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From Tyco Security Products

victor CEM Integration Migration Guide

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To upgrade the victor CEM AC2000 Integration driver from version 5.3 to version 5.4, you must use the victor-CEM Migration Tool.

Complete the following procedures to upgrade your integration driver.

Prerequisites

Before you start these procedures, back up your victor 5.3 database. For more information about backing up a victor database, refer to the *victor Unified Client / victor Application Server Administration and Configuration Guide*.

Before you install the new Victor V10 integration driver, ensure that you upgrade the CEM CDC System from V8 to V10 as part of the upgrade process.

Procedure 1 Pre-migration update

1   Update victor from version 5.3 to version 5.4. For more information about updating victor, refer to *Upgrade options for victor and VideoEdge*.

2   Log in to the CDC Server as the root user. On the **Displayed** menu, ensure that the Victor Integration Service and the API Integration Service are running.

3   After you update victor to version 5.4, ensure that you update any non-CEM integrations that are installed on your system.

4   After you update victor, apply an updated victor 5.4 license that include the CEM Driver license component.

   a   On the Desktop, right-click the **Licensing** icon and select **Run as administrator**.

   b   In the License Manager, click **Add new license**, navigate to the updated license file, and click **Open**.

5   Disable the old CEM Driver:

   a   On the Desktop, right-click the **Server Configuration** icon, and select **Run as administrator**.

   b   In the Server Configuration Application, on the **Services** tab, stop the legacy CEM Victor 5.3 Integration Driver.

   Note:
   After the migration completes, you must uninstall the legacy driver. For information about the Migration process, see Procedure 3.

6   Back up your victor 5.4 database.

7   Stop the victor Application Server services:

   a   On the Desktop, right-click the **Server Configuration** icon, and select **Run as administrator**.

   b   In the Server Configuration Application, on the **Services** tab, stop the Crossfire Framework Service and the CrossFire Server Component Framework Service.

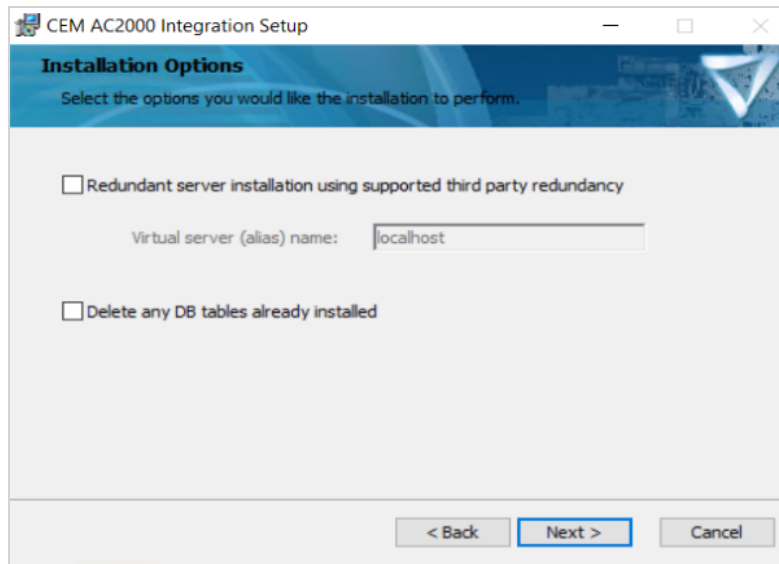## Procedure 2 Updating the CEM AC2000 Integration driver

1   Right-click the installation file and select **Run as administrator**.

2   Use the installation wizard to install the CEM AC2000 driver.

⚠ Caution

Do not select the **Delete any DB tables if already installed** checkbox.

Figure 1: Installation options

3   After the installation completes, verify that the AC2000 in installed on the victor Application Server and that it is running.

4   Create a "cdc" CDC profile using a PostgreSQL Unicode(x64)

> **Note:**
> victor and the migration tool use this profile to This "cdc" profile is used in victor and the migration tool as defined later to allow it to connect to the 64-bit ODBC CEM AC2000 CDC using this newly created ODBC connection.

    a   In the **Server** field, enter the IP Address of CDC Server

    b   In the **Username** field, type `cem`

    c   In the **Password** field, type `CEM!a2k14`

    d   In the **Port** field, type `5432`

    e   Click **Save** .

    f   Click **Test DSN** to verify that the ODBC connection can connect to the CDC system.

Figure 2: Configuring ODBC connection information

5   Start victor Client.

6   Create an AC2000 CDC Server Profile and enter the details of the ODBC profile that you previously created.

Figure 3: Configuring the CDC server profile

7   Import the CEM system Doors and Personal to victor.

      a   In the **Devices** list, right-click the CDC profile and select **Synchronize**.

      b   After the synchronization completes, restart victor Client and verify that the Doors are displayed in the Devices list.

8   Configure the AC2000 Sync Settings:

      a   From the Navigation bar, select the **Configuration** icon.

      b   Select **Settings**, and then select **AC2000 Settings**.

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c   In the **AC2000 Sync Settings** section, select **Daily** from the **Reocurring** list.

Procedure 3 Migration Software Tool

1   Before you start the Migration Software Tool, close victor client and stop all the victor Application Server services.

2   Ensure that you back up the victor 5.4 database, so that a restore point is maintained.

3   Start the Migration Software Tool.

4   In the IP Address field, enter one of the following options:

  • Enter the Host IP address

  • Enter localhost\SQLEXPRESS if the Database is on the local Machine that is hosting the victor Application Server

5   Select the **Use Windows Auth** checkbox and enter the username and password for the administration user account that you used to install the victor database.

6   In the **CEM ODBC Connection** field, the CEM ODBC Connection is the 64-bit ODBC connection details as predefined before cdc.

7   Click **Login** to connect to the CEM database.

Figure 4: CEM database login configuration
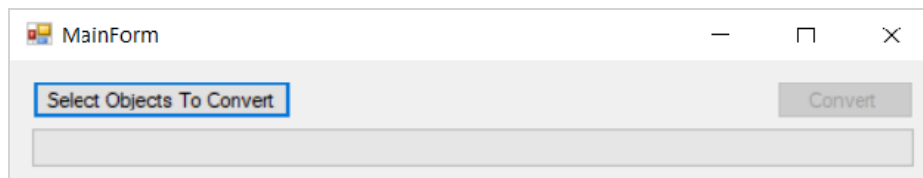

Note:
If the Migration Software Tool cannot connect to the CEM database, the following error message displays:
```
Victor SQL Connection Failed. Try again?
```
To resolve this issue, verify the hostname and cdc settings and then click **Login** again.

8   Select the objects to migrate:

a   Click **Select Objects To Convert**.

b   Select the checkboxes for any objects that you want to migrate.

Note:
• On the Doors tab, you can also enable or disable the door.
• All objects on the Event/Schedule and Maps tabs are selected by default.
• To exclude an object from migration, clear the object's checkbox.
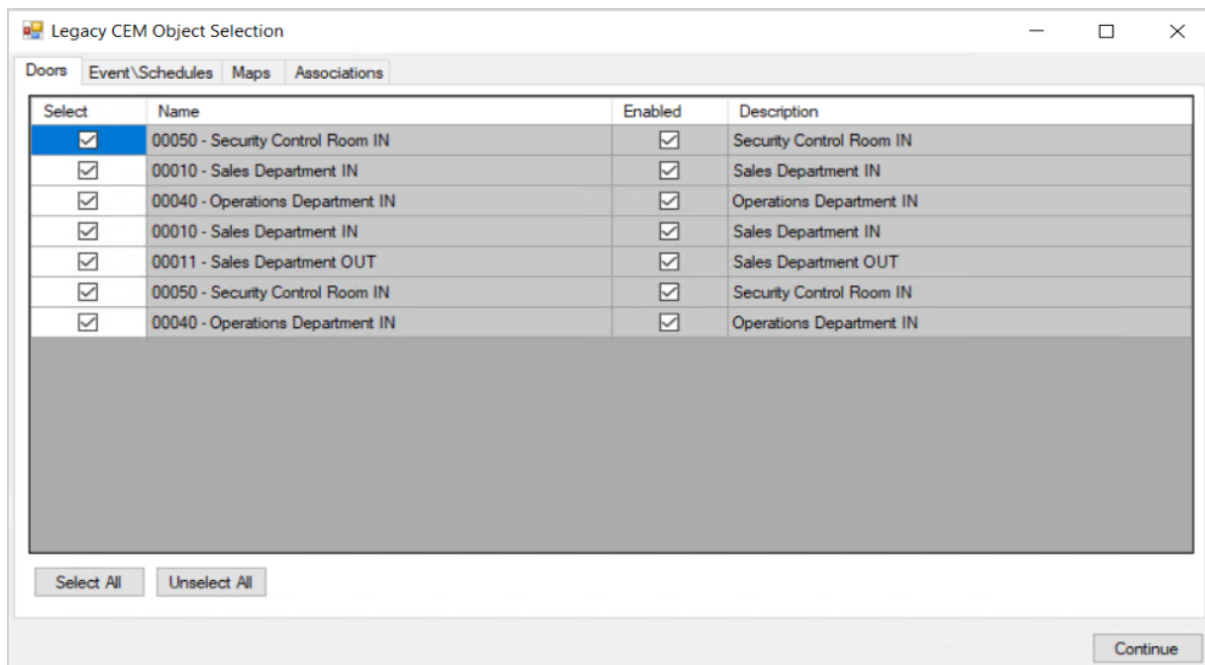
Figure 6: Door objects

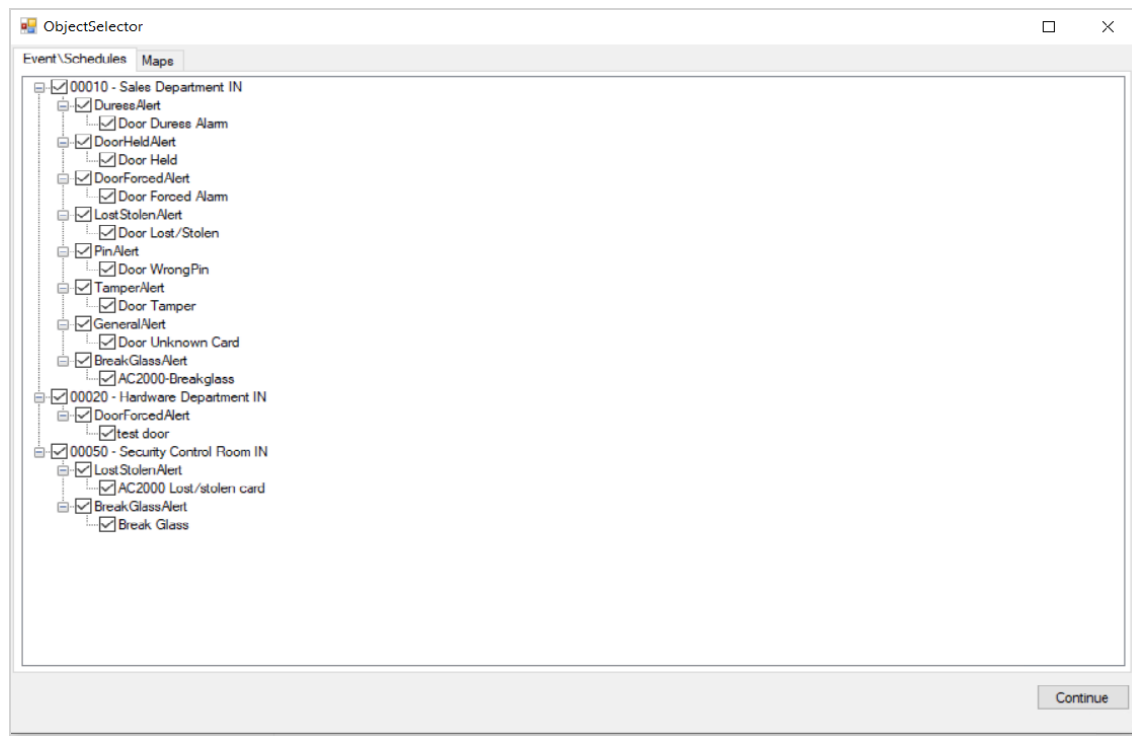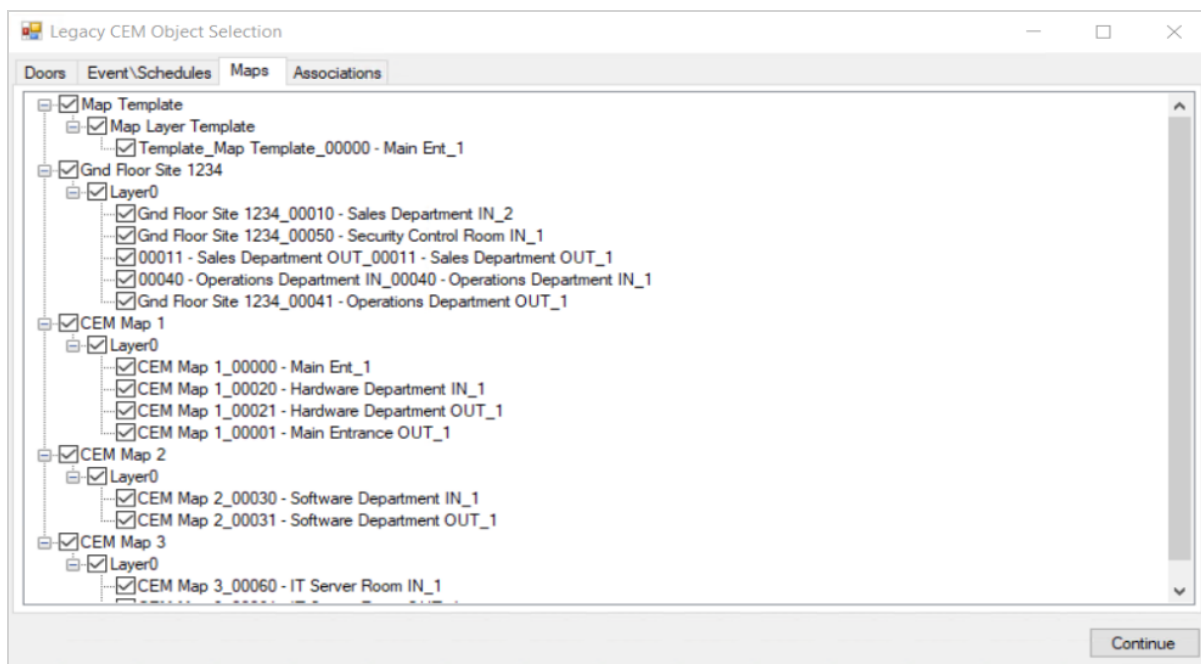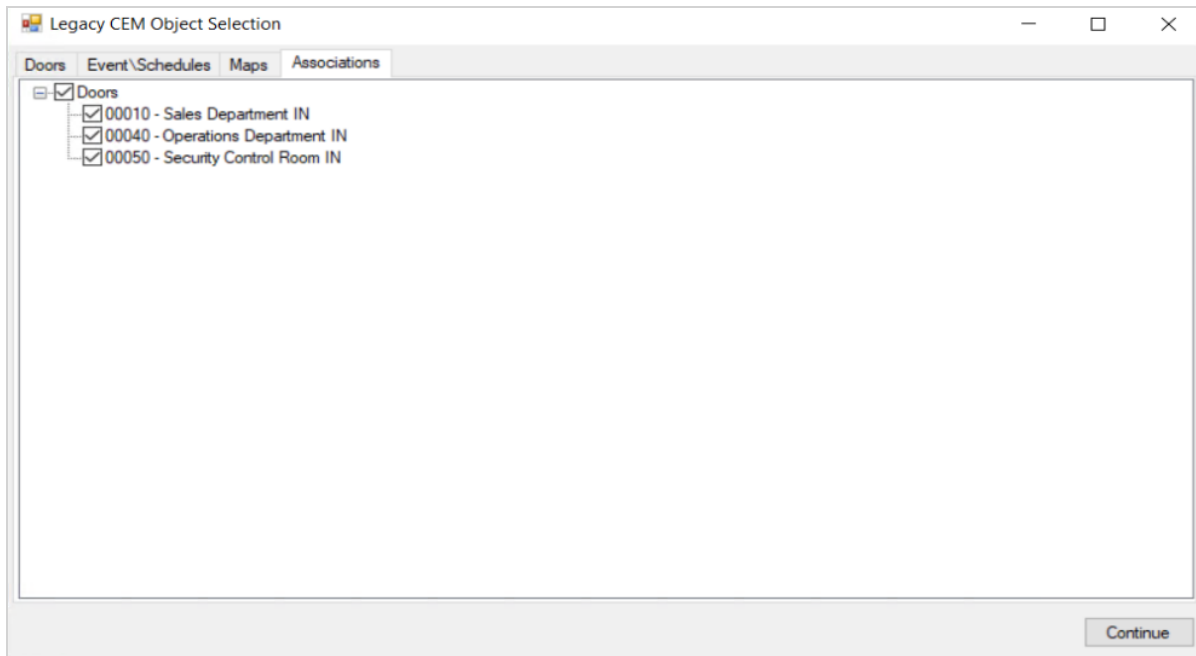**Figure 7: Event and schedule objects**

Figure 8: Map objects

c   After you select the objects to migrate, click **Continue**.

9   To start the migration process, click **Convert**, and then click **Yes** to confirm.

10 When migration process completes successfully, the following message displays:

```
All doors have been converted and synced with the new AC2000 devices
```

11 Close the Migration Software Tool.

12 After you migrate your CEM Access System to victor 5.4, uninstall the CEM integration for victor 5.3.

13 Restart the victor Application Server and CEM Driver services:

a   On the Desktop, right-click the **Server Configuration** icon, and select **Run as administrator**.

b   In the Server Configuration Application, on the **Services** tab, start the Crossfire Framework Service and the CrossFire Server Component Framework Service.

c   After the Crossfire services restart, start the CEM Driver.

14 Log into victor Client and verify that all migrated objects are present.

Post Migration

The CEM integration software for victor 5.4+ supports Door Inputs, Door Outputs, Broadcast Zones, CDC Server, and RTC Server. If you upgrade your integration driver from an earlier release, the migration tool generates door inputs automatically. Door Inputs appear on the victor maps that contain their associated doors. The migration tool does not generate Door Outputs, Broadcast Zones, RTC Controllers, or CDC Servers. You can add these objects to victor maps manually.

During the migration process the system generates Doors and Door Inputs separately. When these objects appear on a victor map, they use different icons.

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Table 1: CEM object icons

Icon	Description
	Door Input
	Door

Door Inputs that are generated by the migration process are automatically overlaid on their associated Door icon. After the migration process completes, review any victor maps that contain Doors. Reposition Door Inputs so that they don't obscure door icons, or delete the Door Inputs if you don't need them. In the following image, the Door icon is highlighted in blue, and 12 Door Input icons are relocated above the associated Door.

Figure 10: victor Map with door input objects

The migration process also generates a Door Input icon in the victor Template Map. After the migration process completes, reposition the Door Input icon so that it doesn't restrict access to the Door Icon. You can also configure the Door Input's color annunciation settings. Any annunciation settings that you configure on the Template Map automatically apply to Door Inputs on other victor maps.

You can configure Door Inputs to trigger events and actions. Door Inputs support all External Alarm types except Door forced and Break Glass, which are associated to the Door for the ease of migration. Door Inputs are also compatible with Custom Alarms. You can associate up to 20 Custom Alarms with the Custom defined CDC External Input Alarm types.

Figure 11: AC2000 Custom alarms in victor

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