



Contact Info Tracker

ConInfoMissNotif.dnax
DNAapp Id: A2349823-9F0D-47A0-864C-35545851E71E

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Overview:

The Contact Information DNAapp is an online application that allows the User to proactively review and monitor person records that have missing contact information, such as phone numbers and email addresses, along with being able to add and release warning flags for these records in real-time to help monitor these records that need attention.

This allows a Financial Institution an on-demand channel to always be able to track these outstanding person record issues without having to request and run batch reports, and possibly work off “dated” information from a previous night’s batch processing run.

Key Benefits:

The Contact Information DNAapp provides the Financial Institution with flexible setup, review, and simplified processing. Other benefits include:

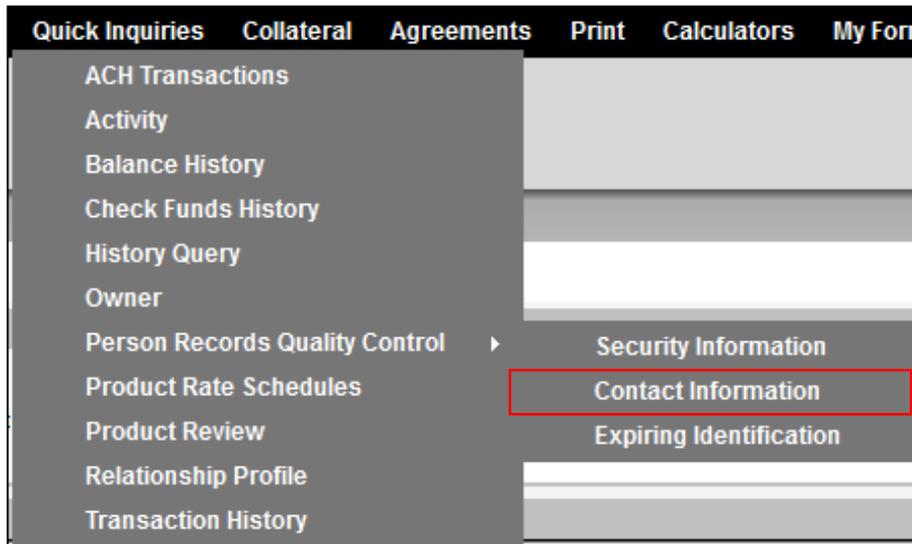
- The ability to query online for person records that need attention due to missing phone numbers and email addresses.
- Institution-level settings to set separate warning flag codes for each missing contact information condition (i.e. one for missing phone number, one for missing email address).
- Functionality to “mix/match” for the queries so a User may select one or both of the missing Contact Information values to query against.
- Ability to add warning flags on one, some, or all of the records that need attention with one-click functionality.
- Functionality to review and release warning flags if the person record has been updated with values for the missing data but the warning flag has not been released, and also to prevent warning flags from being released (via this app only) if the data is still missing/outstanding.
- Security controls that work with standard DNA authorizations to separate the screen functionality into query/review and query/review/flag maintenance, if desired.
- Full activity and audit tracking of warning flag placements and releases.
- Being able to monitor person record outstanding items and cleanup efforts in real-time via screen access, versus having to work off batch reports.

Processing:

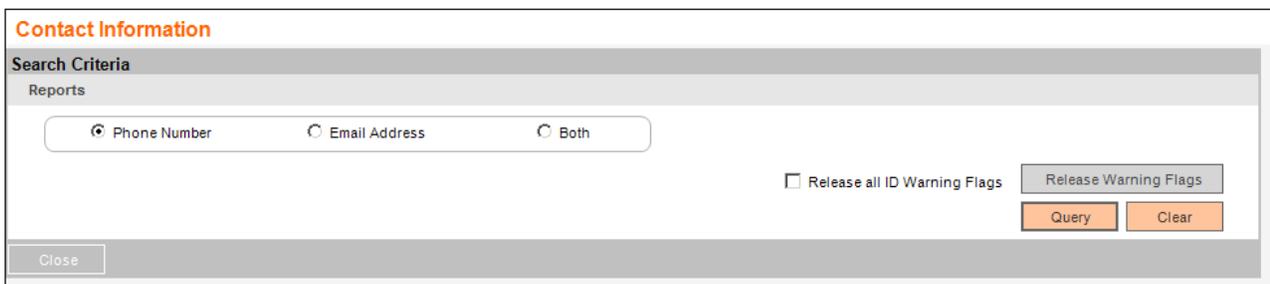
The Contact Information application is designed for Financial Institutions to utilize online functionality via a screen application.

To gain access to the Contact Information application, the User must be granted the “Relationship Profile” Authorization Item and the “PQAU – PersRecQualCtrl Notif App Auth” Authorization Profile to perform the adding and releasing of warning flags using this screen.

To first access the screen, the User will go to the Relationships Module > Quick Inquires > Person Records Quality Control and select the new menu Item called 'Contact Information'.



Upon selecting this item, the new screen will be presented. Below is the default view of the Contact Information screen when the User selects the menu item.



To create a query, the User will select whether they will search for Phone Number, Email Address or Both by selecting the appropriate radio button.

Once the User has selected their search criteria they will select the Query button to display the Records List. If there are no records found based on the criteria selected when the Query button is selected, the message "No records found." is displayed.

Contact Information

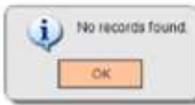
Search Criteria

Reports

Phone Number Email Address Both

Release all ID Warning Flags

Records List

Person Name	Person Number	Record Type	Existing Warning Flag	Add Warning Flag
				

1 of 1 Pages

The number of records displayed on the page is determined by the Records Per Page calculation variable. This variable can contain a value between 16 and 99 with the default set to 16 records per page. Based on the number of records displayed per page, a scroll bar may appear on the right side of the Records List to allow the User to see and work all records on that individual page.

Note: The default value of 16 is used for the examples within this section of the User Manual.

Note: Selection of the Both radio button to include Phone Number and Email Address for the Query will make response times longer, and this is largely dependent upon the financial institution's database size and performance. As the process is similar to a large Transaction History Query, the response time may take some time to retrieve the desired records.

If there are 16 records or less found based on the criteria selected when the Query button is selected, the Records List will bring back and display the first 16 records and will sort the list in alphabetical order by lower case Name.

Contact Information

Search Criteria

Reports

Phone Number
 Email Address
 Both

Release all ID Warning Flags

Records List

Person Name	Person Number	Record Type	Existing Warning Flag	Add Warning Flag
Aaron G. Surch	22769	Email Address	N	<input type="checkbox"/>
Aaron Grate	16874	Phone Number	Y	<input type="checkbox"/>
Aaron Grate	16874	Email Address	Y	<input type="checkbox"/>
Aaron J. Matthes	5476	Email Address	N	<input type="checkbox"/>
Aaron L. Gackenbach	1589	Email Address	N	<input type="checkbox"/>
Aaron R. Sims	24739	Email Address	N	<input type="checkbox"/>
Aaron Whipple	26994	Email Address	N	<input type="checkbox"/>
Aaron Zettlemoyer	12317	Email Address	N	<input type="checkbox"/>
Abc A. Kipple	25946	Email Address	N	<input type="checkbox"/>
Abc D. Balascak	24002	Phone Number	N	<input type="checkbox"/>
Abc D. Balascak	24002	Email Address	N	<input type="checkbox"/>
Abc Dwyer	8937	Email Address	N	<input type="checkbox"/>
Abc H. Krenicky	15200	Phone Number	N	<input type="checkbox"/>
Abc H. Krenicky	15200	Email Address	N	<input type="checkbox"/>
Abc H. Reabuck	3876	Email Address	N	<input type="checkbox"/>
Abc L. American	21152	Phone Number	N	<input type="checkbox"/>

1 of 1 Pages

If there are more than 16 records found, then once the User has selected their search criteria they will select the Query button to display a message “Search result found x,xxx records displaying in y,yyy pages.”, where the ‘y,yyy’ value is the ‘x,xxx’ value divided by 16 (the value in the Records Per Page calculation variable).



When the User clicks ‘OK’ to close the message, the data grid will show only the 1st page of the results which contain the first 16 records and will sort the list in alphabetical order by

lower case Name. Each page will contain 16 records and the number of pages displayed will depend on the number of records returned.

Contact Information

Search Criteria

Reports

Phone Number
 Email Address
 Both

Release all ID Warning Flags

Records List

Person Name	Person Number	Record Type	Existing Warning Flag	Add Warning Flag
Aaron G. Surch	22789	Email Address	Y	<input type="checkbox"/>
aaron grafe	18874	Phone Number	Y	<input type="checkbox"/>
aaron grafe	18874	Email Address	Y	<input type="checkbox"/>
Aaron J. Matthea	5478	Email Address	Y	<input type="checkbox"/>
aaron l. gackenbach	1589	Phone Number	Y	<input type="checkbox"/>
aaron l. gackenbach	1589	Email Address	Y	<input type="checkbox"/>
Aaron R. Sims	24739	Email Address	Y	<input type="checkbox"/>
Aaron Whipple	26994	Email Address	Y	<input type="checkbox"/>
aaron zettlemoyer	12317	Email Address	Y	<input type="checkbox"/>
Abc A. Kipple	25948	Email Address	Y	<input type="checkbox"/>
Abc D. Balascek	24082	Phone Number	Y	<input type="checkbox"/>
Abc D. Balascek	24082	Email Address	Y	<input type="checkbox"/>
abc dwyer	8937	Email Address	Y	<input type="checkbox"/>
abc h. reabuck	3876	Email Address	Y	<input type="checkbox"/>
Abc L. American	21152	Phone Number	Y	<input type="checkbox"/>
Abc L. American	21152	Email Address	Y	<input type="checkbox"/>

1 of 1,027 Pages

If multiple pages are returned, the User can access the pages by doing one of the following:

- Click an arrow (>) to go to the next page.
- Click an arrow (>>) to go to the last page.
- Click an arrow (<) to go to the previous page.
- Click an arrow (<<) to go to the first page.
- Input the number in the text box of the paging control field, select the Tab or Enter key, and the User will be brought to that specific page directly.

Once the User selects the page they wish to work, they can add warning flags to the specified Person Records.

Contact Information

Search Criteria

Reports

Phone Number
 Email Address
 Both

Release all ID Warning Flags

Records List

Person Name	Person Number	Record Type	Existing Warning Flag	Add Warning Flag
Beck T. Mohr	13830	Email Address	Y	<input type="checkbox"/>
Bedco A. Ludvico	15759	Phone Number	Y	<input type="checkbox"/>
Bedco A. Ludvico	15759	Email Address	Y	<input type="checkbox"/>
Bedco B. Schofield JR	4703	Email Address	Y	<input type="checkbox"/>
Bedco Ginther	10054	Email Address	Y	<input type="checkbox"/>
Bedco Semonet	26349	Phone Number	Y	<input type="checkbox"/>
Bedco Semonet	26349	Email Address	Y	<input type="checkbox"/>
Bedco T. Platt	24320	Email Address	Y	<input type="checkbox"/>
Bedco Y. Hutnik	22000	Phone Number	Y	<input type="checkbox"/>
Bedco Y. Hutnik	22000	Email Address	Y	<input type="checkbox"/>
BELNDA A. Norton	4919	Email Address	Y	<input type="checkbox"/>
BELNDA E. Brooke	10575	Email Address	Y	<input type="checkbox"/>
BELNDA J. Rasser	16096	Phone Number	Y	<input type="checkbox"/>
BELNDA J. Rasser	16096	Email Address	Y	<input type="checkbox"/>
BELNDA L. Strammel	24436	Phone Number	Y	<input type="checkbox"/>
BELNDA L. Strammel	24436	Email Address	Y	<input type="checkbox"/>

Note: If Record has previously been flagged, the Existing Warning Flag column will display a “Y”. If Record has not been flagged yet the field value will be “N”.

To add a warning flag to one or more Person Records, the User may select the checkbox located in the column header under 'Add Warning Flag' to select all Person Records on that page or select individual Person Records by selecting the checkbox on a given row.

The screenshot shows the 'Contact Information' interface. At the top, there is a 'Search Criteria' section with radio buttons for 'Phone Number', 'Email Address', and 'Both'. Below this are buttons for 'Release Warning Flags', 'Query', and 'Clear'. A 'Records List' table is displayed below, with columns for 'Person Name', 'Person Number', 'Record Type', 'Existing Warning Flag', and 'Add Warning Flag'. The 'Add Warning Flag' column contains checkboxes for each row. The second row, 'Abc D. Balsacai', has its checkbox checked. At the bottom right of the table area, there is an 'Add Warning Flag' button.

Person Name	Person Number	Record Type	Existing Warning Flag	Add Warning Flag
Aaron Grote	16674	Phone Number	N	<input type="checkbox"/>
Abc D. Balsacai	24002	Phone Number	N	<input checked="" type="checkbox"/>
Abc H. Krenicky	15200	Phone Number	N	<input type="checkbox"/>
Abc L. American	21152	Phone Number	N	<input type="checkbox"/>
Abdalah R. Dedreased	23185	Phone Number	N	<input type="checkbox"/>
Abdalah Steats	18608	Phone Number	N	<input type="checkbox"/>
Abigail Geats	19825	Phone Number	N	<input type="checkbox"/>
Abigail T. Hre	25327	Phone Number	N	<input type="checkbox"/>
Abraham M. Elason	25372	Phone Number	N	<input type="checkbox"/>
Abraham R. Hartrey	19999	Phone Number	N	<input type="checkbox"/>
Abraham T. Deleon	13819	Phone Number	N	<input type="checkbox"/>
Accounting H. Saffio	7757	Phone Number	N	<input type="checkbox"/>
Accounting J. Rawlings	20354	Phone Number	N	<input type="checkbox"/>
Accounting P. Townsend	14415	Phone Number	N	<input type="checkbox"/>
Accounting Zaccone	25554	Phone Number	N	<input type="checkbox"/>
Ada Fabian	21222	Phone Number	N	<input type="checkbox"/>

Note: The “Add Warning Flag” button will only be enabled after at least one Add Warning Flag checkbox has been selected.

Once the records are selected, the User will select the Add Warning Flag button. A message will be triggered “Are you sure you want to flag xx Person Records?”

The screenshot shows the 'Contact Information' interface. At the top, there are search criteria options: 'Phone Number' (selected), 'Email Address', and 'Both'. Below this is a 'Records List' table with columns: Person Name, Person Number, Record Type, Existing Warning Flag, and Add Warning Flag. A dialog box is overlaid on the table, asking 'Are you sure you want to flag 1 Person Records?' with 'Yes' and 'No' buttons.

Person Name	Person Number	Record Type	Existing Warning Flag	Add Warning Flag
Aaron Grate	16874	Phone Number	N	<input type="checkbox"/>
Abc D. Balacak	24002	Phone Number	N	<input checked="" type="checkbox"/>
Abc H. Krenicky	15200	Phone Number		
Abc L. American	21152	Phone Number		
Abdulah R. Deceased	23185	Phone Number		
Abdulah Sheats	18608	Phone Number		
Abigail Geake	19825	Phone Number	N	<input type="checkbox"/>
Abigail T. Hra	25327	Phone Number	N	<input type="checkbox"/>
Abraham M. Elason	25372	Phone Number	N	<input type="checkbox"/>
Abraham R. Hartney	19999	Phone Number	N	<input type="checkbox"/>
Abraham T. Delean	13819	Phone Number	N	<input type="checkbox"/>
Accounting H. Saffici	7757	Phone Number	N	<input type="checkbox"/>
Accounting J. Rawlings	20354	Phone Number	N	<input type="checkbox"/>
Accounting P. Townsend	14415	Phone Number	N	<input type="checkbox"/>
Accounting Zaccone	25554	Phone Number	N	<input type="checkbox"/>
Adie Fabian	21222	Phone Number	N	<input type="checkbox"/>

The User will select the Yes button to add the warning flags to the Person Records.

The corresponding warning flag as defined by the No Phone Warning Flag Code or No Email Warning Flag Code calculation variables will be added to the Person Record.

The User will be returned to the Contact Information screen.

This screenshot shows the 'Contact Information' interface with search criteria set to 'Phone Number'. It includes buttons for 'Release Warning Flags', 'Query', and 'Clear'. A 'Close' button is also visible at the bottom left.

Note: If there are more than 16 records (value based on Records Per Page calculation variable) returned, there will be multiple pages and the User will work one page at a time. If the checkbox is checked in the column header under the 'Add Warning Flag' on the first page, it will not select all of the records returned, it will only select all of the records on that specific page.

Note: If the User selects one or more of the Add Warning Flag checkboxes on the page displayed and does not click the Add Warning Flag button but then chooses to select another page, the checkboxes will be cleared. When the User returns to the original page they were working, the checkboxes are unchecked.

An online report is available which will display all Person Records that have been flagged (Existing Warning Flag = Y). The Contact Information Warning Flag Placement Report will be triggered when selected from the Reports menu.

Contact Information

Search Criteria

Reports

- Contact Information Warning Flag Placement Report Both
- Contact Information Warning Flag Release Report
- Contact Information Extract

Release all ID Warning Flags

Once selected, the online report will display on the screen.

Bank: Anywhere Financial Contact Information Warning Flag Placement Report Run Date: 05-02-2016
 Report: CONINFOMISSWARN Post Date: 05-02-2016
 Page: 1 of 1

Person Number	Person Name	Warning Flag	Effective Date
13819	Abraham T. Deleon	No Email Warning Flag Code	02-03-2016
15131	AMY J. Demko	No Phone Warning Flag Code	02-03-2016
15200	Abc H. Krenicky	No Email Warning Flag Code	02-03-2016
15200	Abc H. Krenicky	No Phone Warning Flag Code	02-03-2016
16089	ALYSON W. Beahm	No Email Warning Flag Code	02-03-2016
16089	ALYSON W. Beahm	No Phone Warning Flag Code	02-03-2016
16874	Aaron Grate	No Phone Warning Flag Code	02-03-2016
19825	Abigail Geake	No Email Warning Flag Code	02-03-2016
19999	Abraham R. Hartney	No Email Warning Flag Code	02-03-2016
21052	AMY F. Igoe III	No Email Warning Flag Code	02-03-2016
21052	AMY F. Igoe III	No Phone Warning Flag Code	02-03-2016
22293	ALYSON L. Reduzzi	No Email Warning Flag Code	02-03-2016
22293	ALYSON L. Reduzzi	No Phone Warning Flag Code	02-03-2016
23938	AMY L. Ryiko	No Phone Warning Flag Code	02-03-2016
24002	Abc D. BalascaK	No Phone Warning Flag Code	02-03-2016

Report Totals
 Total Number of Warning Flags Added: 15

Note: The specific warning flags that will be placed on the Person Records must be defined in the Calculation Variable setup. The respective Warning Flag codes must be entered in the No Email Warning Flag Code and No Phone Warning Flag Code calculation variables.

Type Description	Variable Description	Value
Person Records Quality Control	Description to Exclude	
	No Email Warning Flag Code	NEML
	No Phone Warning Flag Code	NPHN
	Records Per Page	16

To Release the Warning Flags, the User will first select the desired radio button and then check the Release all ID Warning Flags checkbox:

Once both are selected, the User will then click the Release Warning Flags button.

The Person Warning Flags will be released in the following cases:

1. If the Phone Number radio button is selected, then the Primary Phone Number field on the Person Record must have a value for the corresponding warning flag to be released.
2. If the Email Address radio button is selected, then the Email Address field on the Person Record must have value for the corresponding warning flag to be released.
3. If the Both radio button is selected, then any of the two cases as described above must to be met for the corresponding warning flag to be released.

The Contact Information Warning Flag Release Report will be triggered when selected from the Reports menu item.

This online report will show the Person Records that have had their warning flags inactivated.

Bank: Anywhere Financial Contact Information Warning Flag Release Report Run Date: 05-03-2016
 Report: CONINFOMISSRELEASE Post Date: 05-03-2016
 Page: 1 of 1

Person Number	Person Name	Warning Flag	Inactive Date
16089	ALYSON W. Beahm	No Phone Warning Flag Code	05-03-2016
24435	ALYSON C. Roland	No Phone Warning Flag Code	05-03-2016

Report Totals
 Total Number of Warning Flags Released: 2

Application Messages:

After the User selects the criteria and clicks the Query button, a message “No records found.” is displayed if there are no records that match the selection criteria.

After the User selects the criteria and clicks the Query button, a message is displayed, "Search result found x,xxx records displaying in y,yyy pages." This message is to inform the User of the number of records and pages that will be displayed. The number of records displayed is determined by the value of the Records Per Page calculation variable.



After the Add Warning Flag checkbox is selected for all Person Records the User wishes to flag they will select the Add Warning Flag button. When the User selects the button a message will display, "Are you sure you want to flag [x] Person Records?"

Contact Information					
				Query	Clear
Close					
Records List					
Person Name	Person Number	Record Type	Existing Warning Flag	Add Warning Flag	
ALYSON C. Roland	24435	Phone Number	N	<input type="checkbox"/>	
ALYSON L. Reduzzi	22293	Phone Number		<input checked="" type="checkbox"/>	
ALYSON W. Beahm	16089	Phone Number		<input type="checkbox"/>	
AMY F. Igoe III	21052	Phone Number		<input type="checkbox"/>	
AMY J. Demko	15131	Phone Number		<input type="checkbox"/>	
AMY L. Rytko	23938	Phone Number	N	<input type="checkbox"/>	
Aaron Grate	16874	Phone Number	N	<input type="checkbox"/>	

Are you sure you want to flag 1 Person Records?

Yes No

If the Core API 7772 has not been assigned to the User’s auth profile and the User selects the Add Warning Flag button and attempts to add warning flags to the selected person records a message will be triggered: "The Warning Flags could not be added. User Does not have Authority to this Interface."

The screenshot shows a window titled "Contact Information" with "Query" and "Clear" buttons. Below is a "Records List" table:

Person Name	Person Number	Record Type	Existing Warning Flag	Add Warning Flag
ALYSON C. Roland	24435	Phone Number	N	<input checked="" type="checkbox"/>
ALYSON L. Reduzzi	22293			
ALYSON W. Beahm	16089			
AMY F. Igoe III	21052			
AMY J. Demko	15131			
AMY L. Rylko	23938	Phone Number	N	<input type="checkbox"/>

An error message box is overlaid on the table, containing the text: "The Warning Flags could not be added. User Does not have Authority to this Interface." with an "OK" button.

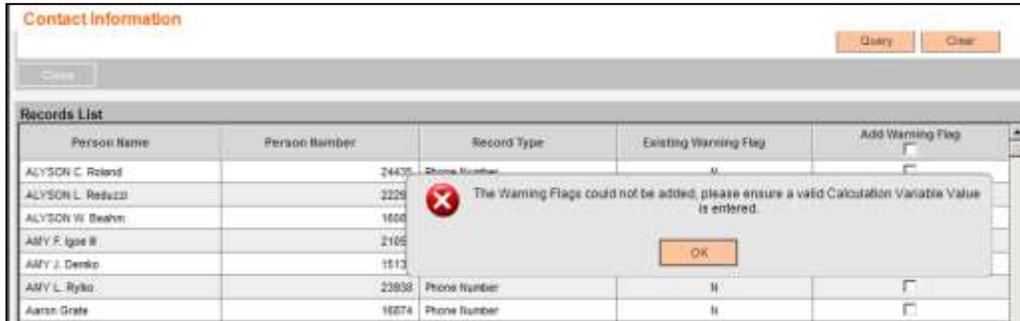
If the Core API 7772 is assigned to the User’s auth profile but does not have the needed auth permissions and selects the Add Warning Flag button and attempts to add warning flagsto the selected person records a message will be triggered: "The Warning Flags could not be added. User Does not have Authority for Transaction."

The error message dialog box contains the text: "The Warning Flags could not be added. User Does not have Update Authority for Transaction." with an "OK" button.

If a User attempts to add a warning flag to a person record when a value has been set for the No Phone Warning Flag Code or No Email Warning Flag Code calculation variables that does not match a valid warning flag code in the Warning Flag table, a message will be triggered: "The Warning Flags could not be added. Invalid WarnFlagCd Provided in Request."

The error message dialog box contains the text: "The Warning Flags could not be added. Invalid WarnFlagcd Provided In Request" with an "OK" button.

If a User attempts to add a warning flag to a person record when multiple values have been set for the No Phone Warning Flag Code or No Email Warning Flag Code calculation variables a message will be triggered: "The Warning Flags could not be added, please ensure a valid Calculation Variable Value is entered."



If a User selects the Phone Number radio button and the No Phone Warning Flag Code calculation variable is null, when the User selects the Query button, a message will be triggered: "Invalid WarnFlagcd Provided In Request."



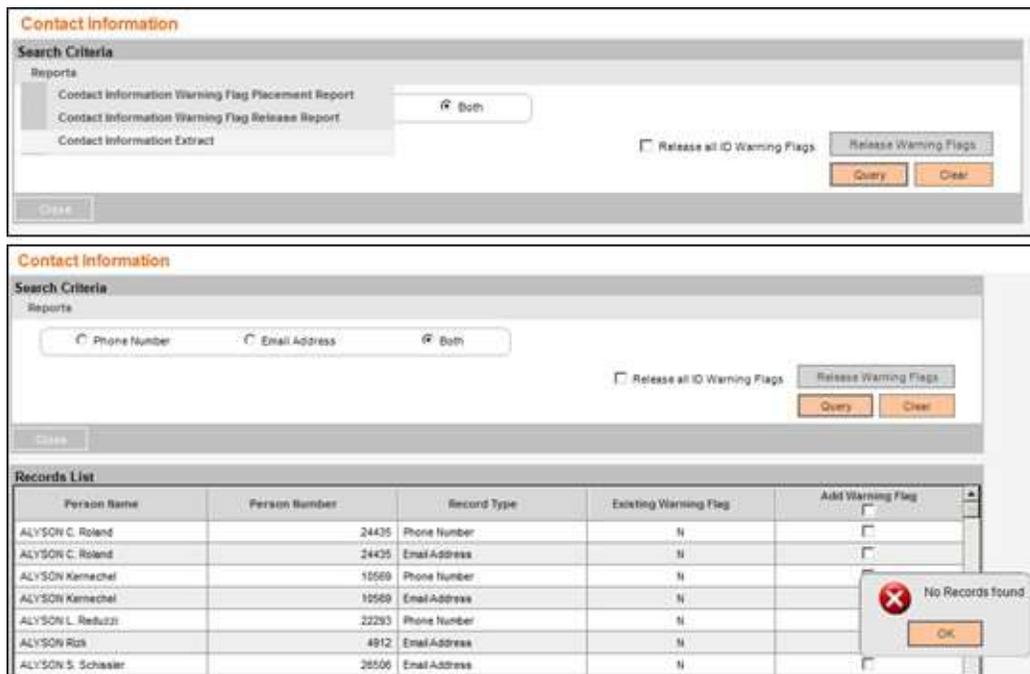
If a User selects the Email Address radio button and the No Email Warning Flag Code calculation variable is null, when the User selects the Query button, a message will be triggered: "Invalid WarnFlagcd Provided In Request."



If a User selects the Both radio button and the No Phone Warning Flag Code or No Email Warning Flag Code calculation variable is null, when the User selects the Query button, a message will be triggered: "Invalid WarnFlagcd Provided In Request."



If a User attempts to trigger the Contact Information Extract when there are no applicable records, a message will be triggered when the menu item is selected, the message will read "No Records Found."



If a User who does not have access to Core API 7772 selects the Release Warning Flags button and attempts to release warning flags a message will be triggered: "The Warning Flags could not be released. User Does not have Authority to this Interface."



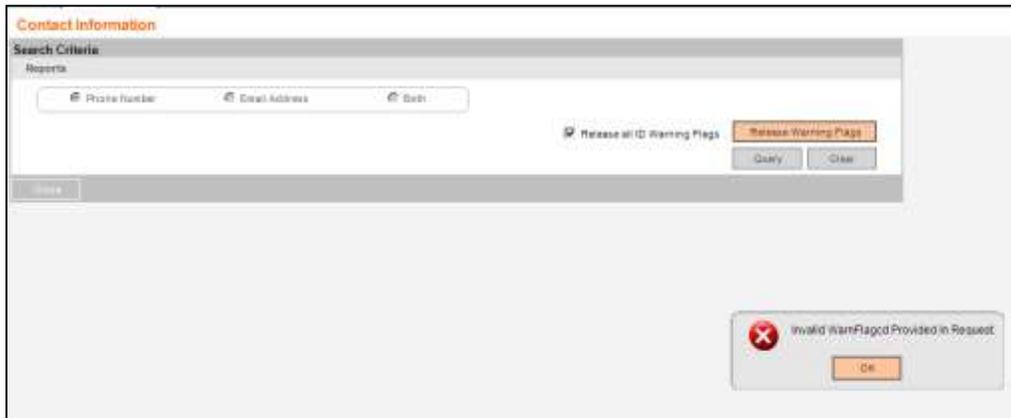
If the Core API 7772 is assigned to the User's auth profile but does not have the needed auth permissions and selects the Release Warning Flags button and attempts to release the warning flags, a message will be triggered: "The Warning Flags could not be added. User Does not have Authority for Transaction."



If a User selects the Release Warning Flags button, and no warning flags fit the criteria to be released, message will be triggered: "There are no warning flags that meet the criteria to be released".



If the User attempts to release the warning flags when the Phone Number radio button is selected and the No Phone Warning Flag Code calculation variable is null, a message will be triggered: "Invalid WarnFlagcd Provided In Request."

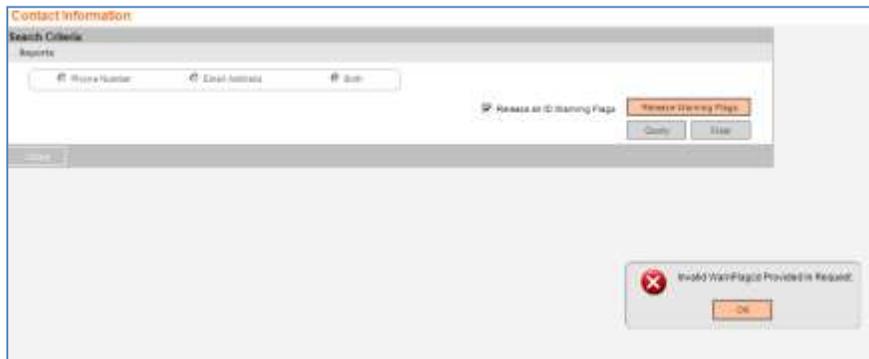


If the User attempts to release the warning flags when the Email Address radio button is selected and the No Email Warning Flag Code calculation variable is null, a message will be triggered: "Invalid WarnFlagcd Provided In Request."



If the User attempts to release the warning flags when the Both radio button is selected and

the No Phone Warning Flag Code or No Email Warning Flag Code calculation variable is null, a message will be triggered: "Invalid WarnFlagcd Provided In Request."



When the Release Warning Flag button is selected, a message will display “Are you sure you want to Release all previously flagged Person Records?” Y/N



When a value of less than 16 or greater than 99 is entered in the Records Per Page calculation variable, when the User tries to access the Contact Information screen, a message is displayed: “The Records could not be retrieved, please ensure the Calculation Variable Value for Records Per Page is between 16 and 99.”



Variables

In order for this App to be customized for different Financial Institutions, a set of Configuration Variables has been created with default values populated into the database. A Financial Institution can assign different values according to its system settings.

Calculation Categories:

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

Calculation Category Code	Description
PRQC	Person Records Quality Control

Calculation Types:

An Institution level calculation type is required to associate the variables to the application. The following calculation type is used for that purpose.

Calculation Category Code	Calculation Type Code	Description (how used)	MjMiYN
PRQC	PRQC	Person Records Quality Control	N

Calculation Variables:

The following Institution level calculation variables are required for the application. They are populated within the 'PRQC' calculation type.

Variable	Code	Description (how used)	Data Type	Default
No Email Warning Flag Code	NEMW	Warning flag code used to flag a person record with no email address. User defined value. If person record has the defined flag, the "Existing Warning Flag" field will display "Y". NOTE: The warning flag must be marked as a Person Warning Flag.	STR	<null>

Variable	Code	Description (how used)	Data Type	Default
No Phone Warning Flag Code	NPHW	Warning flag code used to flag a person record with no phone number. User defined value. If person record has the defined flag, the "Existing Warning Flag" field will display "Y". NOTE: The warning flag must be marked as a Person Warning Flag.	STR	<null>
Description to Exclude	DCEX	User will place one value in field. If the value entered is present in a Person Name field that is a part of the query it will not be displayed in the query results. This is an optional feature that allows the FI to exclude records that may have been inactivated or purged.	STR	<null>
Records Per Page	RDPP	This value will determine the number of records displayed per page on the Contact Information screen. The value entered must be between the values of 16 to 99 with 16 the minimum and 99 the maximum value entered. If a value of less than 16 or greater than 99 is entered, when the User tries to access the Contact Information screen, an exception message will be raised. Note: Since Financial Institution may have multiple pages and each page of records must be "worked" separately, this calculation variable will allow the Financial Institution to have more than 16 records displayed if desired, so the User could "work" fewer pages. Note: To ensure performance is still within a high standard, the limit for the calculation variable value will be 99 records per page with the default set to 16 records per page.	NUM	16

Activity:

This application updates the Activity tables when warning flags are added, using the following Activity Category and Activity Type:

Activity Category	Code	Activity Type	Code	Activity Subject
Person Maintenance	PMNT	Person Maintenance/Person	PERS	Person

Reports:

There will be two online popup reports that will be produced.

First, the Contact Information Warning Flag Placement Report (CONINFOMISSWRN.sqt) will show the Person Records that have had warning flags added.

The report will be generated when selected from the Reports menu item. This report will be viewed online and will be displayed in PREVIEW mode.

Person Number	Person Name	Warning Flag	Effective Date
13819	Abraham T. Deleon	No Email Warning Flag Code	02-03-2016
15131	AMY J. Demko	No Phone Warning Flag Code	02-03-2016
15200	Abc H. Krenicky	No Email Warning Flag Code	02-03-2016
15200	Abc H. Krenicky	No Phone Warning Flag Code	02-03-2016
16089	ALYSON W. Beahm	No Email Warning Flag Code	02-03-2016
16089	ALYSON W. Beahm	No Phone Warning Flag Code	02-03-2016
16874	Aaron Grate	No Phone Warning Flag Code	02-03-2016
19825	Abigail Geake	No Email Warning Flag Code	02-03-2016
19999	Abraham R. Hartney	No Email Warning Flag Code	02-03-2016
21052	AMY F. Igoe III	No Email Warning Flag Code	02-03-2016
21052	AMY F. Igoe III	No Phone Warning Flag Code	02-03-2016
22293	ALYSON L. Reduzzi	No Email Warning Flag Code	02-03-2016
22293	ALYSON L. Reduzzi	No Phone Warning Flag Code	02-03-2016
23938	AMY L. Rylko	No Phone Warning Flag Code	02-03-2016
24002	Abc D. Balascak	No Phone Warning Flag Code	02-03-2016
Report Totals			
		Total Number of Warning Flags Added:	15

Field Listings

Field	Description
Body of Report	
Person Number	Person Number associated to the Person Record that has just been flagged.
Person Name	Name of the Person Record that's just been flagged.
Warning Flag	The name that corresponds to the Warning Flag Code defined in the No DOB Warning Flag Code, No Tax ID Warning Flag Code, or No Keyword Warning Flag Code Calculation Variable
Effective Date	The date the warning flag was created for the selected Person Record, the date should be less than or equal to the current post date of when the report was triggered.
Report Totals	
Total Number of Warning Flags Added	Total number of active flags on Person Records.

Second, the Contact Information Warning Flag Release Report (CONINFOMISSRELEASE.sqt) is to show which Person Records have had the phone number or email address updated, releasing the subsequent warning flag.

The report will be generated when selected from the Reports menu item. This report will be viewed online and will be displayed in PREVIEW mode.

Bank: Anywhere Financial	Contact Information Warning Flag Release Report	Run Date: 05-03-2016	
Report: CONINFOMISSRELEASE		Post Date: 05-03-2016	
		Page: 1 of 1	
Person Number	Person Name	Warning Flag	Inactive Date
16089	ALYSON W. Beahn	No Phone Warning Flag Code	05-03-2016
24435	ALYSON C. Roland	No Phone Warning Flag Code	05-03-2016
Report Totals			
Total Number of Warning Flags Released:		2	

Field Listings

Field	Description
Body of Report	
Person Number	Person Number associated to the Person Record that has had their flag released.
Person Name	Name of the Person Record that's flag has been released.
Warning Flag	The name that corresponds to the Warning Flag Code defined in the No Phone Warning Flag Code or No Email Warning Flag Code Calculation Variable
Inactive Date	Date the warning flag was released. The Inactive Date should be the current post date.
Report Totals	
Total Number of Warning Flags Released	Total number of records of flags that have been released.

Extract File

The Contact Information Extract (CONINFOMISSEXTRACT.sqt) following extract can be called from the Reports menu item on the Contact Information screen.

```
File Edit Format View Help
NAME|ADDR|CITY|STATE|ZIPCODE|COUNTRYCD|PERSPHONE|EXT|PERSEMAIL|WRNFLAGCD|WRNFLAGDESC|PLACEMENTDATE
ALYSON L. Reduzzi|1234 456|Southfield|MI|48075|USA|555-786-4565||ALYSON@HOME.COM|NEMW|No Email Warning Flag Code|
ALYSON W. Beahm||Test||UGA|123-345-6788|||NEMW|No Email Warning Flag Code|02-03-2016
AMY F. Igoe III||Royal Oak|MI|48073|USA|||NEMW|No Email Warning Flag Code|02-03-2016
AMY F. Igoe III||Royal Oak|MI|48073|USA|||NPHW|No Phone Warning Flag Code|02-03-2016
AMY J. Demko|30 Zanax Ave.|Somers|CT|06071|USA|||NPHW|No Phone Warning Flag Code|02-03-2016
AMY L. Rytko|37 I St.|Bristol|CT|06010|USA|||NPHW|No Phone Warning Flag Code|02-03-2016
Aaron Grate|53 69th Ave.|East Windsor|CT|06088|USA|||NPHW|No Phone Warning Flag Code|02-03-2016
Abc D. Balascak|38 Roxie Ct.|Ashford|CT|06278|USA|||NPHW|No Phone Warning Flag Code|02-03-2016
Abc H. Krenicky||Berkley|MI|48072|USA|123-456-7899||NEMW|No Email Warning Flag Code|02-03-2016
Abc H. Krenicky||Berkley|MI|48072|USA|123-456-7899||NPHW|No Phone Warning Flag Code|02-03-2016
Abigail Geake||Royal Oak|OH|48073|USA|||NEMW|No Email Warning Flag Code|02-03-2016
Abigail Geake||Royal Oak|OH|48073|USA|||NPHW|No Phone Warning Flag Code|05-03-2016
Abraham R. Hartney|||NEMW|No Email Warning Flag Code|02-03-2016
Abraham T. Deleon|||NEMW|No Email Warning Flag Code|02-03-2016
```

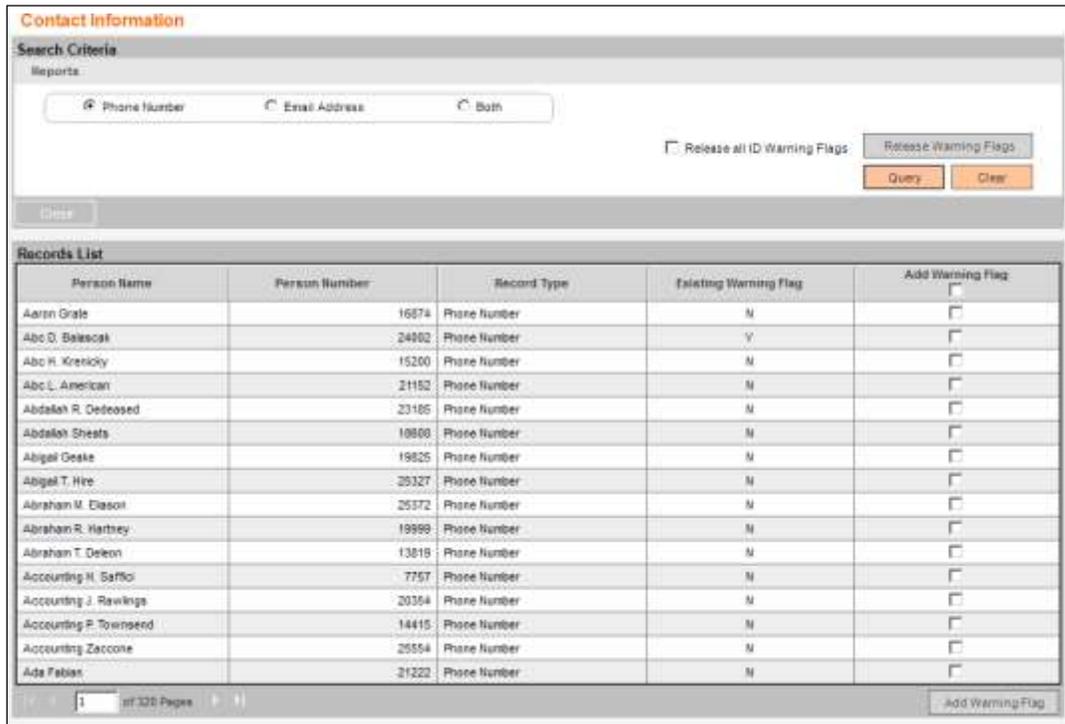
Output File Layout – Pipe Delimited

Field Header	Field	Description
NAME	Person Name	Name of the Person Record that has been flagged.
ADDR	Person Address	Address associated to the Person Record.
CITY	City	City associated to the Person Record.
STATE	State	State associated to the Person Record
ZIPCODE	Zip Code	Zip Code associated to the Person Record
COUNTRYCD	Country Code	Country Code associated to the Person Record
PERSPHONE	Phone Number	Primary Phone Number associated to the Person Record. The Primary Phone Number is defined by the Institution Calculation Variable – Home Phone Number Use Code. If Person Record has no Phone Number this field will be blank.
EXT	Phone Extension	Extension (if applicable) to the Primary Phone Number associated to the Person Record. The Primary Phone Number is defined by the Institution Calculation Variable – Home Phone Number Use Code. If Person Record has no Phone Number this field will be blank.
PERSEMAIL	Email	The Home Email Address associated to the Person Record. The Home Email Address is defined by the Institution Calculation Variable -Home Email Address UseCode. If Person Record has no Phone Number this field will be blank.
WRNFLAGCD	Warning Flag Code	Warning Flag Code which was placed on the Person Record
WRNFLAGDESC	Warning Flag Description	Name of Warning Flag which was placed on the Person Record
PLACEMENTDATE	Warning Flag Placement Date	The effective date of the warning flag.

Screens:

Navigation: Relationships Module > Quick Inquiries > Person Records Quality Control > Contact Information

Screen Appearance:



Field Listing:

Field	Description
Contact Information	
Search Criteria	
Phone Number	<p>If User wishes to bring back records with missing Primary Phone Numbers this radio button will be selected.</p> <p>If selected, records with missing Primary Phone Numbers will display in the Records List data grid.</p> <p>Field will be disabled if Release ID Warning Flags checkbox is selected.</p>

Email Address	<p>If User wishes to bring back records with missing Email Addresses, this radio button will be selected.</p> <p>If selected, records with missing Email Addresses will display in the Records List.</p> <p>Field will be disabled if Release all ID Warning Flags checkbox is selected.</p>
Both	<p>If User wishes to bring back records with missing Phone Numbers and Email Addresses in one query, this radio button will be selected.</p> <p>Field will be disabled if Release all ID Warning Flags checkbox is selected.</p>
Release all ID Warning Flags	<p>When selected, all fields will become disabled and Release Warning Flags button becomes enabled.</p>
Release Warning Flags <button>	<p>Enabled after the Release all ID Warning Flags checkbox is selected.</p> <p>When the button is selected, all previously flagged person records will be released.</p> <p>If the Phone Number radio button is selected, then the Primary Phone Number field on the Person Record must have a value for the corresponding warning flag to be released.</p> <p>If the Email Address radio button is selected, then the Email Address field on the Person Record must have value for the corresponding warning flag to be released.</p> <p>If the Both radio button is selected, then any of the two cases as described above must to be met for the corresponding warning flag to be released.</p>
Query	<p>When the button is selected, the application will bring back all applicable records and populate the Records List table below.</p> <p>Button will be disabled if Release all ID Warning Flags checkbox is selected.</p>
Clear	<p>When the button is selected, all fields in the Search Criteria section of the screen will be their default values.</p> <p>Button will be disabled if Release all ID Warning Flags checkbox is selected.</p>
Close <button>	<p>When selected, the screen is closed.</p>
Records List	
Person Name	<p>Name of the Person Record that is brought back on the query defined in the Search Criteria section of the screen.</p>

Person Number	Person Number associated to the Person Record that is brought back on the query defined in the Search Criteria section of the screen.
Record Type	The record type that is missing. The only valid value(s) will be based on the Search Criteria.
Existing Warning Flag	If Person Record has previously been flagged, this field will display a "Y". If Person Record has not been flagged yet the field value will be "N".
Add Warning Flag	Used to check the line items the User wishes to flag. In the Column Header there will be a checkbox, if this checkbox is selected this will "check all" records that have an "N" in the Existing Warning Flag field.
Add Warning Flag <button>	When button is selected the Warning Flag will be created for all Person Records that have the Add Warning Flag checkbox "checked".

Additional Requirements:

- DNA 4.6.2 or higher
- NET Framework 4.5.2
- Core API 2.8 or higher (available for download from the Extranet at <http://extranet.opensolutions.com/Lists/Downloads/Core%20API.aspx>)

Configuration Checklist:

Item	Test Environment	Production Environment
Set up the Person Record Quality Control calculation variable values		
<p>Ensure the User has been granted the 'PQAU – PersRecQualCtrl Notif App Auth' Authorization Profile to consolidate with the Relationship Profile module to gain access and utilize the application.</p> <p>Note: The 'PQAU – PersRecQualCtrl Notif App Auth' Authorization Profile contains the Auth Items for the 'PQAI – PersRecQualCtrl Notif App Auth AuthItem and the CAPR 7772 - Person Warning Maint AuthItem with full auth permissions upon initial installation. These 2 AuthItems may be added/assigned separately to an existing Authorization Profile if the Financial Institution elects to do so.</p>		
Ensure Core API services are installed and running		
Ensure the CONINFOMISSWARN.sql application is in the DNACreator application directory (typically G:\OS\Bank\Bat_exe\EXTNS\)		
Ensure the CONINFOMISSRELEASE.sql application is in the DNACreator application directory (typically G:\OS\Bank\Bat_exe\EXTNS\)		

Revisions:

Date	App Version #	Change
10/2021	1.0.0.1	Updated to use Window Control vs the Core Control to correct an issue with DNA handling the CoreBindingNavigator control, which caused the page feature to display a red 'x' and throw an unhandled exception error. There is a planned update in DNA 4.7.3 to address the Control issue; this application is being updated now to allow the application to be utilized before 4.7.3 is available.
02/2017	1.0.0.0	Application Created