The Central Client Merge feature can merge clients across multiple domains, search and identify clients as duplicates using custom fields, and allows for an automatic daily search based on a client match threshold setting.

To access the Central Client Merge feature:

- 1. Log into the *Central Administration Domain*.
- 2. Click Administrative Options.
- 3. Click *Client Merge*.

| | Add Client | System Messages |
|--|------------------------|---|
| Department of Health and Human Services | Find Client | |
| Health Resources and Services Administration | <u>R</u> eports | 101 Administrative alarms. |
| | Drug Inventory System | |
| | Appointments | User Messages |
| | Orders | (10.0 M / 10.0 M / 10 |
| | Administrative Options | About CAREWare |
| | My Settings | Refresh Messages |
| | Rapid Service Entry | |
| | Log Off | |
| | Exit | |



| Central Client Merge - Duplicate | Client List | | | | | |
|----------------------------------|---------------|-----------------------|--------|----------------------------|----------------------|--------|
| E4 14 | Search | | | | | 3/3 📥 |
| F I: Merge Duplicates | ↑ Name | ● DOB | Gender | ↑ Name | ● DOB | Gender |
| F2: Browse Ranked Matches | Abbey Aadlend | 9/5/1989 | Female | Abbey Aadland | 6/27/1975 | Female |
| F3: Browse Client List | Wanda Lewis | 9/21/1989 1/1/1990 | Female | Abby Aakre Warren Lewis | 5///1981 1/1/1990 | Female |
| F4: Unflag as Duplicate | | | | | | |
| F5: Custom Field Configuration | | | | | | |
| | | | | | | |
| Esc: <u>Close</u> | | | | | | |
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Merge Duplicates – Starts the merge process, which allows a user to choose the correct data for the client's record using both records being merged.

Browse Ranked Matches – Opens the Ranked Matches menu where a percentage threshold can be used to identify clients with similar records. It has a check box to schedule daily checks for duplicate client records.

Browse Client List – Opens the Browse Client List, which contains a list of all clients. A menu on that screen has an option for filtering the list using specific fields, such as first name, last name, DOB, and gender.

Unflag as Duplicate – This removes client records from the list of duplicate clients. **Custom Field Configuration** – Opens the Custom Field Configuration menu, which is used to setup custom fields that identify clients as duplicate records. Client records with the same value for that custom field will show up as a 100% match in the Browse Ranked Matches, even if URN fields such as DOB and gender are different.

Merge Duplicates

Once clients are listed in the Duplicate Client List, clicking Merge Duplicates will open the menu to identify data to keep in the client's record. Once the merge is complete, CAREWare will generate a report will be generated showing the changes to the client record. Users can choose to delete or retain the duplicate record.

| Field Name | Primary Client Count/Value: | Secondary Client Count/Value: | Advanced Options: |
|-------------------------------------|--------------------------------|---|---|
| LastName | Aadlend | Aadland | |
| Gender | 🕅 Female | Female | |
| Date of Birth | 9/5/1989 | 6/27/1975 | |
| FirstName | M Abbey | T Abbey | |
| ADAP Enrollment Records: | 0 | 0 | |
| ADAP Import Holding Tank: | 0 | 0 | |
| Appointments: | 1 | 0 | |
| Case Notes: | 0 | 0 | |
| Client Forms Map: | 0 | 0 | |
| Client Language Map: | 0 | 0 | |
| Counseling and Testing: | 0 | 0 | |
| Custom Subform: | 0 | 0 | |
| Dependent Relations: | 0 | 0 | |
| Diagnosis: | 1 | 1 | |
| Drug Payments: | 0 | 0 | |
| | | | |
| lient Data Color Reference | | All provider-specific data will be transf the secondary client will be deleted. Cli client is kept. | erred to the primary client and ick the arrows to swap which |
| nique ID | | | f |
| lient Data Mismatch: Choose value | to keep. * | Merge Clients | |
| lient Data Missing: UnCheck to not | add. ** | | |
| light Data Match: No moreo required | | | |

| ent Merge | | | |
|---|--------------------------------|--|-----------|
| Field Name | Primary Client Count/Value: | Secondary Client Count/Value: Advanced C | ptions: |
| NOC WINC | j∙ Huc | 1_1 THE | |
| Risk 1 Homosexual | False | False | |
| Risk 2 Drug Injection | ✓ True | True | |
| Risk 3 Heterosexual | True | True | |
| Risk 4 Hemophillia | ✓ False | T False | |
| Risk 5 Prenatal | False | False | |
| Risk 6 Other | ✓ False | False | |
| Risk 7 Transfusion | I ✓ False | False | |
| Ri | <u> </u> | False | |
| St Please wait | _ | 🔽 Louisiana | |
| 51 | | 8/1/2014 | |
| si Complete | | T Active | |
| St | | 🔽 103 logans way | |
| Uses Scheduler | I False | False | |
| Vital Status | 🔽 Alive | Alive | |
| ZipCode | 74034 | 74043 | |
| | | | > |
| Client Data Color Reference | | All provider-specific data will be transferred to the primary client the secondary client will be deleted. Click the arrows to swap whic client is kept. | and th |
| Unique ID | | | |
| Client Data Mismatch: Choose va | ue to keep.* | Merge Clients | |
| Client Data Missing: UnCheck to r | not add. ** | | |
| Client Data Match: No merge requ | ired. | | |
| * If no record is selected, the primary | / client record will be | | Cancel |

A client's record can be added to the Duplicate Client List by identifying the clients as duplicates, using the Browse Ranked Matches or Browse Client List menus. Clicking Browse Ranked Matches creates a list of clients, which may be duplicates based on a Match Threshold percentage. If the threshold set to 75% match, the list shows record pairs for which 75% of the data (in this case, the URN fields-name, DOB, and gender) match.

Browse Ranked matches

To initiate the search, click Search Now.

To change the percentage, click the % box and change the numeric value.

To add clients to the Duplicate Client List:

- Click the client's row.
- Click *Flag as Duplicate*.

Checking the box for Automatically Score Clients (daily) updates the list based on the Match Threshold each day.

| | | | Idle | | | | |
|---|------------|-------------------|------------|--------------------|-------------------|------------|---------|
| I: Flag as Duplicate | Search nov | <u>N</u> | | | | | |
| : Flag NOT Duplicate | Match Th | reshold: 75 % | A V | utomatically Score | Clients (daily) | | |
| | Search | | | | | | 25 / 25 |
| c: Close | ↓ Score | Name | DOB | Gender | Name | DOB | Gender |
| Contraction of the second s | 95 | Rachel Springer | 1/1/1990 | Male | Ryan Springer | 1/1/1990 | Female |
| | 95 | Lillian Poole | 1/1/1990 | Male | Lillian Powell | 1/1/1990 | Male |
| | 95 | Liam Rampling | 2/12/1971 | Male | Lisa Rampling | 2/12/1971 | Male |
| | 95 | Kimberly Parsons | 12/16/1961 | Male | Kylie Parsons | 12/16/1961 | Male |
| | 95 | Kimberty Parr | 1/1/1978 | Male | Kylie Parr | 1/1/1978 | Male |
| | 95 | Katherine Simpson | 1/1/1990 | Male | Katherine Skinner | 1/1/1990 | Male |
| | 95 | Karen Slater | 1/1/1990 | Male | Karen Smith | 1/1/1990 | Male |
| | 95 | Julia Springer | 1/1/1990 | Male | Julia Stewart | 1/1/1990 | Male |
| | 95 | Jessica Poole | 1/1/1990 | Male | Justin Poole | 1/1/1990 | Female |
| | 95 | Jennifer Powell | 1/1/1990 | Male | Joseph Powell | 1/1/1990 | Male |
| | 95 | Jennifer McLean | 1/1/1990 | Female | Jennifer Metcalfe | 1/1/1990 | Female |
| | 95 | Jane Test | 1/1/1980 | Female | Jonby Test | 1/1/1980 | Male |
| | 95 | Fiona Mathie | 1/1/1990 | Female | Fiona May | 1/1/1990 | Female |
| | 95 | Emily Mitchell | 1/1/1990 | Female | Emily Morgan | 1/1/1990 | Female |
| | 95 | Ella Greene | 1/1/1990 | Male | Eric Greene | 1/1/1990 | Female |
| | 95 | Elizabeth Grav | 1/1/1990 | Female | Evan Grav | 1/1/1990 | Female |
| | 95 | Diano Slator | 1/1/1000 | Male | Dulan Slater | 1/1/1990 | Male |
| | 95 | Diana Smith | 1/1/1000 | Male | Dominio Smith | 1/1/1000 | Male |
| | 95 | Diana Jiniun | 1/1/1000 | Fomala | Dulan Hardaoro | 1/1/1000 | Fomale |
| | 35 | Diana Haruacie | 1/1/1000 | Female | Diana Hardacre | 1/1/1000 | Female |
| | 30 | Diana Hamilton | 1/1/1990 | Female | Diana Hardacre | 1/1/1990 | Female |
| | 30 | Deirdre Payne | 1/1/1990 | Female | Deirdre Peake | 1/1/1990 | Female |
| | 90 | Deirdre Gray | 1/1/1990 | Female | Deirdre Greene | 1/1/1990 | Female |
| | 95 | Deirdre Glover | 1/1/1990 | Female | Deirdre Gray | 1/1/1990 | Female |
| | 95 | Deirare Glover | 1/1/1990 | Female | Deirdre Greene | 1/1/1990 | Female |
| | 1 95 | David Springer | 1/1/1990 | Male | Deirdre Springer | 1/1/1990 | Male |

Browse Client List

Clicking Browse Client List searches the entire database of clients for duplicates. This list can be sorted by clicking the drop down menu labeled "*Show only clients that match on*". Once clients have been identified, click the check box for two clients that are considered duplicate records and click Flag Matched Pair. This will add those to clients to the Duplicate Client List.

| ched Pair Show only client | ts that match on: | | | |
|----------------------------|-------------------|-----------|------------|-----------------|
| Search | | | | 100 / 100 |
| ↑ First Name | | Last Name | DOB | Gender |
| Aadland | | Abby | 1/2/1990 | Female |
| Aaron | Morin | Aaberg | 4/5/1989 | Male |
| Abbey | | Aadland | 2/27/1989 | Female |
| Abbey | | Aadland | 6/27/1975 | Female |
| Abbey | | Aadlend | 9/5/1989 | Female |
| Abbie | | Aagaard | 11/16/1988 | Female |
| Abbie | | Aagaerd | 6/12/1990 | Transgender MtF |
| Abby | | Aakre | 5/7/1981 | Female |
| Abby | | Aakre | 9/21/1989 | Female |
| Abby | Alexandra | Aakre | 1/11/1989 | Male |
| Abdul | | Aaland | 10/11/1989 | Male |
| Abdul | | Aaland | 8/30/1988 | Male |
| Abdul | | Aaland | 8/8/1989 | Male |
| Abe | | Aalbers | 8/29/1988 | Male |
| Abel | | Aalderink | 1/5/1989 | Female |
| Abel | | Aalderink | 5/12/1976 | Female |
| Abigail | | Aalund | 5/8/1990 | Transgender MtF |
| Abigail | | Aalund | 7/11/1989 | Female |
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Custom Field Configuration

The search field can be used to search through custom fields. Check the box for a custom field that will be used to consider clients as a duplicate pair. Any client records that have the same value for that field will be considered a duplicate pair with a 100% match, even if they have different URN field data such as DOB or name.

| Esc: <u>Close</u> | Select (Client rec | custom fields to be used cords with matching values for any of t | in client matching nese fields will be considered a 100% m | atch) | |
|-------------------|-----------------------|---|---|-------|--|
| | Search | | | 1/1 | |
| | ↓ Use for | ✿ Field Name | Control Type | | |
| | | Social Security | TextBox | | |
| | | | | | |
| | | | | | |

In a provider domain, the button to merge clients is called Duplicate Client. This can be found on the Client Info screen.

| Appointments | Orders Forms Chang | eLog Client Report Dur | licate Client | Delete Client | Find List | New Search | Close |
|---|---|--|---|--|---|---|--|
| Demographics Drug S | Services Service Annual R | eview Encounters Referrals | HIV C&T Relat | ions Custom Tab | 1 Custom Tab 2 | Custom Tab 3 | Subform |
| First Name: Aaron Last Name: Aaberg | Middle Name: Morin | Unique ID ARAB0405891U Encrypted URN: KaemuB1mL | Enrollment Sta Active Vital Status: Aive | tus: E | Enrollment Date: 10/1/2014 Case Close | Eligibility Sta Ryan White E ed Date: | tus Bigible Eligibility History |
| Male Sex at Birth: Male Client ID: | 4/5/1989 Encrypted UCI: 48BB07B2A51F60DCACD2 Social Security | 9B4BB663902C450F30EDU | HIV Status: HIV-positive (n HIV Risk Fact Male who has | ot AIDS) 💌 ors: sex with male(s) | HIV+ Date: 12/2/2013 | Est? AIDS D | Date: Est? 14 • Г |
| Street Address: | | Include on label report | Common Notes | Provider Notes | User M | Messages | Case Notes |
| City: Yeppers County: Natchitoches | State: | Zip Code: 74043 Phone Number: 555-555-5556 | | | | | |
| Race(s): White, Native Hawaiia Ethnicity: Hispanic | an or Other Pac 💌 Guaman Hispani V Puerto F | Pacific Subgroup: ian or Chamoro | - | | | | |

Users can check the box to flag this record as a duplicate, and they can select a matching client record from the list and to link it to the primary client.

| 🤣 Poss | ible Matches for Client Me | erge | | | | | | | |
|--------------------------|---|--|--|---|---|--|---|---|---|
| Prin | nary Client: | Unique ID | | ١ | lame: | | | Date of Birth: | |
| Flag as Duplicate Client | | ARAB0405891U | | | Aaberg, Aaron | | | 04/05/1989 | |
| | | 555-555-55 | 56 | [1 | 02 logans way | | | Male | |
| | | Possib | le Match | ing Clients: | | 000 | [| | |
| F1 F2 F3 ESC | Link Duplicate Client Find Client for Merge Merge Selected Client Cancel | 11rresnoid 70 70 70 70 70 | Score 70 70 70 70 70 | Aarestad, Abad, Adella Churchill, A Churchill, A | Gender Male Transgend Male Male | 09/05/1990 07/05/1990 04/05/1989 04/05/1989 | Onique ID AAAR0905 AEAA0705 AGCU0405 ANCU0405 | Address 301 logans 171 logans 102 logans 102 logans | Prone 555-555-56 555-555-54 555-555-55 555-555-55 |
| | | < | | | | | | | > |