IE/ICS Bridge Supplement to the Information Exchange Administration Services (IEAS) User's Guide

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Chapter 1

Interchange Service (ICS)

Customers using either GXS's Information Exchange (IE) messaging service or the GXS Interchange Services (ICS) messaging service can exchange messages across the two services in a similar manner to exchanging messages with a trading partner on the same system. Message exchange is fast and reliable, allows for billing options, and provides message status.

The Interchange Services feature within Information Exchange uses a gateway through which you can exchange messages containing EDI data or non-EDI data with trading partners who are using ICS. This gateway is called the IE/ICS Bridge.

You, as an Information Exchange service administrator, can manage communication between Information Exchange users and their ICS trading partners. The address for these partners is stored as an interchange ID profile in Information Exchange.

Understanding how to communicate with ICS trading partners

Here is a list of what you, as a service administrator, can do to help Information Exchange users who want to exchange mail with their ICS trading partners:

- **Make sure the Information Exchange user has an interchange ID profile defined.**

  There are two (2) ways to create an interchange ID profile for an Information Exchange user. You can:

  - Create the interchange ID profile if it does not already exist on your local Information Exchange system.
  - Allow Information Exchange to create the interchange ID profile automatically whenever an Information Exchange user sends a message to an ICS trading partner.

  Note: Information Exchange will ONLY create an interchange ID profile for an Information Exchange user when sending a message to an ICS trading partner. If an ICS trading partner sends a message to an Information Exchange user, Information Exchange does not know the account ID and user ID of the receiver and therefore cannot create the interchange ID profile.

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- **Make sure the Information Exchange user's trading partner has an interchange ID profile defined.**
  This profile must be created before a message can be sent to or received from a partner on the GXS ICS message service.

- **Set up interchange ID trading partner attributes between the Information Exchange users and their ICS trading partners.**
  This step is not required. Information Exchange uses information from the Information Exchange user's default interchange ID profile if you do not define trading partner attributes.

Message charges when communicating with ICS Trading Partners

When using the IE/ICS Bridge, message charges can be paid by the sender, the receiver or split between the two. See the *Information Exchange Charges Reference* book for more information.

Chapter 2

Understanding interchange ID profiles

For an Information Exchange user to exchange messages with a trading partner using the IE/ICS Bridge, both the Information Exchange user and their trading partner must have interchange ID profiles defined to the local Information Exchange system.

An Information Exchange user can have multiple interchange ID profiles. Each profile contains the EDI address (qualifier and ID) that the user is known by as well as some defaults that will be used if interchange ID trading partner attributes are not defined for communication between the user and his ICS trading partner. In addition, one of the profiles will be designated as the default, to be used if non-EDI data is exchanged with a trading partner using the IE/ICS Bridge.

The interchange ID profile for an ICS trading partner contains the EDI address of the partner.

Only one interchange ID profile can be defined for an EDI address, regardless of whether the address is owned by an Information Exchange user or one of his ICS trading partners.

Looking at the information in an Information Exchange user's interchange ID profile

An interchange ID profile must be defined for each EDI address that an Information Exchange user uses to send messages to or receive messages from a trading partner using the IE/ICS Bridge. The first interchange ID profile that is defined for an Information Exchange user is marked as the default, and will be used when sending non-EDI data. The default can be changed to another interchange ID profile, but a default must always exist.

The fields in an Information Exchange user's interchange ID profile are listed below.

Field	What you need to do:
Account ID	Specify the account ID of the user.
User ID	Specify the user ID of the user.

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Field	What you need to do:
Interchange ID qualifier	Specify the user's EDI qualifier ID. If you trade X12 data, this field must be specified. For Edifact data, this field is optional. For UCS and UN/TDI data, this field should not be specified.
Interchange ID	Specify the EDI ID of the user.
Default interchange ID? (Y or N)	Specify *y* to designate this interchange profile ID as the profile to be used when sending or receiving non-EDI data. This field will be protected and set to Y if this is the first Interchange ID that you are adding for this user. You cannot change the field from Y to N. However, you can add another Information Exchange Interchange ID profile and make it the default, in which case the existing profile marked as the default will be changed from Y to N. The default for this field is N.
When receiving ▪ Use ADV.VANS.GEMAIL (Y/N)	Specify *y* to have Information Exchange designate the sender of the message as ADV.VANS.GEMAIL. Specify *n* to have Information Exchange designate the sender of the message as the interchange ID of the sender, GXS.Uxxxxxxxx (See *Looking at the information in an ICS trading partner's interchange ID profile* on page 10 for more information). This designation will also be used for the audits. The default for this field is N. Note: If you specify *y*, you and your trading partner must agree to split the message charges. See the *Information Exchange Charges Reference* book for more information.
▪ Verify trading partners (Y/N/O)	This field identifies whether the trading partner must be authorized to send to your Information Exchange Interchange ID and provides the ability to block or restrict communication with trading partner Interchange IDs. Specify *y* to authorize trading partners. Interchange ID trading partner attributes must be defined for a partner and the "Allow trading with IE user?" field in the attributes must be set to Y in order for communication to be authorized. Specify *n* if the user's ICS trading partners do not need to be authorized to send to the Information

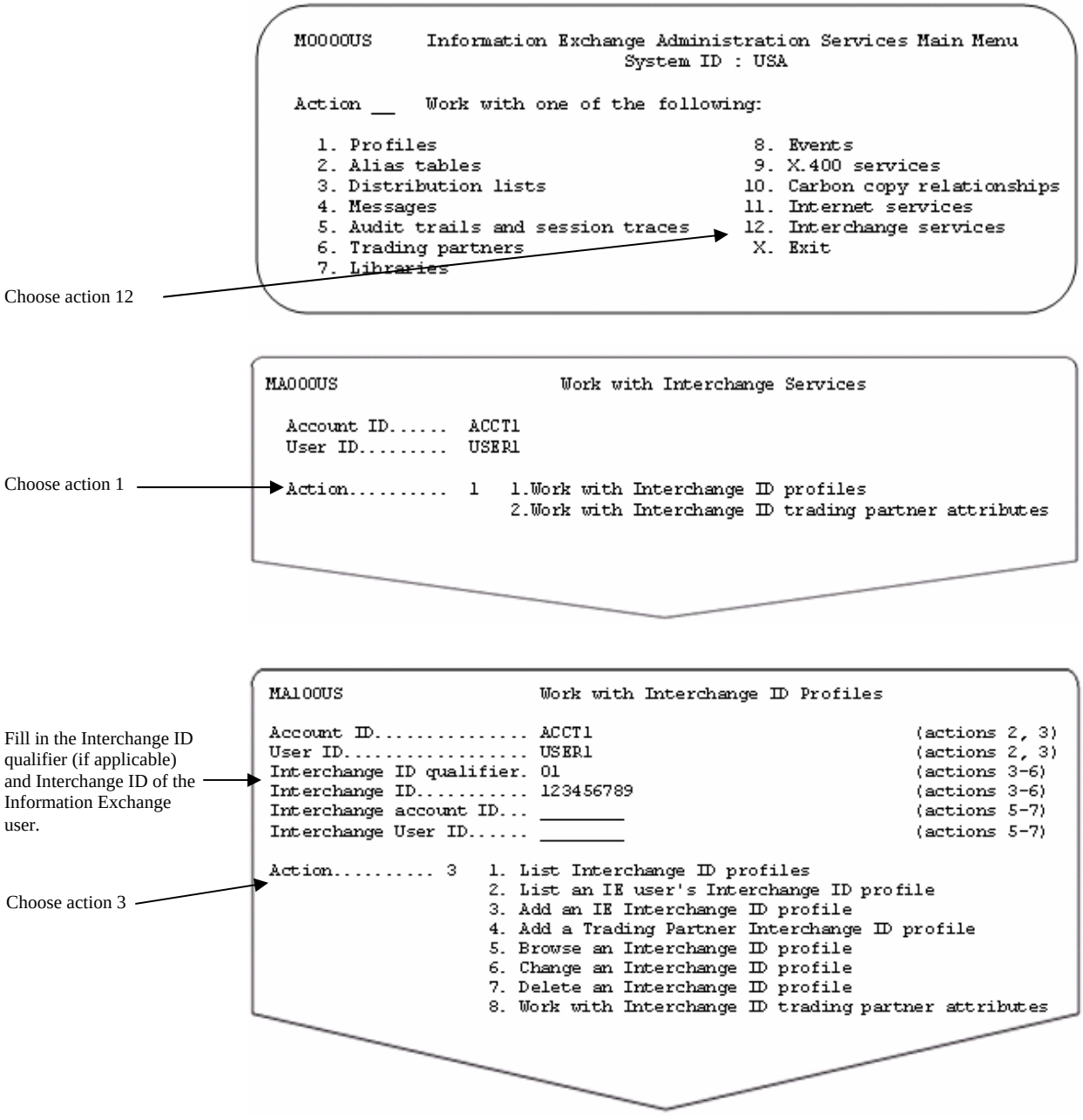
Field	What you need to do:
	Exchange interchange ID. Any user may send to the interchange ID. Specify *o* if only trading partners with "Allow trading with IE user?" set to N in their Interchange ID trading partner attributes are blocked from sending to this Information Exchange interchange ID. If interchange ID trading partner attributes are not defined for this partner or interchange trading partner attributes are defined with "Allow trading with Information Exchange user" set to Y, sending to this Information Exchange interchange ID is authorized. The default for this field is N.
▪ Message class *For X12, UCS, EDIFACT and UN/TDI* • Class	Specify the message class that Information Exchange will use for each type of data. Specify one of the following: The actual message class that Information Exchange will use. You do not need to put the value in quotes.
• # or blank	To have Information Exchange assign the value of #E2 for X12 data, #EC for UCS data, #EE for EDIFACT data and #EU for UN/TDI data.
• F	To have Information Exchange assign the value of XFnnnnnn for X12 data, UFnnnnnn for UCS data, EFnnnnnn for EDIFACT data and UN/TDI data, where nnnnnn is the last six (6) digits of the EDI control number. The default is blank.
Binary data	Specify the message class that Information Exchange will use. The default is GXSBIN and will be substituted into the field.
Non-Binary data	Specify the message class that Information Exchange will use. The default is GXSMSG and is substituted into the field.
X12 delimiters (element, sub-element, segment terminator) ▪ When receiving	Specify the delimiters to use when receiving X12 messages from an ICS trading partner. Information Exchange changes the delimiters in the EDI file to comply with your requirements. If no value is specified and no Interchange ID trading partner attributes exist for the partner, Information Exchange places the message into your mailbox unchanged.

Field	What you need to do:
▪ When sending	You may enter a hex and/or character value for the delimiters. If both are entered, they must correspond to the same character. Note: The segment terminator cannot be the same as the element or sub-element delimiters. Specify the delimiters to use when sending X12 messages to an ICS trading partner. Information Exchange changes the delimiters in your EDI file to comply with the requirements of your Interchange ID partner's system. If no value is specified and no Interchange ID trading partner attributes exist, Information Exchange transfers the message unchanged. You may enter a hex and/or character value for the delimiters. If both are entered, they must correspond to the same character. Note: The segment terminator cannot be the same as the element or sub-element delimiters.
Translation Table	Specify the name of the translation table to use to convert data from EBCDIC to ASCII when sending data to an ICS trading partner, and from ASCII to EBCDIC when receiving data from an ICS trading partner. To see a list of all valid translation tables, type '?' in this field and press `SUBMIT` (Enter). The default translation table is 0000 and is substituted into this field.
Do you want to work with trading partner attributes? (Y/N/blank)	Specify *y* and press `SUBMIT` (Enter) to add or change the Information Exchange interchange ID profile and display the "Work with Interchange ID Trading Partner Attributes" panel. Specify *n* or leave the field blank and press `EXIT` (F3) to save the Information Exchange interchange ID profile and return to the previous screen. Specify *n* or leave the field blank and press `Main Menu` (F4) to save the Information Exchange interchange ID profile and return to the Main Menu. Specify *n* or leave the field blank and press `CANCEL` (F12) to exit without saving the Information Exchange interchange ID profile and return to the previous screen.

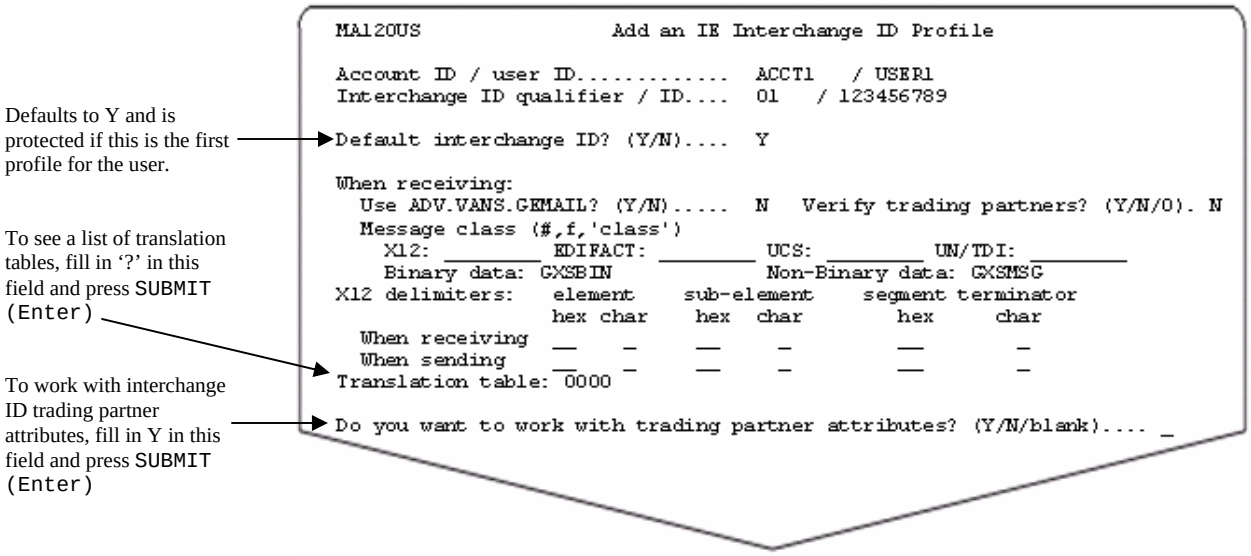
Adding an Information Exchange user's interchange ID profile

An Information Exchange user's interchange ID profile defines the attributes that will be used when sending a message to or receiving a message from an ICS trading partner, if interchange ID trading partner attributes are not defined for the partner.

To add an interchange ID profile, follow this path.

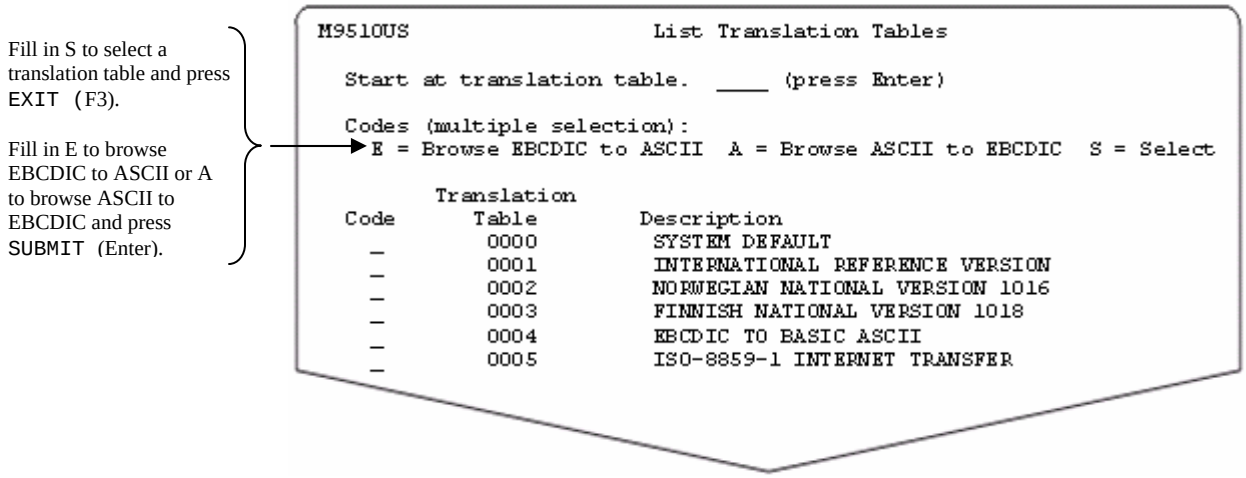


You see a panel like this one.



Fill in the fields on this panel.

If you type '?' in the translation table field, you see a panel like this one.



If you choose to browse a translation table before you make a selection, Information Exchange processes the browse request(s) before it processes the select request. When you press SUBMIT (Enter), only your browse request(s) are processed. The selection request is processed when the browse request is complete and you press EXIT (F3).

If you select a translation table [by typing S and pressing EXIT (F3)], you see that translation table name filled in when you return to the Add an IE Interchange ID Profile panel.

For more information, see *Looking at translation tables* on page 84 of the Information Exchange Administration Services Supplement manual.

If you answered Y to the question, "Do you want to work with trading partner attributes?", the interchange ID profile will be added and you see a panel like this one.

```
MA200US          Work with Interchange ID Trading Partner Attributes

Account ID.............. ACCT1                                (actions 1-5)
User ID................. USER1                                (actions 1-5)
Interchange ID qualifier. ____                                (actions 2-5)
Interchange ID.......... ____________________________________ (actions 2-5)
Interchange account ID... ________                            (actions 2-5)
Interchange User ID...... ________                            (actions 2-5)

Action.......... _   1. List Interchange ID trading partner attributes
                     2. Add Interchange ID trading partner attributes
                     3. Browse Interchange ID trading partner attributes
                     4. Change Interchange ID trading partner attributes
                     5. Delete Interchange ID trading partner attributes
                     6. Work with Interchange ID profiles
```

For more information about the fields on this panel, see *Understanding interchange ID trading partner attributes* on page 19.

When you are finished working on the "Add an IE interchange ID profile" panel, press `EXIT` (F3) to save the information and add the profile.

Looking at an Information Exchange user's list of interchange ID profiles

To view an Information Exchange user's list of interchange ID profiles, follow this path.

```
MA000US                      Work with Interchange Services

  Account ID......  ACCT1
  User ID.........  USER1

Action..........  1   1. Work with Interchange ID profiles
                      2. Work with Interchange ID trading partner attributes
```

Choose action 1

```
MA100US                   Work with Interchange ID Profiles


Account ID.............. ACCT1                                (actions 2, 3)
User ID................. USER1                                (actions 2, 3)
Interchange ID qualifier. ____                                (actions 3-6)
Interchange ID.......... ____________________________________ (actions 3-6)
Interchange account ID... ________                            (actions 5-7)
Interchange User ID...... ________                            (actions 5-7)

Action.......... 2   1. List Interchange ID profiles
                     2. List an IE user's Interchange ID profile
                     3. Add an IE Interchange ID profile
                     4. Add a Trading Partner Interchange ID profile
                     5. Browse an Interchange ID profile
                     6. Change an Interchange ID profile
                     7. Delete an Interchange ID profile
                     8. Work with Interchange ID trading partner attributes
```

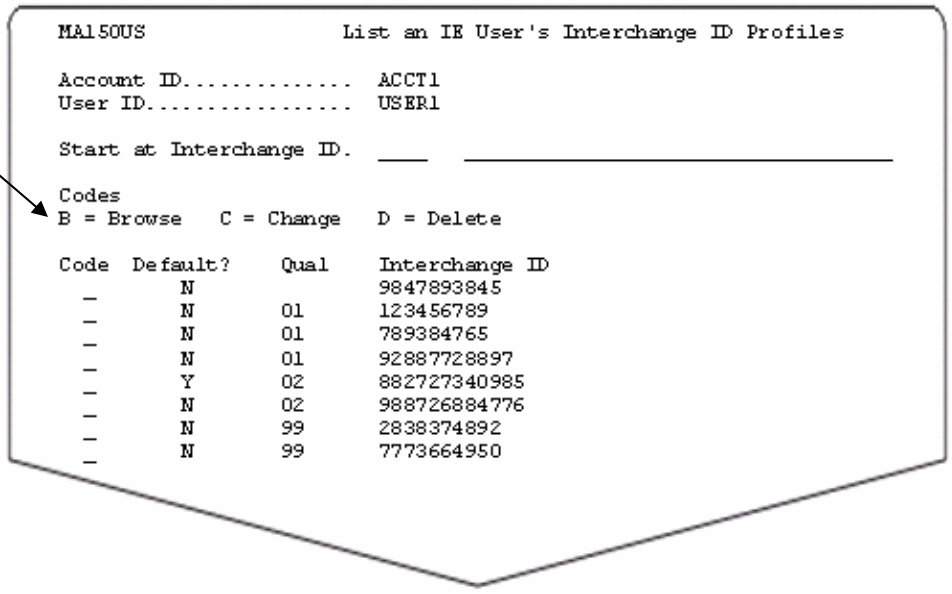
Fill in the account ID and user ID

You can use these fields, Interchange ID qualifier and Interchange ID to start the list at a specific position

Choose action 2

You see a panel like this one.

You can perform any of these functions from the list.



The list displays the interchange ID profiles that do not have a qualifier before those that do.

You can enter an interchange ID qualifier and/or interchange ID in the "Start at Interchange ID" fields and press SUBMIT (Enter) to re-display the panel beginning at the selection (if the selection exists) or after the selection alphabetically (if the selection does not exist).

You can select more than one task on this panel. When you press SUBMIT (Enter), your choices are processed in the order displayed. Deletions process last and only when you press EXIT (F3).

Looking at the information in an ICS trading partner's interchange ID profile

Information Exchange assigns an Information Exchange account ID and user ID for each ICS trading partner's interchange ID profile ID that is added. An Information Exchange Administration Services message displays the assigned account ID and user ID when you finish adding the interchange ID profile. The account ID assigned is GXS and the user ID assigned will have the form Uxxxxxxx, where xxxxxxx is a numeric value.

An interchange ID profile must be defined for each trading partner's interchange ID. Once an interchange ID profile is added, all Information Exchange users of the IE/ICS Bridge may use the profile to exchange messages with the interchange ID.

The fields in the ICS trading partner's interchange ID profile are listed below.

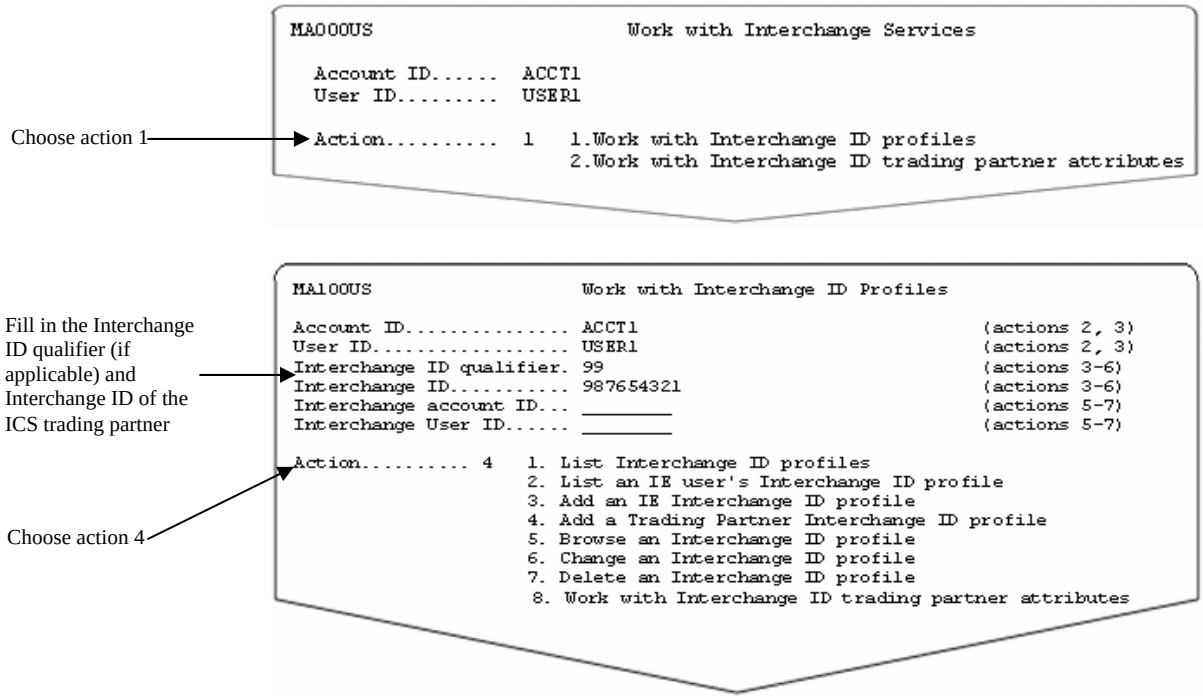
Field	What you need to do:
Interchange ID qualifier	Specify the partner's EDI qualifier ID. If the partner trades X12 data, this field must be specified.

Field	What you need to do:
	For Edifact data, this field is optional. For UCS and UN/TDI data, this field should not be specified.
Interchange ID	Specify the EDI ID of the partner.
Do you want to work with trading partner attributes? (Y/N/blank)	Specify *y* and press `SUBMIT` (Enter) to add or change the ICS trading partner's interchange ID profile and display the "Work with Interchange ID Trading Partner Attributes" panel. Specify *n* or leave the field blank and press `EXIT` (F3) to save the ICS trading partner's interchange ID profile and return to the previous screen. Specify *n* or leave the field blank and press `MAIN MENU` (F4) to save the ICS trading partner's interchange ID profile and return to the Main Menu. Specify *n* or leave the field blank and press `CANCEL` (F12) to exit without saving the ICS trading partner's interchange ID profile and return to the previous screen.

Adding an ICS trading partner's interchange ID profile

An ICS trading partner's interchange ID profile associates an Information Exchange account ID and user ID with a partner's interchange address.

To add an ICS trading partner's interchange ID profile, follow this path.



You see a panel like this one.

To work with interchange ID trading partner attributes, fill in Y in this field and press SUBMIT (Enter).

```
MA130US            Add a Trading Partner Interchange ID Profile

Interchange ID qualifier. 99
Interchange ID..... 987654321


Do you want to work with trading partner attributes? (Y/N/blank).... _
```

If you answer Y to the question, “Do you want to work with trading partner attributes?”, the trading partner’s interchange ID profile will be added and the Information Exchange account ID and user ID that has been assigned to the trading partner’s interchange ID profile will be displayed on the following panel.

```
MA200US          Work with Interchange ID Trading Partner Attributes

Account ID............... ACCT1                              (actions 1-5)
User ID.................. USER1                              (actions 1-5)
Interchange ID qualifier. 99                                 (actions 2-5)
Interchange ID..... 987654321                                (actions 2-5)
Interchange account ID... ________                           (actions 2-5)
Interchange User ID...... ________                           (actions 2-5)

Action..... _   1. List Interchange ID trading partner attributes
                2. Add Interchange ID trading partner attributes
                3. Browse Interchange ID trading partner attributes
                4. Change Interchange ID trading partner attributes
                5. Delete Interchange ID trading partner attributes
                6. Work with Interchange ID profiles
```

For more information about the fields on this panel, see *Understanding interchange ID trading partner attributes* on page 19.

If you answer N to the question, “Do you want to work with trading partner attributes?” or leave the field blank and press EXIT (F3) or MAIN MENU (F4), the trading partner’s interchange ID profile is added. The Information Exchange account ID and user ID that has been assigned to trading partner’s interchange ID profile will be displayed in an Information Exchange Administration Services message on the next panel displayed.

Looking at a list of ICS trading partner interchange ID profiles

To view a list of ICS trading partner interchange ID profiles, follow this path.

Choose action 1

```
MA000US                    Work with Interchange Services

  Account ID......  ACCT1
  User ID.........  USER1

  Action..........  1   1. Work with Interchange ID profiles
                        2. Work with Interchange ID trading partner attributes
```

You can use these fields, Interchange ID qualifier and Interchange ID to start the list at a specific position

Choose action 1

```
MA100US                  Work with Interchange ID Profiles

Account ID.............. ACCT1                              (actions 2, 3)
User ID................. USER1                              (actions 2, 3)
Interchange ID qualifier. ____                              (actions 3-6)
Interchange ID.......... ________________________________   (actions 3-6)
Interchange account ID... ________                          (actions 5-7)
Interchange User ID...... ________                          (actions 5-7)

Action.......... 1   1. List Interchange ID profiles
                     2. List an IE user's Interchange ID profile
                     3. Add an IE Interchange ID profile
                     4. Add a Trading Partner Interchange ID profile
                     5. Browse an Interchange ID profile
                     6. Change an Interchange ID profile
                     7. Delete an Interchange ID profile
                     8. Work with Interchange ID trading partner attributes
```

You see panel like this one.

You can perform either of the functions from the list.

```
MA110US                  List Interchange ID Profiles

Account ID.............. ACCT1
User ID................. USER1

Start at Interchange ID. ____   ________________________________

Codes (Multiple selection)
B = Browse  C = Change

Code  Qual  Interchange ID                    Account ID  User ID
 _          33899883838                      GXS         U9999827
 _          44987243098                      GXS         U9999829
 _          55983766772887                   GXS         U9999836
 _     01   223872873878                     GXS         U9999835
 _     01   390876937474                     GXS         U9999834
 _     02   239898476663664                  GXS         U9999833
 _     99   1112887231                       GXS         U9999832
 _     99   987654321                        GXS         U9999877
```

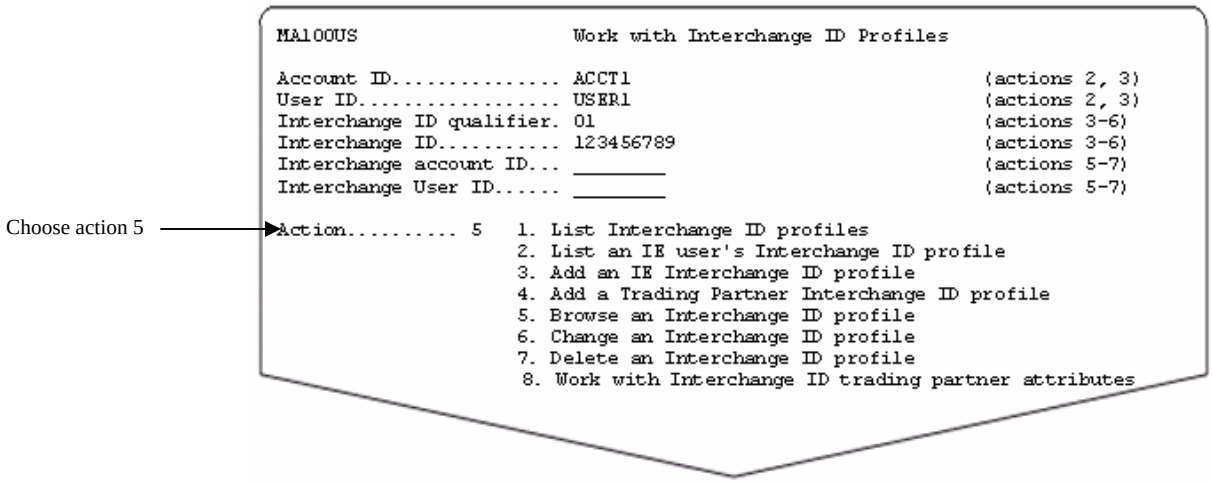
The list displays the interchange ID profiles that do not have a qualifier before those that do.

You can enter an interchange ID qualifier and/or interchange ID in the “Start at Interchange ID” fields and press SUBMIT (Enter) to re-display the list beginning at the selection (if the selection exists) or alphabetically after the selection (if the selection does not exist).

You can select more than one task on this panel. When you press SUBMIT (Enter), your choices are processed in the order displayed. Deletions process last and only when you press EXIT (F3).

Browsing an interchange ID profile

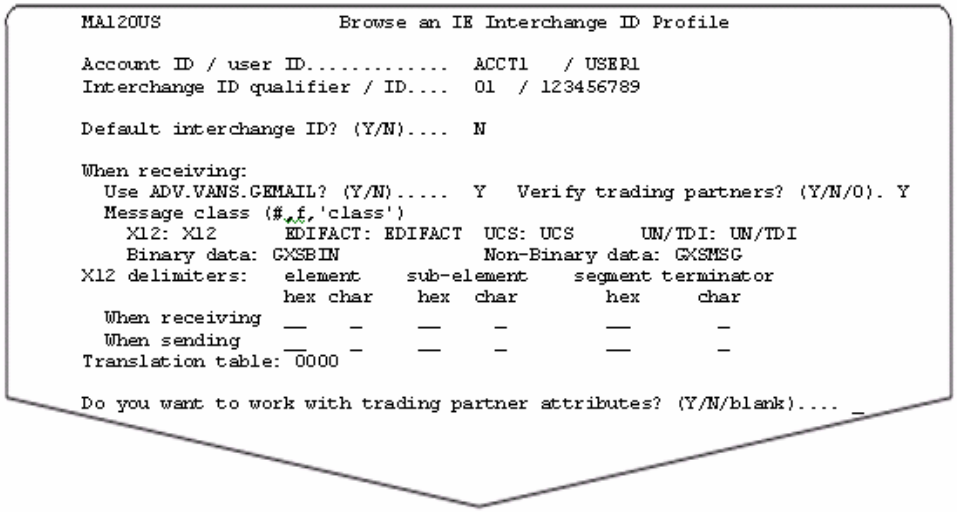
You can browse (view) the information in an interchange ID profile by choosing the browse option on the List an IE User's Interchange ID Profiles panel or the List Interchange ID Profiles panel, or you can follow this path.



Fill in the following:

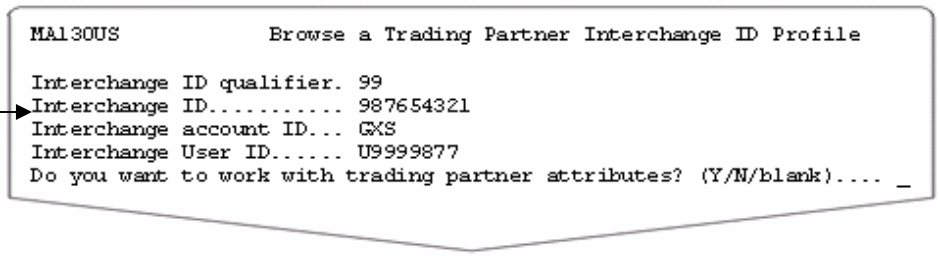
- The account ID and user ID (to browse an Information Exchange user's interchange ID profile)
- The interchange ID qualifier and/or interchange ID (to browse an interchange ID profile for either an Information Exchange user or ICS trading partner) -or-
- The interchange account ID and user ID (to browse the interchange ID profile for an ICS trading partner)

If the interchange ID profile you've selected is for an Information Exchange user, you see a panel like this one.



If the interchange ID profile you've selected is for an ICS trading partner, you see a panel like this one.

Both the interchange ID qualifier and ID and interchange account ID and user ID display.

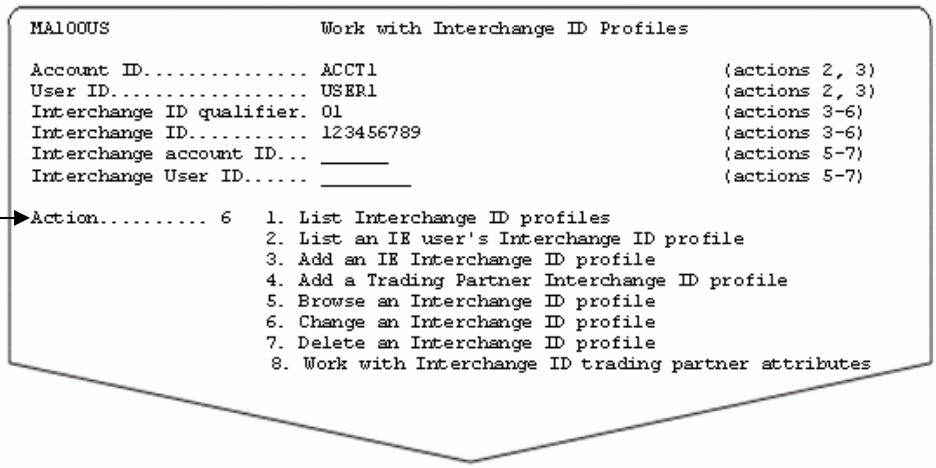


When you are finished browsing the information, press EXIT (F3) to exit the panel.

Changing an interchange ID profile

You can change an interchange ID profile by choosing the change option on the List an IE User's Interchange ID Profiles panel or the List Interchange ID Profiles panel, or you can follow this path.

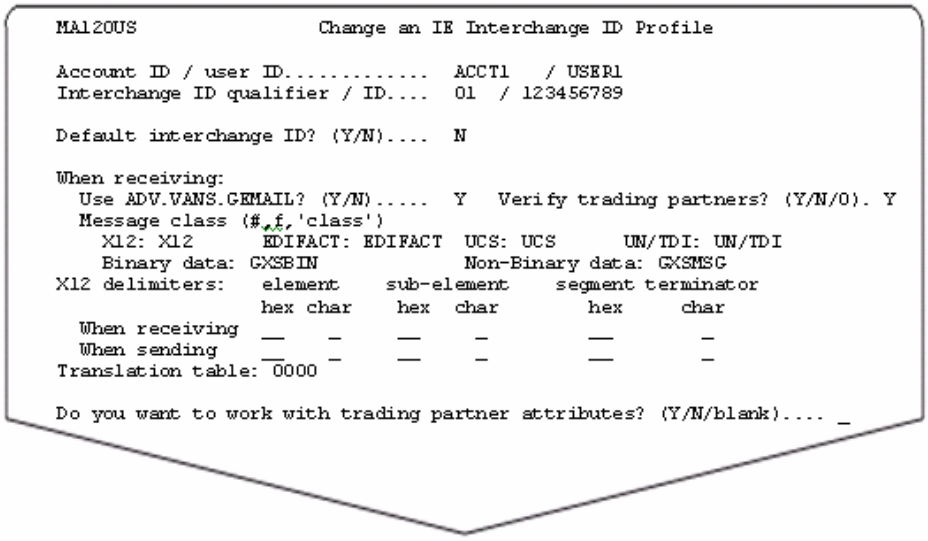
Choose action 6



Fill in the following:

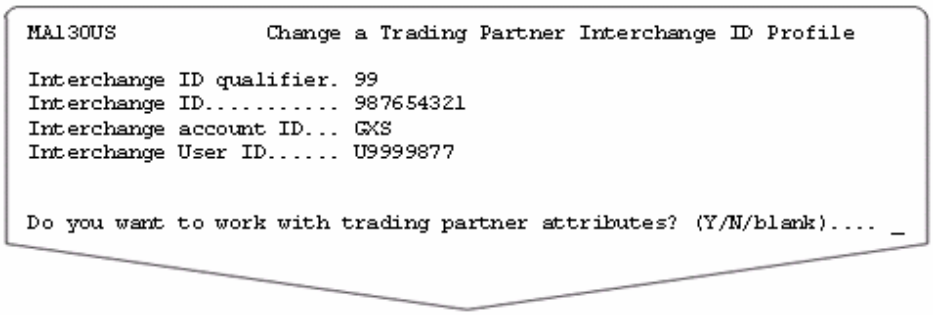
- The account ID and user ID (to change an Information Exchange user's interchange ID profile)
- The interchange ID qualifier and/or interchange ID (to change an interchange ID profile for either an Information Exchange user or ICS trading partner) -or-
- The interchange account ID and user ID (to change the interchange ID profile for an ICS trading partner)

If the interchange ID profile you've selected is for an Information Exchange user, you see a panel like this one.



Type the changes you want, and press EXIT (F3) to save the information.

If the interchange ID profile you've selected is for an ICS trading partner, you see a panel like this one.



Press EXIT (F3) to exit the panel.

Deleting an interchange ID profile

You cannot delete the interchange ID profile for an ICS trading partner.

You can delete an Information Exchange user's interchange ID profile by choosing the delete option on the List an IE User's Interchange ID Profiles panel, or you can follow this path.

Fill in the account ID and user ID and the interchange ID qualifier and/or interchange ID

Choose action 7

```
MA10OUS                    Work with Interchange ID Profiles

Account ID.............. ACCT1                              (actions 2, 3)
User ID................. USER1                              (actions 2, 3)
Interchange ID qualifier. 01                                 (actions 3-6)
Interchange ID.......... 123456789                          (actions 3-6)
Interchange account ID... ________                          (actions 5-7)
Interchange User ID..... ________                           (actions 5-7)

Action.......... 7   1. List Interchange ID profiles
                     2. List an IE user's Interchange ID profile
                     3. Add an IE Interchange ID profile
                     4. Add a Trading Partner Interchange ID profile
                     5. Browse an Interchange ID profile
                     6. Change an Interchange ID profile
                     7. Delete an Interchange ID profile
                     8. Work with Interchange ID trading partner attributes
```

You see a panel like this one.

To confirm the deletion, fill in Y and press `SUBMIT` (Enter) or `EXIT` (F3).

```
MA140US                    Delete an Interchange ID Profile

Account ID.............. ACCT1
User ID................. USER1
Interchange qualifier.... 01
Interchange ID.......... 123456789
Interchange account ID...
Interchange user ID......

Do you want to delete the Interchange ID profile? (Y/N).... _
```

To cancel the deletion, choose one of the following:

- Type *n* and press `SUBMIT` (Enter) or `EXIT` (F3)
- Press `CANCEL` (F12)
- Press `MAIN MENU` (F4) and type something other than *y*
- Press `MAIN MENU` (F4) and leave the field blank

If you chose to delete multiple items from the List an IE User's Interchange ID Profiles panel:

- You see the confirmation panel for each interchange ID profile you marked for deletion, unless you cancel the remaining deletions
- You can cancel all deletions by filling in N and pressing `MAIN MENU` (F4)
- You can delete this item only and cancel all remaining deletions by filling in Y and pressing `MAIN MENU` (F4).

Chapter 3

Understanding interchange ID trading partner attributes

Interchange ID trading partner attributes are used to define the attributes used when sending messages to or receiving messages from an ICS trading partner using the IE/ICS Bridge. Each Information Exchange user can define their own set of interchange ID trading partner attributes for communication with their ICS trading partners. An interchange ID profile must be defined for both the Information Exchange user and the ICS partner before interchange ID trading partner attributes can be added.

Interchange ID trading partner attributes are not required for communication between an Information Exchange user and an ICS trading partner unless the Information Exchange user's interchange ID profile has Y in the "Verify trading partners" field. If attributes are not defined, the values in the Information Exchange user's interchange ID profile will be used.

Looking at the information in interchange ID trading partner attributes

The fields in the Information Exchange user's interchange ID profile are listed below.

Field	What you need to do:
Account ID	Specify the account ID of the Information Exchange user.
User ID	Specify the user ID of the Information Exchange user.
Interchange ID qualifier	Specify the EDI qualifier ID of the ICS trading partner. If you trade X12 data with the partner, this field must be specified. For Edifact data, this field is optional. For UCS and UN/TDI data, this field should not be specified.
Interchange ID	Specify the EDI ID of the ICS trading partner.

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Field	What you need to do:
When receiving ▪ Use ADV.VANS.GEMAIL (Y/N)	Specify *y* to have Information Exchange designate the sender of the message as ADV.VANS.GEMAIL. Specify *n* to have Information Exchange designate the sender of the message as the interchange ID of the sender, GXS.Uxxxxxxxx (See *Looking at the information in an ICS trading partner's interchange ID profile* on page 10 for more information). This designation will also be used for the audits. Note: If you specify *y*, you and your trading partner must agree to split the message charges. See the *Information Exchange Charges Reference* book for more information.
▪ Allow trading with IE user (Y/N)	This field identifies whether the trading partner must be authorized to send to your Information Exchange Interchange ID and provides the ability to block or restrict communication with trading partner Interchange IDs. This field is ignored if the "Verify trading partners?" field in the Information Exchange user's Interchange ID profile is N. Specify *y* to authorize this interchange trading partner to send messages to the Information Exchange user. (This is the default.) Specify *n* to restrict this interchange trading partner from sending messages to the Information Exchange user.
▪ Message class *For X12, UCS, EDIFACT and UN/TDI* • Class • # or blank • F	Specify the message class that Information Exchange will use for each type of data. Specify one of the following: The actual message class that Information Exchange will use. You do not need to put the value in quotes. To have Information Exchange assign the value of #E2 for X12 data, #EC for UCS data, #EE for EDIFACT data and #EU for UN/TDI data. To have Information Exchange assign the value of XFnnnnnn for X12 data, UFnnnnnn for UCS data, EFnnnnnn for EDIFACT data and UN/TDI data, where nnnnnn is the last six (6)digits of the EDI control number.

Field	What you need to do:
Binary data	Specify the message class that Information Exchange will use. The default is GXSBIN and will be substituted into the field.
Non-Binary data	Specify the message class that Information Exchange will use. The default is GXSMSG and is substituted into the field.
X12 delimiters (element, sub-element, segment terminator) ▪ When receiving	Specify the delimiters to use when receiving X12 messages from an ICS trading partner. Information Exchange changes the delimiters in the EDI file to comply with your requirements. If no value is specified, Information Exchange places the message into your mailbox unchanged. You may enter a hex and/or character value for the delimiters. If both are entered, they must correspond to the same character. Note: the segment terminator cannot be the same as the element or sub-element delimiters.
▪ When sending	Specify the delimiters to use when sending X12 messages to an ICS trading partner. Information Exchange changes the delimiters in your EDI file to comply with the requirements of your Interchange ID trading partner's system. If no value is specified, Information Exchange transfers the message unchanged. You may enter a hex and/or character value for the delimiters. If both are entered, they must correspond to the same character. Note: the segment terminator cannot be the same as the element or sub-element delimiters.
Translation Table	Specify the name of the translation table to use to convert data from EBCDIC to ASCII when sending data to an ICS trading partner, and from ASCII to EBCDIC when receiving data from an ICS trading partner. To see a list of all valid translation tables, type '?' in this field and press `SUBMIT` (Enter). The default translation table is 0000 and is substituted into this field.

Adding interchange ID trading partner attributes

To add interchange ID trading partner attributes, follow this path.

Choose action 2

```
MA000US                      Work with Interchange Services

  Account ID......  ACCT1
  User ID.........  USER1

Action..........  2   1.Work with Interchange ID profiles
                      2.Work with Interchange ID trading partner attributes
```

Fill in the interchange ID qualifier and/or interchange ID -or- interchange account ID and interchange user ID of the ICS partner.

Choose action 2

```
MA200US          Work with Interchange ID Trading Partner Attributes

Account ID.............. ACCT1                                  (actions 1-5)
User ID................. USER1                                  (actions 1-5)
Interchange ID qualifier. ____                                  (actions 2-5)
Interchange ID.......... ________________________________      (actions 2-5)
Interchange account ID... GXS                                   (actions 2-5)
Interchange User ID..... U9999877                               (actions 2-5)

Action.......... 2   1. List Interchange ID trading partner attributes
                     2. Add Interchange ID trading partner attributes
                     3. Browse Interchange ID trading partner attributes
                     4. Change Interchange ID trading partner attributes
                     5. Delete Interchange ID trading partner attributes
                     6. Work with Interchange ID profiles
```

You see a panel like this one.

Fill in the fields on this panel

To see a list of translation tables, type '?' in this field and press SUBMIT (Enter).

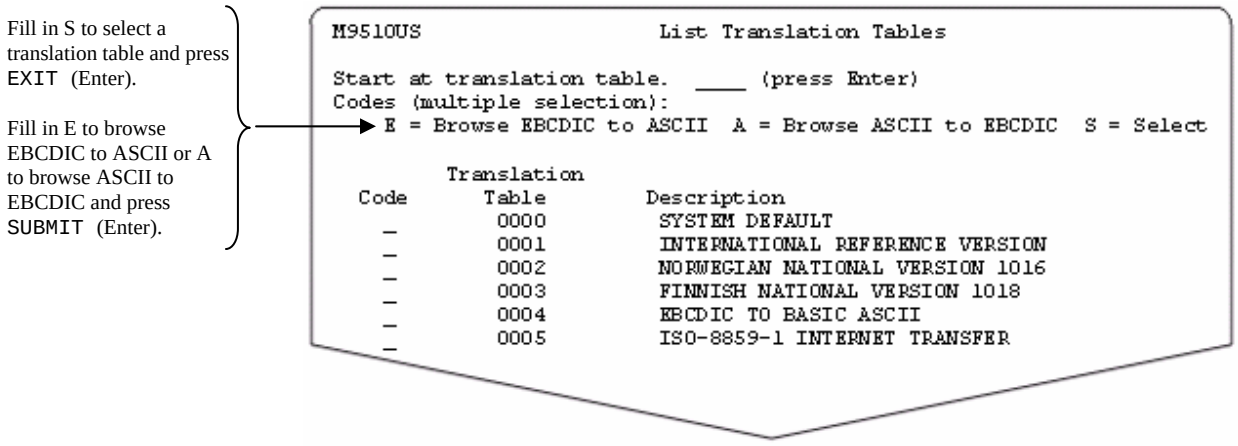
```
MA220US           Add Interchange ID Trading Partner Attributes

Account ID / user ID.............  ACCT1    / USER1
Interchange ID qualifier / ID....  99   / 987654321
Interchange account ID / user ID.  GXS      / U9999877

When receiving:
  Use ADV.VANS.GEMAIL? (Y/N)..... N   Allow trading with IE user? (Y/N)... Y
  Message class (#,f,'class')
    X12: ________ EDIFACT: ________ UCS: ________ UN/TDI: ________
    Binary data: GXSBIN             Non-Binary data: GXSMSG
X12 delimiters:   element    sub-element    segment terminator
                  hex char    hex  char       hex     char
  When receiving  __   _     __    _         __       _
  When sending    __   _     __    _         __       _

Translation table: 0000
```

If you type '?' in the translation table field, you see a panel like this one.



If you choose to browse a translation table before you make a selection, Information Exchange processes the browse request(s) before it processes the select request. When you press SUBMIT (Enter), only your browse request(s) are processed. The selection request is processed when the browse request is complete and you press SUBMIT (Enter) or EXIT (F3).

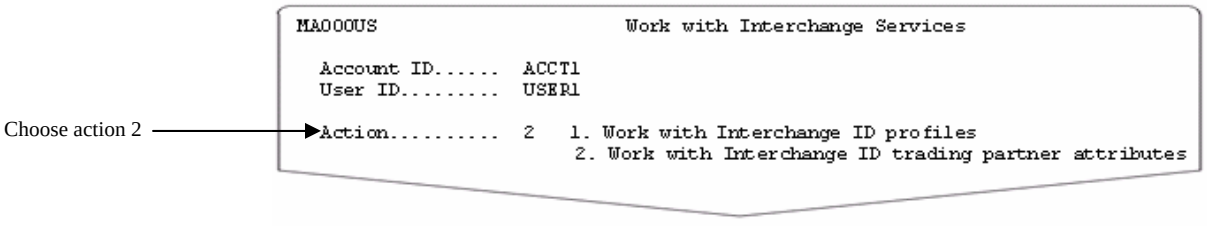
If you select a translation table [by typing S and pressing EXIT (F3)], you see that translation table name is filled in when you return to the Add Interchange ID Trading Partner Attributes panel. You can only select one table at a time. If you do not select a table, the Translation table field will remain blank when you return.

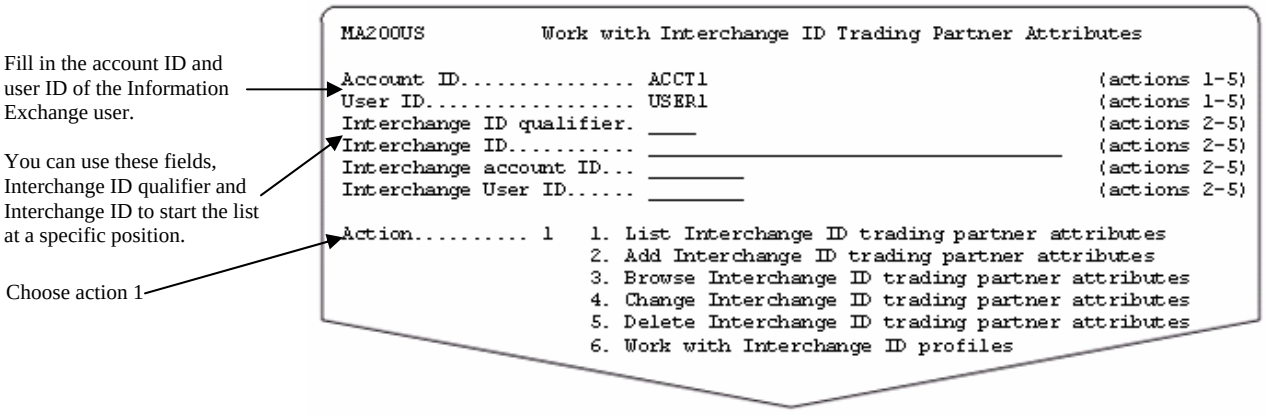
For more information, see *Looking at translation tables* on page 84 of the Information Exchange Administration Services Supplement manual.

When you are finished working on the "Add Interchange ID Trading Partner Attributes" panel, press EXIT (F3) to add the trading partner attributes.

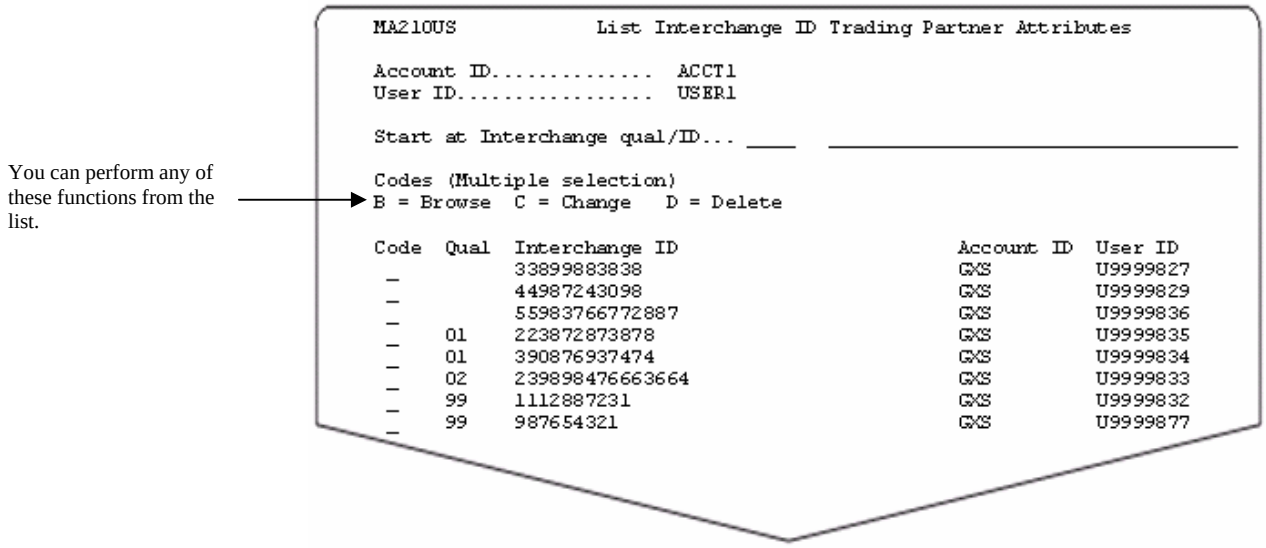
Looking at a list of interchange ID trading partner attributes

To view a list of interchange ID trading partner attributes, follow this path.





You see panel like this one.



The list displays the interchange ID trading partner attributes that do not have a qualifier before those that do.

You can enter an interchange ID qualifier and/or interchange ID in the “Start at Interchange qual/ID” fields and press SUBMIT (Enter) to re-display the panel beginning on the selection (if the selection exists) or alphabetically after the selection (if the selection does not exist).

You can select more than one task on this panel. When you press SUBMIT (Enter), your choices are processed in the order displayed. Deletions process last and only when you press EXIT (F3).

Browsing interchange ID trading partner attributes

You can browse (view) the information in interchange ID trading partner attributes by choosing the browse option on the List Interchange ID Trading Partner Attributes panel or you can follow this path.

Fill in the interchange ID qualifier and/or interchange ID -or- interchange account ID and interchange user ID of the ICS partner.

Choose action 3

```
MA200US          Work with Interchange ID Trading Partner Attributes

Account ID.............. ACCT1                                  (actions 1-5)
User ID................. USER1                                  (actions 1-5)
Interchange ID qualifier. ____                                  (actions 2-5)
Interchange ID.......... ________________________________       (actions 2-5)
Interchange account ID... GXS                                   (actions 2-5)
Interchange User ID...... U9999877                              (actions 2-5)

Action.......... 3   1. List Interchange ID trading partner attributes
                     2. Add Interchange ID trading partner attributes
                     3. Browse Interchange ID trading partner attributes
                     4. Change Interchange ID trading partner attributes
                     5. Delete Interchange ID trading partner attributes
                     6. Work with Interchange ID profiles
```

You see a panel like this one.

Both the interchange ID qualifier and ID and interchange account ID and user ID display

```
Account ID / user ID.............  ACCT1   / USER1
Interchange ID qualifier / ID....  99  / 987654321
Interchange account ID / user ID.  GXS     / U9999877

When receiving:
  Use ADV.VANS.GEMAIL? (Y/N)..... N   Allow trading with IE user? (Y/N)... Y
  Message class (#,f,'class')
    X12: ________ EDIFACT: ________ UCS: ________ UN/TDI: ________
    Binary data: GXSBIN             Non-Binary data: GXSMSG
X12 delimiters:   element    sub-element    segment terminator
                  hex char   hex  char       hex     char
  When receiving  __   _     __   _          __        _
  When sending    __   _     __   _          __        _

Translation table: 0000
```

When you are finished browsing the information, press `EXIT` (F3) to exit the panel.

Changing interchange ID trading partner attributes

You can change the information in interchange ID trading partner attributes by choosing the change option on the List Interchange ID Trading Partner Attributes panel or you can follow this path.

Fill in the interchange ID qualifier and/or interchange ID -or- interchange account ID and interchange user ID of the ICS partner.

Choose action 4

```
MA200US          Work with Interchange ID Trading Partner Attributes

Account ID.............. ACCT1                                  (actions 1-5)
User ID................. USER1                                  (actions 1-5)
Interchange ID qualifier. 99                                    (actions 2-5)
Interchange ID.......... 987654321                              (actions 2-5)
Interchange account ID... ________                              (actions 2-5)
Interchange User ID...... ________                              (actions 2-5)

Action.......... 4   1. List Interchange ID trading partner attributes
                     2. Add Interchange ID trading partner attributes
                     3. Browse Interchange ID trading partner attributes
                     4. Change Interchange ID trading partner attributes
                     5. Delete Interchange ID trading partner attributes
                     6. Work with Interchange ID profiles
```

You see a panel like this one.

Both the interchange ID qualifier and ID and interchange account ID and user ID display

```
MA22OUS            Change Interchange ID Trading Partner Attributes

Account ID / user ID.............  ACCT1    / USER1
Interchange ID qualifier / ID....  99 / 987654321
Interchange account ID / user ID.  GXS      / U9999877

When receiving:
  Use ADV.VANS.GEMAIL? (Y/N)..... N   Allow trading with IE user? (Y/N)... Y
  Message class (#,f,'class')
    X12: ________ EDIFACT: ________ UCS: ________ UN/TDI: ________
    Binary data: GXSBIN             Non-Binary data: GXSMSG
X12 delimiters:   element    sub-element    segment terminator
                  hex char    hex  char       hex     char
  When receiving  __    _     __    _         __       _
  When sending    __    _     __    _         __       _

Translation table: 0000
```

Type the changes you want, and press `EXIT` (F3) to save the information.

Deleting interchange ID trading partner attributes

You can delete interchange ID trading partner attributes by choosing the delete option on the List Interchange ID Trading Partner Attributes panel, or you can follow this path.

Fill in the interchange ID qualifier and/or interchange ID -or- interchange account ID and interchange user ID of the ICs partner

Choose action 5

```
MA20OUS          Work with Interchange ID Trading Partner Attributes

Account ID.............. ACCT1                                (actions 1-5)
User ID................. USER1                                (actions 1-5)
Interchange ID qualifier. 99                                  (actions 2-5)
Interchange ID.......... 987654321                           (actions 2-5)
Interchange account ID... ________                           (actions 2-5)
Interchange User ID..... ________                            (actions 2-5)

Action.......... 5   1. List Interchange ID trading partner attributes
                     2. Add Interchange ID trading partner attributes
                     3. Browse Interchange ID trading partner attributes
                     4. Change Interchange ID trading partner attributes
                     5. Delete Interchange ID trading partner attributes
                     6. Work with Interchange ID profile
```

You see a panel like this one.

Both the interchange ID qualifier and ID and interchange account ID and user ID display

To confirm the deletion, fill in Y and press `SUBMIT` (Enter) or `EXIT` (F3).

```
MA23OUS              Delete Interchange ID Trading Partner Attributes

Account ID.............. ACCT1
User ID................. USER1
Interchange ID qualifier. 99
Interchange ID.......... 987654321
Interchange account ID... GXS
Interchange User ID..... U9999877

Do you want to delete the Interchange ID trading partner attributes? (Y/N) _
```

To confirm the deletion, fill in Y and press SUBMIT (Enter) or EXIT (F3).

To cancel the deletion, choose one of the following:

- Type *n* and press SUBMIT (Enter) or EXIT (F3)
- Press CANCEL (F12)
- Press MAIN MENU (F4) and type something other than Y
- Press MAIN MENU (F4) and leave the field blank

If you chose to delete multiple items from the List Interchange ID Trading Partner Attributes panel:

- You see the confirmation panel for each interchange ID trading partner attributes you marked for deletion, unless you cancel the remaining deletions
- You can cancel all deletions by filling in N and pressing MAIN MENU (F4).
- You can delete this item only and cancel all remaining deletions by filling in Y and pressing MAIN MENU (F4).