

ENTRÉNOC

**HOW-TO GUIDE:
DATABASE MIGRATION**



LT-1940 19374

DATABASE MIGRATION OVERVIEW

The Entré Database Migration Tool allows large organizations to import information from an existing Remote Link® SQL database. This information includes panel hardware, users, profiles, and schedules. When information from a Remote Link SQL database is validated and migrated to the Entré SQL database, the tool automatically generates a personnel ID number and a unique card number for each user. Entré NOC customers can obtain the Database Migration Tool by calling the Software Support Team at 888.436.7832.

PRE-MIGRATION CHECKLIST

Before attempting database migration from Remote Link to Entré, complete the following checklist to ensure data is imported properly.

Check for Duplicate IP Addresses in Remote Link

- Panels must have unique IP addresses in **Connection Information**. Duplicate IP addresses cause records to be imported, but programming is not editable. Attempting to import duplicate panels may also cause data loss during migration.

Check for Duplicate Panels in Remote Link


- Panels must have unique account numbers. This includes multiple copies of the panels in **Panel Information** and **Account Archive**.

Check for Duplicate User Codes in Remote Link

- User codes are contained within badges which are assigned to a personnel record. User codes that are duplicated across panels will be added as a single personnel record and badge. This badge contains a profile for each associated panel.

Users can exist in multiple panels with different statuses in Remote Link as in the following examples:

- User 1 assigned to Profile 1 enabled in Panel A
- User 1 assigned to Profile 1 disabled in Panel B

 **Note:** If using ambush code User 1, assign Profile 1 to it. Name Profile 1 so it will be placed in Slot 1 (profile names are sorted first by numerical order, then by alphabetical order).

Assign Custom IDs in Remote Link

- To ensure personnel and badges are not duplicated, a custom ID may be assigned in Remote Link. This custom ID will become the **Personnel ID** and **Badge Number** during the migration. To avoid duplicating the custom IDs and user codes from other panels, use a longer ID. For example, save user code **12345** with custom ID **12345678**.
 - › Badges associated with key fobs must be assigned a unique custom ID number.
 - › For a key fob to be valid in Entré, the badge profile associated with the fob must be assigned at least one arm/disarm area. If the fob is used as a panic, create a virtual area.
 - › If a badge without custom ID exists across multiple panels, it is named as the first panel that is verified. Profiles assigned to that badge are retained across all panels.

Name Devices in Remote Link

- Ensure that all devices have names. Devices without names are not valid in Entré.

Check Output Programming in Remote Link

- If outputs are programmed, ensure they are created in **Output Information**.

Check Area Programming in Remote Link

- If areas are programmed or assigned in **Profiles** or **Devices**, ensure they also exist in **Area Information**.

Enable Use PIN in Entré

- If a PIN exists for a user, it is imported into the Entré SQL database and verified with an SQL query. However, the PIN doesn't display in Entré unless **Use PIN** is enabled in **Configuration > System Configuration**.

Additional Information

Keep the following information in mind when migrating a database from Remote Link to Entré.

- › For XR550 panels, devices that use the zone expander device type (**EXP**) are imported as keypads.
- › If **Sunrise** or **Sunset** have been selected in a schedule, they are displayed as **00:00**.
- › Holidays import as **A** (National), **B** (Company), and **C** (Religious).
- › Users from Remote Link import as **[First Name Last Name]** unless values are separated by a comma. For example, **John Doe** imports as **[John Doe] []** where **John, Doe** imports as **[John] [Doe]**.

For additional information and assistance with this tool, contact the DMP Software Services Team.

RUN THE DATABASE MIGRATION TOOL

1 Launch the Application

If Remote Link or Entré are running, close both programs and stop the Entré service before attempting a database migration. To launch the application, right-click the Database Migration Tool icon and choose **Run as Administrator**.

2 Connect the Entré Database

Note: Imports should only be performed on a new, empty Entré SQL database.

1. Enter your Entré SQL database information into the following fields:
 - **Entré Data Source (SQL Server)**—The Entré SQL database IP address. For example, **127.0.0.1**
 - **Entré Database Name**—The SQL database name
 - **Entré Database User**—The SQL username for the Entré SQL database
 - **Entré Database Password**—The SQL password for the Entré SQL database
2. To confirm the connection to the Entré SQL database, press **Test**.

Remote Link To Entré Migration Tool - Entre 8.3

Entre Settings

Entre Data Source (SQL Server)

Entre Database Name

Entre Database User

Entre Database Password

Test Entre Connection

Remote Link Settings

Remote Link Data Source (SQL Server)

Remote Link Database Name

Remote Link Database User

Remote Link Database Password

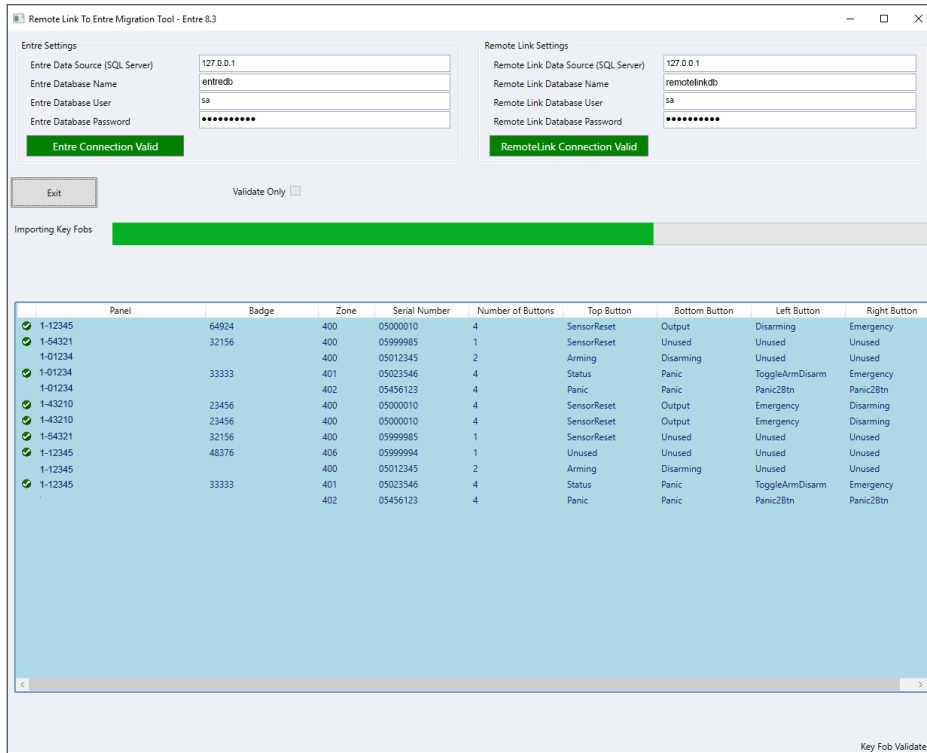
Test Remote Link Connection

Read Panels

Validate Only

3 Connect the Remote Link Database

1. Enter your Remote Link SQL database information into the following fields:
 - **Remote Link Data Source (SQL Server)**—The Remote Link SQL database IP address. For example, **127.0.0.1**
 - **Remote Link Database Name**—The SQL database name
 - **Remote Link Database User**—The SQL username for the Remote Link SQL database
 - **Remote Link Database Password**—The SQL password for the Remote Link SQL database
2. To confirm the connection to the Remote Link SQL database, press **Test**.
3. To save your settings, press **Save**.
4. The first time you use the Database Migration Tool, you are prompted to load, validate, and import information. Successive uses of the tool fully import data without requiring this step.



RESTART SERVICES AND VALIDATE MIGRATION

Restart Entré Service

Go to **Task Manager** and select the **Services** tab. Right-click the Entré service and select **Start**.

Validate Database Migration

Launch Entré. Verify that information, including programming, has been imported correctly from the Remote Link SQL database. Ensure panels appear in the hardware tree and check user information, such as user codes, profiles, badges, schedules, personnel ID numbers, and unique card numbers.



*Designed, engineered,
and manufactured in
Springfield, Missouri*

INTRUSION • FIRE • ACCESS • NETWORKS

2500 North Partnership Boulevard
Springfield, Missouri 65803-8877

800.641.4282 | dmp.com