description
Selected Person/Organization	Display the person's or organization's name right after.
Account Role Tree view	
Root node	Account Roles
Sub node	Account number – Account Type (Account Minor Type Description) – Account Description
Leaf node	Account Role
Frame Buttons	
Back	Go back to the previous screen
Close	Close the screen without changing anything
Process + Close	Process removing all account roles and close the application
Process + Review	Maintain the screen after Process button is clicked

Additional Requirements:

- Fiserv DNA 4.3.2 or higher
- CoreAPI 2.2.0.4 or higher
- .NET Framework 4.5.2
- In Version 2.4.0.0, four configuration variables were removed and four screen names were changed. A fresh installation is strongly recommended.

Configuration Checklist:

Item	Test Environment	Production Environment
Variables		
Authcd		
AuthItem		

Revisions:

Date	App Version #	Change
01/2019	2.4.0.0	Fixed a bug in delinking agreement when to remove joint owner roles Removed four configuration variables Changed four screen display names Upgraded to DNA 4.3.2 and above A fresh installation is strongly recommended
04/2018	2.3.0.0	Fixed a bug in activities writing when removing single role Fixed a bug in searching by Person number in “BANK” mode option
05/2016	2.0.0.0	Added last search token memorization to Search screen and Close/Review options in Remove All Roles screen
11/2014	1.4.0.0	Fixed issues with draw account balance calculation
05/2014	1.3.0.0	Removed draw account limitations
07/2012	1.2.0.0	Change menu locations
06/2012	1.1.0.0	Added authorization to screen
09/2011	1.0.0.0	Application Created