

# CBAS 24 Changelog

## 2025 August 21st

- Resolved issue where an unexpected error “Invalid Paths (type=0)” caused crashes.
- Resolved issue where “Add from Template” feature was not adding channels to parent database.
- Resolved issue that arises when duplicate names are already present in the database.
- Updated “Hardware > Add Panel” screen to only show relevant controllers.

## 2025 August 20th

- Introduced new offline login capability.

## 2025 August 14th

- Resolved synchronization issue between databases with regard to the order of the all points list.

## 2025 August 13th

- Improved handling to prevent resource exhaustion when restoring large backups.

## 2025 August 5th

- Improved database closing and reconnecting operations.

## 2025 June 23rd

- Patched various issues related to editing graphics.

## 2025 June 9th

- Reserved terms 'alarm', 'normal', and 'lost' are now blocked from being used as units, as they are reversed for system conditions—this change aims to reduce operator confusion.

## 2025 June 5th

- Resolved issue where runtime points were not incrementing.

## 2025 June 4th

- Introduced a new 'Software' button on the Binary Input Point Program screen.

### **2025 May 30th**

- Removed MySQL as a dependency when backing up and restoring a database.

### **2025 May 22nd**

- Introduced the ability to create custom splash screens using a CBAS Graphic, .pdf, .jpeg, .png, .html file, or web page.

### **2025 April 29th**

- Improved the speed when charting historical trends.
- Resolved database failures caused by the Windows 11 24H2 update.

### **2025 April 28th**

- Improved the speed when closing a database.

### **2025 April 10th**

- Resolved an issue causing an error to occur when attempting to duplicate graphics.
- Resolved an issue causing the font size in the graphics editor to increase on restarts.

### **2025 April 3rd**

- Introduced a new Graphics Only mode when restoring a database.

### **2025 March 31st**

- Resolved an issue with mail slots for logging, that was introduced by the Windows 11 24H2 update.

### **2025 March 27th**

- Improved the BACnet Setup dialog.

### **2025 February 26th**

- Resolved an issue where clicking a blank logical group grid space caused a crash.

### **2025 February 24th**

- Introduced a secure connection to the VAVB Utility.

### **2025 February 19th**

- Resolved an issue that caused graphics not to load every time they were selected.
- Introduced a Show Traffic screen for on-controller BACnet channels.

### **2025 February 18th**

- Significantly improved the sync file write times.
- Resolved unexpected behaviors with the edit and insert graphic forms.

### **2025 February 13th**

- Resolved database synchronization problems on deletes.
- Resolved database synchronization problems with resources and schedules.

### **2025 February 12th**

- Resolved database synchronization issues.

### **2025 February 11th**

- Resolved an issue where restoring and installing a database would point to the wrong folder.
- Resolved an issue where the history database connection would disconnect on duplicate records.
- Resolved an exception that would occur related to the maximum allowed database connections.
- Resolved unexpected behavior with the graphics view back button.

### **2025 February 6th**

- Improved the logical group overlay type in graphics by adding options to toggle a header column and change the point name text alignment.

### **2025 January 31st**

- Introduced arrow key support to the menu bar.
- Resolved an issue where graphic overlay pointers would get corrupted on insert.

### **2025 January 28th**

- Resolved an issue where renaming a point would cause a tilde to appear at the end as though its name were duplicated.

### **2025 January 21st**

- Resolved an issue that prevented splash screen from loading after a Windows 11 update.

### **2025 January 15th**

- Resolved an issue that caused the system report generation to hang.

### **2025 January 13th**

- Significantly improved the user experience when programming logical groups.

### **2024 December 16th**

- Introduced the option to run as a Windows service.

### **2024 December 12th**

- Significantly improved the user experience when programming Computrol Wall Sensors.

### **2024 December 5th**

- Several database synchronization improvements.

### **2024 December 3rd**

- Connections from CBAS.Live now appear in the workstation channel.

### **2024 December 2nd**

- UNI-Cs added to an ethernet channel now automatically include the WiFi strength as a preset system point.
- Installer now performs a required history archive upgrade.

### **2024 November 26th**

- Resolved an issue with UTF encoding that caused the history database to reconnect continuously and prevented history from saving.
- Resolved an issue related to child database syncing for points, which would cause a crash on template controller additions.

### **2024 November 14th**

- Introduced database synchronization support for optimal start/stop, non-linear lookups, triggers, and sequences.

### **2024 November 13th**

- Introduced database synchronization support for logic statements, on re-builds only.

### **2024 November 12th**

- Introduced database synchronization support for alarms, on re-build only.

### **2024 November 2nd**

- Updated database replication to protect against pathing and file permission issues with the SSH keys.
- Introduced a routine to export CBAS history to CBAS.Live.
- Resolved an issue with the database rebuild function during synchronization.

### **2024 October 30th**

- Improved support for running CBAS dongleless.

### **2024 October 28th**

- Resolved a database binary permissions issue that was occurring on Windows Server 22 installs.

### **2024 October 24th**

- Resolved an issue where the secure peer feature would not work because IP addresses were being printed backward.

### **2024 October 22nd**

- Resolved an issue where Panels ChannelIndex was not correct in the parent database.

### **2024 October 15th**

- Fixed an issue where items encrypted with 32-bit programs did not decrypt correctly in the new 64-bit CBAS.

### **2024 September 26th**

- Added a list dialog that opens Autodesk DWG TrueView to view AutoCAD reports and navigates to Autodesk's site if it's not installed.

### **2024 September 24th**

- Fixed issues that prevent DPU crash upon Secure GW and Live GW connections.

### **2024 September 18th**

- Reduced timeout for SSH replication.
- Fixed an issue where null pointers caused GW connections to crash upon user log on.

### **2024 September 4th**

- Updated the live analog filter to fix chunky saves on the live database.

## **2024 August 27th**

- Added a Logical Group Overlay Graphics Object.

## **2024 August 14th**

- Added Wifi Strength column in Hardware View.
- Added a part number report.

## **2024 July 10th**

- Added terminating register check.

## **2024 June 24th**

- Added Siemens FLN BIM controller.

## **2024 June 20th**

- Refactored Hardware View tables.

## **2024 May 15th**

- Added ability to order points in a logical group.
- Swapped MySQL database with PostgreSQL.

## **2024 May 7th**

- Stopped severing client connections when making backups.

## **2024 May 2nd**

- Added a button to rebuild the database in order to sync PostgreSQL with XDbase.
- Encrypted all config and login files.

## **2024 April 18th**

- Added 31 days of History to backups by default.

## **2024 April 16th**

- Added Modbus IP push to OnController.

## **2024 March 28th**

- Added the requirement for Administrator privileges.
- Added better error code handling.
- Fixed MQTT disconnect crash in paho on failed pointer.

### **2024 March 15th**

- Added a new 'Live GW' mode to connect to CBAS remotely.
- Switched Graphics from MySQL database to PostgreSQL.

### **2024 February 12th**

- Added MQTT protections.
- Fixed LiveConfig issue by protecting against a large queue.

### **2024 February 4th**

- Added an alarm to alert the user of incorrect serial numbers being reported.

### **2024 January 23rd**

- Switched MySQL connection port from 3306 to 3307.
- Fixed a path issue in the Access Control report.

### **2024 January 8th**

- Migrated alarm emails into the CBAS24 Cloud Interface.

### **2024 January 4th**

- Added Sort to Hardware Views that contain a list of non-serial addressed Controllers.
- Switched login to v2 for speed improvements.
- Fixed issue with Add and Remove OnController Channels.