USERXPRESS
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userXpress documentation

Control Panel

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Control Panel

Applies to userXpress 2.0.0.0

Choose between connected clients and saved AutoStart entries, and understand connection details and status.

Use the **Control Panel** to choose the SAP clients in your workspace. It has two lists:

- **Connected Systems** contains the connections open for this session.
- **AutoStart Systems** contains saved connections that userXpress can open at startup.

A client can appear in both lists. Removing it from one list has a different purpose from removing it from the other.

Commands

Location and command	When to use it
Connected Systems → Add	Connect a client you want to work with now. You can also save it for AutoStart in the logon dialog.
Connected Systems → Remove	Disconnect the selected client and remove its data from the global tables.
AutoStart Systems → Add	Save another startup connection and connect it now.
Double-click an **AutoStart Systems** entry	Open a saved connection, or update its password logon details before connecting.
AutoStart Systems → Remove	Remove the selected entry from the saved startup list. An open connection remains available in Connected Systems.
AutoStart is On / AutoStart is Off	Enable or disable automatic connection for the whole saved list.

See Connect to SAP for the procedures and Loading systems for AutoStart progress and results.

Connected Systems columns

The list identifies each open connection and shows information read from SAP when it was opened.

- **Destination**: The description of the entry selected from the SAP Logon connection list. Use it to recognize the system by the name your organization uses.
- **Name**: The system ID and client combined into a connection name. For example, `DEVCLNT100` identifies system `DEV`, client `100`.
- **System**: The SAP system ID, such as `DEV`.

- **Client Type**: The client's purpose recorded in SAP: Production, Test, Customizing, Demo, Training/Education or SAP reference. A blank means no recognized client role was returned.
- **Product**: The installed SAP product description. A blank means product information was unavailable.
- **CUA**: An icon identifying a Central User Administration central or child system. Point to the icon for its description. A blank means CUA is not reported as active for this connection.
- **DB Host**: The database host reported by SAP.
- **DB Type**: The database system used by SAP.
- **IP**: The application server's IP address returned by SAP.
- **Kernel**: The SAP kernel release reported by the server.
- **OS**: The application server's operating system.

Destination names come from SAP Logon. To use a renamed entry, select it through **Add**. The combined **Name** is built by userXpress from the system and client.

SAP's client classification is maintained through transaction **SCC4**, in the **Client Role** field. The labels in userXpress describe that SAP setting. See SAP's client-role reference.

To display the CUA relationship in SAP, open **SCUA** → **Distribution Model** → **Display Structure**. CUA configuration is maintained in the central system. SAP's CUA structure documentation describes this view.

Additional connection columns

These columns are hidden in the default layout. **User ID**, **App Server** and **RFC Destination** help identify the account and server behind a connection.

- **User ID**: The SAP account used by this connection, including the account resolved by SNC single sign-on. Operations on the connection use this account's authorizations.
- **App Server**: The host name of the application server handling the connection.
- **RFC Destination**: The server-side destination identifier returned by SAP. **Destination** instead shows the entry name from your SAP Logon list.
- **Timezone**: The application server's time difference from UTC, expressed in seconds.
- **DST**: The daylight-saving indicator returned by the application server.

The following columns contain low-level server information that support can use when investigating a connection problem:

- **Char Set**: The RFC protocol value returned by SAP. Despite the heading, this value does not identify the server's character encoding.
- **Floating Point**: SAP's code for the server's floating-point number format.
- **Integer Format**: SAP's code for the server's integer number format.
- **Machine ID**: The machine identifier returned by SAP.

- **IPV6**: This column is empty in userXpress 2.0.0.0. Use **IP** for the address returned by the server.

Server details are read when the connection opens. An empty field means that value was not supplied to the table.

Connection interruption columns

Use **Error No** to identify a connection that userXpress is trying to restore:

- `0`: The connection opened successfully, or reconnection succeeded.
- `3`: The connection monitor detected an interruption and is trying to reconnect.

Error Text remains empty for these connection-monitor states. For a saved AutoStart connection, read **Comment** in **AutoStart Systems** for the reconnect message and attempt number.

These two columns describe userXpress connection monitoring. They have no corresponding SAP account field.

View system information in SAP

For SAP system, host and database information, open **System → Status** in SAP GUI. **Other kernel info** shows the kernel details. These are display values supplied by the server. See SAP's system-status reference.

AutoStart Systems columns

Use this list to identify a saved connection and read its latest connection result.

- **System Description**: The saved SAP Logon entry name.
- **Client**: The three-digit client to connect.
- **Client Type**: The last client classification saved after connecting. It is blank until a recognized classification has been obtained.
- **LogonUserID**: The saved SAP user for password authentication. SNC single sign-on entries can have a blank user ID because SAP determines the account from the sign-on identity.
- **Status icon**: The connection result, explained below. Read it together with Comment.
- **Comment**: The latest connection message, including a connection time, error or disconnection message. It is blank before a message has been recorded in the session.

The list stores connection settings and results in userXpress. To change a saved logon, use the AutoStart Logon dialog.

Connection status icons

- **Server icon without a result marker**: No successful connection is recorded for this entry in the session, or it has been disconnected. Comment distinguishes these cases.
- **Success marker**: The last connection attempt succeeded.

- **Error marker**: The connection attempt failed. Comment contains the error.
- **Reconnection marker**: The connection was unexpectedly lost and userXpress is trying to reconnect. Comment describes that attempt.

For the clients available to work with now, open **Connected Systems**. For a failed saved connection, follow If a connection fails.

Loading systems

Applies to userXpress 2.0.0.0

Follow AutoStart progress, interpret each client's result, stop loading and reconnect a client that failed.

The **Loading systems** window opens when AutoStart connects your saved clients. Use it to follow progress across several clients or find the reason one client did not load.

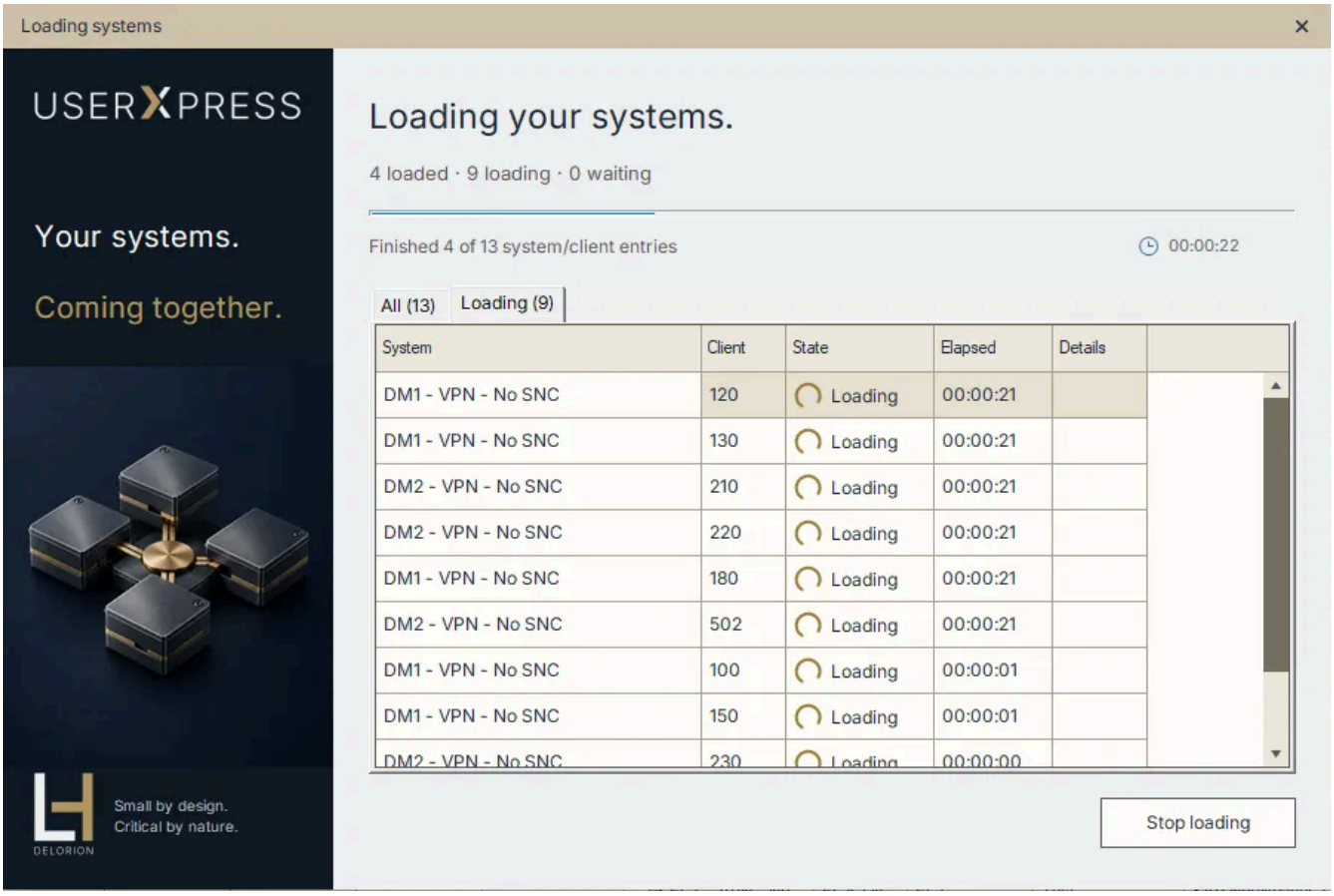
Each completed client becomes available in the workspace. A failure in another client leaves those completed connections available.

Follow loading progress

The window starts on **Loading**, which lists the clients being loaded. Choose a tab to change what you see:

- **All** shows every client in this AutoStart run, including waiting and completed entries.
- **Loading** shows clients whose loading is in progress. While a stop is being processed, the tab changes to **Stopping**.
- **Needs attention** shows clients with a warning or failure. The tab appears when there is a problem to report.

The number beside each tab shows its entry count. Changing tabs changes the displayed list while loading continues.



The Loading tab lists the nine clients still loading. Four of the thirteen clients have finished.

For each row:

- **System** and **Client** identify the connection.
- **State** shows progress or the final result, as explained below.
- **Elapsed** shows how long that client has been loading. After loading finishes, it shows the duration for that client.
- **Details** opens the explanation for a warning or failure.

The total elapsed time covers the whole run. The finished count includes successful, failed and stopped entries. Use **State** to distinguish those results.

Understand the result

- **Waiting:** This client is queued to load.
- **Loading:** userXpress is connecting or retrieving data.
- **Completed:** The client is available in the workspace.
- **Warning:** The client loaded, but an additional read or part of its preparation produced a warning. Open **Details** to see which information is affected.
- **Failed:** Loading could not complete. Open **Details** for the cause.

- **Stopping:** A stop was requested while this client was loading. userXpress is waiting for active SAP calls to finish.
- **Cancelled:** Loading this client stopped before completion. Connect it again when you need it.
- **Not started:** This client remained in the queue when the run stopped or ended. Connect it when you need it.

When all clients finish successfully, the window closes automatically. After a warning, failure or stop, it stays open to show the results. Choose **Close** to continue to the workspace.

Read a warning or failure

1. Open **Needs attention**.
2. Find the system and client, then choose its **Details** button.
3. Read the message identifying the failed read or connection problem.
4. Choose **Back to systems** to return to the list.

An installed-product warning, for example, means the connection loaded but its product information is unavailable. A rejected logon requires correcting that client's saved credentials. See connection problems for the corresponding action.

An error affecting the whole run has a **Loading error details** button below the list.

The completed-results window closes after a period without keyboard or mouse interaction. To allow more reading time, open **Settings** → **Connections**. Under **Startup**, increase **Close completed loading review after (seconds)** and choose **OK**.

Stop loading

Choose **Stop loading** when you want to end the run before all clients have loaded. userXpress stops starting queued clients and waits for active SAP calls to finish.

Completed clients remain connected. An active client that finishes before the stop takes effect also remains available. The final list identifies cancelled clients and entries that never started.

When the button changes to **Close**, choose it to return to the workspace.

Connect a client after a failed or stopped run

1. Resolve the problem described in **Details** for a failed client.
2. Close the loading window.
3. In **Control Panel** → **AutoStart Systems**, double-click that client's saved entry.
4. For password authentication, correct the logon details if necessary and choose **OK**. For SNC single sign-on, choose **Yes** to connect.

userXpress loads that client and adds it to the workspace. The saved-logon procedure explains how to change the credentials.