Learn how to add a supplier record in Relais ILL.

**Add a supplier record**

Supplier records can be created based on an existing library record or independently.

To add a supplier record from a library record:

1. Retrieve the library record. See [Retrieve or view a library record](https://help.oclc.org/Resource_Sharing/Relais_ILL/Library_and_Supplier_records/Supplier_registration) for more information.
2. Click **Supplier**.
3. The following message displays: "Supplier does not exist, would you like to add one?" Select **Yes**.
4. The Supplier Registration screen displays with information prefilled from the library record. Add to or modify the supplier record as required. See below for details.
5. Click **Add**.

Note: While the library symbol is case sensitive, the supplier code is not. For example, when creating a supplier record from a library record with symbol = `oorii`, the supplier code will be `OORII`. If you then create a supplier record from a library record with symbol = `OORII`, the following message displays: "Supplier Code OORII already exists. Please enter a unique Supplier Code." An example of a unique supplier code would be `OORII1`.

**Adding an ISO supplier**

Once the supplier record is added:

1. Set **Supplier Category** to **External**.
2. In **ISO**, enter the email address or TCP/IP address and port provided by the supplier.
3. Set **Request Format** to **ISO**.
4. Set **Request Method** to **Messaging**.
5. Click **Update**.
6. Click **Connection** (to the right of the ISO box).

7. Set **Supplier Connection > Registration Source** to the appropriate value:
   - For a Canadian supplier: Library and Archives Canada
   - For an Australian supplier: National Library of Australia

8. In **Supplier Symbol > Registration ID** enter the symbol for the supplier.

9. Set **Registration Source** to the appropriate value for your library:
   - For a Canadian supplier: Library and Archives Canada
   - For an Australian supplier: National Library of Australia

10. Click **Ok**.
Note: If the ISO Connection information is not provided, then ISO requests will not be sent to the supplier. This information must be provided.

**Tiers**

Tiers can be used to create groups of suppliers, for example, geographical groups or consortia. Once a tier is created it can be sequenced along with individual suppliers. A supplier can belong to multiple tiers. In a shared Relais ILL system, tiers are shared.

- There is no limit to the number of tiers that can be created.
- There is no limit to the number of suppliers in a tier.
- When suppliers that belong to tiers are used in creating a routing list Load Balancing is used to determine the order.

**Create a tier**

To create a new tier of suppliers to be used in created routing lists.

1. Login to Supplier Registration or Library Registration > Supplier.
2. Click Routing.
3. Click Tiers.
4. Click **New Tier**.

5. Enter a code for the Tier (30 characters max) and a Description (100 characters max) and click **Ok**.

6. Select the newly created tier from the **Tier** drop down box.

7. Select a code from the **Supplier Code** drop down box.
   - Note: To navigate through the list of supplier codes, enter the first couple of characters of the code. This will take you directly to the entry in the list.

8. Click **Add**.

9. Repeat the last two steps until all suppliers are added to the tier. Click **Close**.

**Modify a tier**

To change the entries in an existing tier:

1. Login to **Supplier Registration** or **Library Registration > Supplier**.
2. Click **Routing**.
3. Click **Tiers**.
4. From the Tier drop down box, select the tier to be modified. The existing suppliers in this tier are displayed.
5. To add another supplier to the tier, select it from the **Supplier Code** drop down box and click **Add**.

   Note: If the supplier already exists in this tier it does not display in the Supplier Code drop down box. A supplier can belong to multiple tiers.

6. To delete a supplier from the tier, highlight it and click **Delete**.

7. Repeat the last steps as often as necessary. Click **Close**.

### Delete a tier

To delete an existing tier:

1. Login to **Supplier Registration** or **Library Registration > Supplier**.
2. Click **Routing**.
3. Click **Tiers**.
4. From the **Tier** drop down box, select the tier to be deleted.
5. Click **Delete Tier**, then click **Yes**.
   - If the tier you are deleting is part of an existing Supplier Sequence, it cannot be deleted. The following message is displayed:
     - "This Tier belongs to a currently sequenced list. It cannot be deleted until it is removed from all sequencing lists."
   - Delete the tier from all routing sequences and then delete the tier.
6. Click **Close**.

### Set a supplier inactive

If a supplier or an internal library/branch is to be closed temporarily and you do not want requests to be sent to the supplier or library during that time, then set the supplier record to **Inactive**.

1. Log into **Supplier Registration**.
2. Open the supplier record.
3. Set the **Supplier Inactive** flag to **No**.
4. Click **Update**.
5. Click **Close**.

When a Supplier is set to Inactive:

- It no longer appears in the **Available Suppliers** list.
- If it is retrieved in Search Manual. it is marked with an **x** and treated as an **Unregistered** supplier.

When you select the specific supplier record from the drop down list, it will immediately bring up that record.

1. Once you have retrieved the correct supplier record, change the **Supplier Active** field from no to yes (or visa versa).
2. Click **Update**.

The supplier should now be active and there will be no x next to it in the search manual tabs.

## Sequencing suppliers and tiers

Relais uses your preferred sequencing of tiers and suppliers when building a routing list for a request. See [Routing Lists](https://help.oclc.org/Resource_Sharing/Relais_ILL/Library_and_Supplier_records/Supplier_registration) for more details.

- Different sequencing can be defined for each request type. Within a request type different sequences can be defined for each of Copies and Loans.
- When there are multiple locations that are part of one tier then load balancing may be used to determine the order in which to use these location.
- If a tier or a supplier is not included in the sequencing, then the supplier(s) may or not be added to the end of the routing list. A setting is available to indicate the preference.
- See [Tiers](https://help.oclc.org/Resource_Sharing/Relais_ILL/Library_and_Supplier_records/Supplier_registration) for instructions on creating, modifying and deleting tiers (or groups of suppliers)

### Create a sequence

Find the steps to create a new preferred sequence of suppliers to be used in creating routing lists.

1. Add suppliers or tiers.
   1. Login to [Supplier Registration](https://help.oclc.org/Resource_Sharing/Relais_ILL/Library_and_Supplier_records/Supplier_registration) or [Library Registration > Supplier](https://help.oclc.org/Resource_Sharing/Relais_ILL/Library_and_Supplier_records/Supplier_registration).
   2. Click **Routing**.
   3. Select the **Request Type** from the drop down box.
   4. Select the **Delivery Type** from the drop down box.
   5. Select a **Supplier** or **Tier** from the appropriate drop down boxes.
      - Note: To navigate through the list of supplier codes enter the first couple of characters of the code. This will take you directly to the entry in the list.
   6. Click **Insert**.
   7. Repeat this process until all suppliers or tiers are added to the sequence.
   8. A pop-up box displays. Specify whether you want the selected supplier/tier to be added to the top or the bottom of the current list. The order can be changed later. Click **Cancel** to do nothing.
   9. Keep adding suppliers and tiers until all preferred suppliers display, for example:
2. Order the list of suppliers or tiers

1. There are two methods for ordering a list. A combination of both methods can be used to put suppliers / tiers in the preferred order.

   - **Method 1:**
     1. Select a supplier or tier and use the **Up** and **Down** arrows to move it in the list.
     2. To assign sequence numbers to the suppliers or tiers in the order in which they are currently displayed, click **Sequence**.

   - **Method 2:**
     1. Select a supplier or tier and enter the desired sequence number in the sequence column.
     2. Click **Sort** to order the list based on the sequence numbers assigned.
     3. Repeat the above as required until you have your preferred sequence for this request type.

3. Specify how to handle un-sequenced suppliers:

   - If set to **Use any un-sequenced suppliers found during the search process**, un-sequenced suppliers are assigned a sequence number of 999 and added to the bottom of the routing list for a request.
   - If set to **Drop any un-sequenced suppliers found during the search process**, un-sequenced suppliers are ignored and not added to routing lists.

4. Click **Close** to save the preferred sequence.

### Create a sequence using Cloning

To create a preferred sequence of suppliers to be used in created routing lists by using an existing sequence as the starting point.

1. Login to **Supplier Registration** or **Library Registration > Supplier**.
2. Click **Routing**.
3. Select the **Request Type** from the drop down box.
4. Select the **Delivery Type** from the drop down box.
5. Click **Clone List**.
6. Select the **Request Type** and **Delivery Type** to use as the starting point, from the appropriate drop down boxes.

7. Click **Clone List**.

8. Make any modifications to the preferred sequence as appropriate.

**Example 1**

For request type set to PAC (Core Patron), create a sequence for Delivery Type set to Copy based on the Delivery Type set to Loan.

1. Login to **Supplier Registration** or **Library Registration > Supplier**.
2. Click **Routing**.
3. Select **Core Patron** under **Request Type**.
4. Select **Copy** under **Delivery Type**.
5. Click **Clone List**.
6. Select the **Request Type** and **Delivery Type** to be cloned.
7. Click **Clone List** from the upper left corner.
8. A confirmation message displays. Click **OK**.
9. The new sequence is created and can be modified as necessary.

**Example 2.**

Create a sequence for request type set to PAE (Express Patron), with Delivery Type set to Copy based on the Request Type set to PAC (Core Patron).

1. Login to **Supplier Registration** or **Library Registration > Supplier**.
2. Click **Routing**.
3. Select **Express** Type under **Request Type**.
4. Select **Copy** under **Delivery Type**.
5. Click **Clone List**.
6. Select the **Request Type** and **Delivery Type** to be cloned.
7. Click **Clone List** from the upper left corner.
8. A confirmation message displays. Click **OK**.
9. The new sequence is created and can be modified as necessary.

**Modify a sequence**

At any time you can modify an existing sequence of suppliers or tiers.

**Delete a supplier or tier:**

1. Login to **Supplier Registration** or **Library Registration > Supplier**.
2. Click Routing.
3. Select the Request Type from the drop down box.
4. Select the Delivery Type from the drop down box.
5. Select the supplier or tier to be deleted.
6. Click Delete.

To add a supplier or tier, change the order of the sequence, or change how un-sequenced suppliers are handled. See [Sequencing suppliers and tiers](https://help.oclc.org/Resource_Sharing/Relais_ILL/Library_and_Supplier_records/Supplier_registration).

After all changes are made, click **Close**

**Delete a sequence**

To delete a preferred sequence:

1. Login to **Supplier Registration** or **Library Registration >Supplier**.
2. Click **Routing**.
3. Select the **Request Type** from the drop down box.
4. Select the **Delivery Type** from the drop down box.
5. Click **Delete List**. A warning message is displayed, click **Yes**.
6. Click **Close**.

Note: In Relais D2D and in shared Relais ILL systems, the weighting factor must be agreed upon by member libraries.