American Dynamics
From Tyco Security Products

Unified victor Integration Software for CEM AC2000

Release Notes
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This document provides important information about the Unified victor integration software for CEM AC2000. Read this document before installing the product.

Product: Unified victor integration software for CEM AC2000
- CEM AC2000 Software: 10.1.7463 r4 + Patch 4297
- Integration Software: 1.1.36.5410

1. Overview

The Unified victor Application Server provides seamless integration with the CEM AC2000 access control system. The customer can view all critical security alarms in one station on one screen. The following are CEM AC2000 Systems which are supported:

- CEM AC2000 10.1.7415 r2 + Patch 4297
- CEM AC2000 10.1.7458 r3 + Patch 4297
- CEM AC2000 10.1.7463 r4 + Patch 4297

This integration was tested using firmware version CEM AC2000 v10.1 r2 plus the Update patch P4297

2. Features

The unified victor Application Server integration software for AC2000 offers the following features:

- Support for multiple CEM AC2000 CDC servers. Each victor server can support up to 10 CDC servers.
- All server activities are logged in the security journal, allowing alarms to be reviewed together in future investigative reporting.
- Supports Alarms from AC2000 Access Control systems.
- Create, edit, or delete AC2000 objects.
- Create, edit, or delete Alarm Point objects.
- AC2000 objects under Devices list.
- AC2000 objects under Sites list.
- AC2000 objects and annunciation on Maps.
- Supports importing the following objects:
    - AC2000 CDC Servers
    - RTC controllers
    - Readers
    - Inputs
    - Outputs
    - Broadcast zones
- Alerts for AC2000 objects
- Object Association for AC2000 sensors. Activate and Deactivate manual actions on AC2000 Sensors.
- AC2000 object supported in Find in Journal and Find on Map.

- Installation available on victor Remote Clients.
- Supports Swipe and Show for AC2000 card swipes.
- View card swipes in a Transaction Display.
- Filter incoming AC2000 alarms from victor.

3. Hardware Requirements

CEM AC2000 Integration has the same hardware, software, and disk space requirements as the Unified victor Application Server. If the target computer can install Unified Server, then it satisfies CEM AC2000 Integration requirements.

4. Software Requirements

The victor Unified Server Integration for CEM AC2000 requires the following software versions:
- CEM AC2000 10.1 r4
- victor Client: v5.4
- victor Unified Client: v5.4.1

Note:
- You cannot install the CEM AC2000 integration server components on a victor Application Server MAS.
- You must install the CEM AC2000 integration client components on any client workstations that you want to use to configure AC2000 objects.

5. Licensing Requirements

The victor CEM AC2000 integration requires an extra API license to use the API on the CDC Server. Contact CEM systems for licensing requirements.

6. Qualified Operating Systems

This integration driver supports all operating systems that victor supports. Refer to victor product data sheets for further information.

7. Contents

The unified victor Integration software for CEM AC2000 contains the following files:

File	Description
AC2000_Integration-1.1.36.5410_AD.exe	CEM AC2000 Installation Setup file
Victor AC2000 Migration Tool-1.136.18.5410_AD.exe	CEM AC2000 v8 to v10 Integration Driver Migration Tool
victor-CEM-v5-4-1-UM-8200-1147-1192-A0-en.pdf	CEM AC2000 Integration User Manual
victor-CEM-v5-4-1-RN-8200-1147-1193-A0-en.pdf	CEM AC2000 Integration Release Notes
victor-CEM-v5-4-1-Migration-8200-1902-01-A0-en.pdf	victor CEM Integration Migration Guide

8. Pre-Installation

Ensure that your firewall allows connectivity between the victor Application Server and the CEM AC2000 server. The default port for CEM AC2000 TCP port 5432, (PostgreSQL connection port).

Close any running applications to avoid installation problems.

Before you install the Integration, ensure the following have been completed:
To install the integration on the victor Application Server:
- You must have appropriate Windows permissions.
- You must have membership in the local Administrators group, or equivalent privileges. Refer to the Microsoft Operating System document or system administrator for more information.
- You must install the victor Application Server.
- Before you install the new Victor integration driver, ensure that you upgrade the CEM CDC System from V8 to V10 as part of the upgrade process.

To install the integration on the clients:
- You must have appropriate Windows permissions.
- You must have membership in the local Administrators group, or equivalent privileges. Refer to the Microsoft Operating System document or your system administrator for more information.
- You must install the Administration Workstation.
- You must install the Monitoring Station.
- You must install victor client.
- Before you install the new Victor integration driver, ensure that you upgrade the CEM CDC System from V8 to V10 as part of the upgrade process.

9. Installation

Complete the following procedure to install the unified victor/ C·CURE 9000 Integration Software for AC2000 on the server and the client.

Note: You must install the CEM AC2000 Integration in the same folder as unified victor and C·CURE 9000.
1. Open the `AC2000_Integration-x.x.x.x_AD.exe` file.
2. On the CEM AC2000 Integration **Welcome** screen, click **Next** and follow the Install Wizard prompts.
3. On the **License Agreement** page, select the **I accept the terms in the license agreement** checkbox and then click **Next**.
4. Click **Finish** to complete the installation.

10. Post Installation

After the installation completes, restart the CrossFire Services and the AC2000 Driver Service:

1. On the desktop, right-click the **Server Configuration Application** and select **Run as Administrator**.
2. On the **Services** tab, click **Stop Service** for the **Crossfire Framework Services** and wait for all Services to show **Status**: **Stopped**
3. Click **Start Service** for the **Crossfire Framework Services** and wait for it to show **Status**: **Running**
4. Click **Start Service** for the **Crossfire Server Framework Services** and wait for it and others to show **Status**: **Running**
5. On the **AC2000 Driver Service**, click **Start Service** and wait for it to show Status: **Running**

11. Upgrading the CEM AC2000 Integration

Note: Before you upgrade this integration, back up your victor Application Server database.

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

You can install new versions of the CEM AC2000 integration for victor without removing the current version. To retain your CEM AC2000 configuration, do not select the **Delete any DB Tables already installed** checkbox during the upgrade process.

12. Issues and Limitations

- There is a known issue with the overall CDC Server health status showing red when it should be green on minimization.
- The upgrade of this driver is supported using the User Account which was used to install an earlier version of the CEM AC2000 integration.
- There is known issue with victor roles where AC2000 Actions cannot have the show permission removed.
- AC2000 Readers are only listed under the Doors filter in the device list and not in the AC2000 device list hierarchy. However, victor sites/folders can be configured to create any custom device hierarchy required.
- Swipe and Show command buttons are not supported for this integration. Only view personnel details is supported
- There is known issue with victor Event/Schedule Setup for AC2000 doors, where the first two entries (Open Status Closed, Alarm State Status Forced) on the Add Alerts list has no function.
- There is a known issue that when synchronizing the Doors initially that they do not appear in the Device manager List until the client is closed and reopened.
- There is a known issue when a predefined Event Name is edited this does not get updated in the Event/Schedule view until the client is closed and reopened.
- There is a known issue that this integration will not work in a MAS architecture.
- There is a known issue that self-canceling CEM alarms can be acknowledged and cleared from victor.

13. Release History

- 1.1.11 (Nov 18)
  - Adding PostgreSQL ODBC driver install and configuration steps to install process.
  - New feature to auto populate the Site View Group List.
  - Add AC2000 swipe outcome information to transaction view.
- 1.1.16 (Jan 19)
  - Resolve issues with ODBC installer
  - Remove AC2000 Doors option from the map, Doors can be used
  - Resolve issues with latest alarm status on AC2000 devices.
- 1.1.36 (May 19)
  - Added support for AC2000 10.1
  - Added support for victor 5.4
  - Added AC2000 Doors option back to maps
  - Resolved issue for custom icons for AC2000 Doors
  - Resolved issues with Health Dashboard for AC2000 Devices
  - Filtered event types per AC2000 device type
  - Renamed AC2000 Zones to AC2000 Broadcast Zones
  - Added support for expiring AC2000 Cards
  - Added support to get Site ID from AC2000 Server
  - Added support to get AC2000 Outputs from AC2000 Server
  - Added updated icons for AC2000 Outputs, Inputs and Broadcast Zones
  - Removed custom Edit and Delete icons and replaced them with default victor Icons
  - Removed custom Add and Show All icons

End of Release Notes