

## CSZ EZ-VIEW

TEST CHAMBER CONTROL, MONITORING & DATA LOGGING SOFTWARE





Our EZ-View software provides chamber control, monitoring, and data logging for up to 128 devices on a single PC. Incorporates frequently used functions of the CSZ EZT controller all from one workstation making EZ-View the ideal choice to easily manage the test chambers in your lab. Remote Desktop provides the ability to remotely control & monitor all of the chambers on the link from one PC.

## Simplified Programming

Profile entry with spreadsheet and graph monitoring of complete profile. Easily create profiles and download to all CSZ chambers on the link. Profiles may also be exported to USB drive.

EZT-560 Overview

EZT-570/560 Overview Screen

ST#	Time (h:m:s)	Temperature	Humidity	Product
1	0:0:2	42.3	12	0
2	0:15:0	42.3	12	0
3	0:0:2	8	95	0
4	0:15:0	8	95	0
5	0:0:2	16	98	0
6	0:15:0	16	98	0
7	0:0:2	40	98	0

Current Profile Loaded Is: Humidity\_C

EZT-570/560 Profile Screen



## Stop, start and hold profiles.

Profile status view provides an at-a-glance view of current profile condition along with estimated stop date/time, current step and time remaining in the profile.

The screenshot shows the 'EZT-430i Detail View' window. The 'Detail' tab is active, displaying 'Data Logging' with 'Temperature + 24.7 PV + 500 SP + 100.00 %'. Below this, the 'System Events' section shows 'CHAMBER' as the active event. The 'Profile Status' section includes 'Start Profile on stage: 1' and three large buttons: 'RUN', 'HOLD', and 'STOP'. The 'Profile Name' is 'Stage 1 - Time Remaining = 0.00' and 'Cycle Data' shows 'Cycles Remaining = 1'.

EZT-430i Overview Screen

CSZ EZ-View for simplified chamber control, monitoring & data management

The screenshot shows the 'EZT-430i Detail View' window with the 'Profile Entry' tab active. It displays 'Global Profile Settings' with 'Total Stages: 5' and 'HoldBack Loop 1: 1'. The 'Stage # / Events' section shows '1' with checkboxes for 'CHAMBER', 'HUMIDITY', 'DRY AIR PURGE', and 'AUX COOLING'. Below is a 'Profile Data' table:

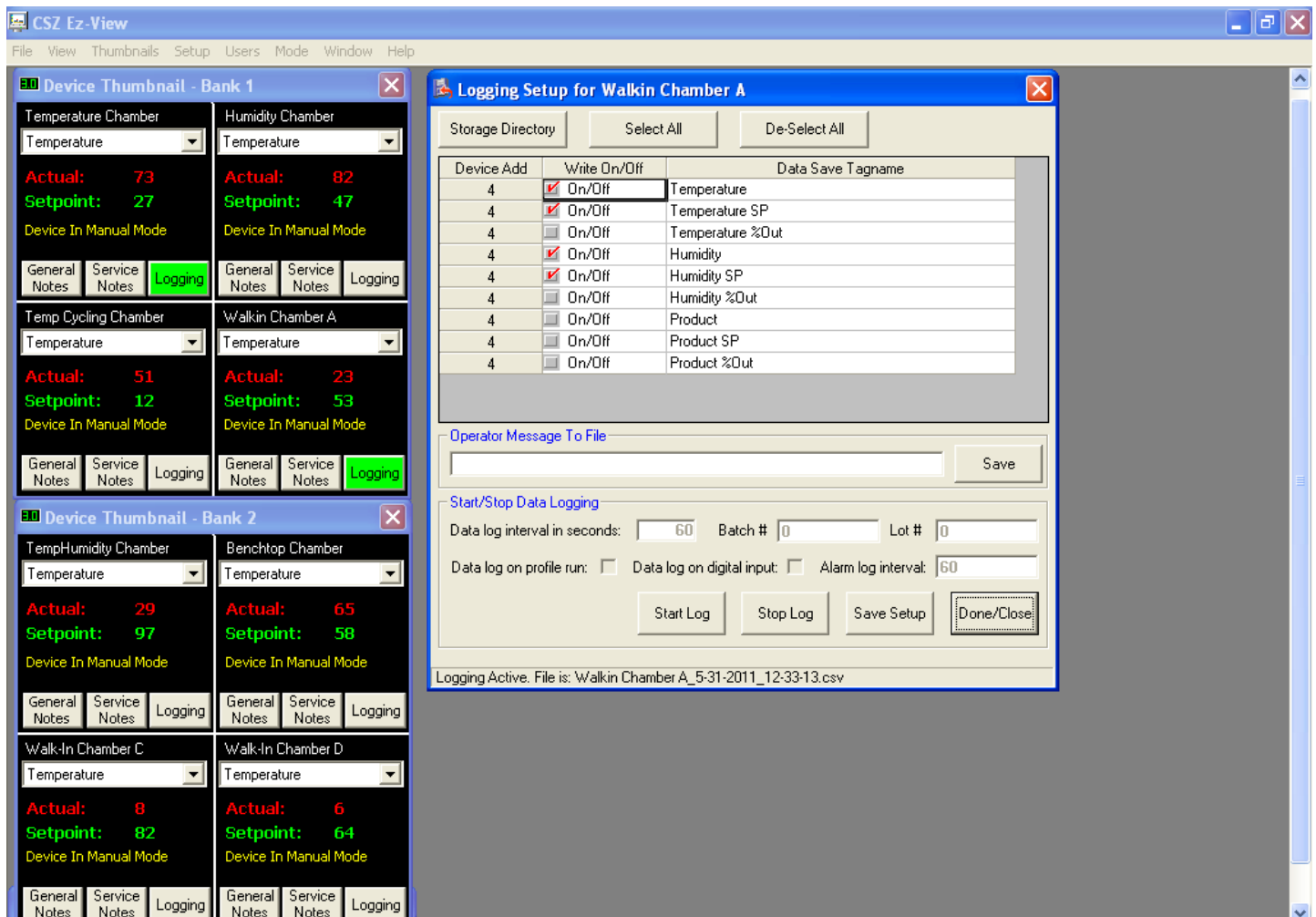
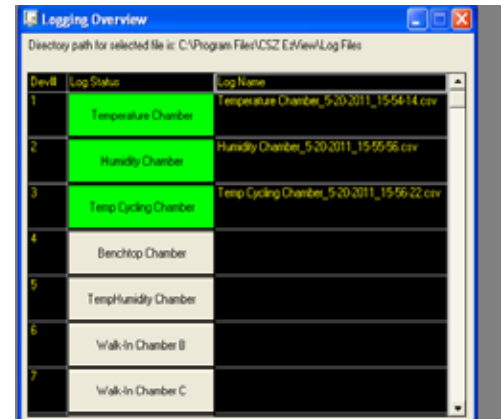
ST#	Stage Type	Ramp Time	Dwell Time	Jump Step	Jump Cycles	Temperature SP	Loop1 Holdback
1	Ramp	1.00	0.00	1	1	190.0	Off
2	Dwell	0.00	1.00	1	1	190.0	Off
3	Ramp	1.00	0.00	1	1	-73.0	Off
4	Dwell	0.00	1.00	1	1	-73.0	Off
5	End	0.00	0.00	1	1	24.0	Off

EZT-430i Profile Screen

# CSZ's EZ-View Software

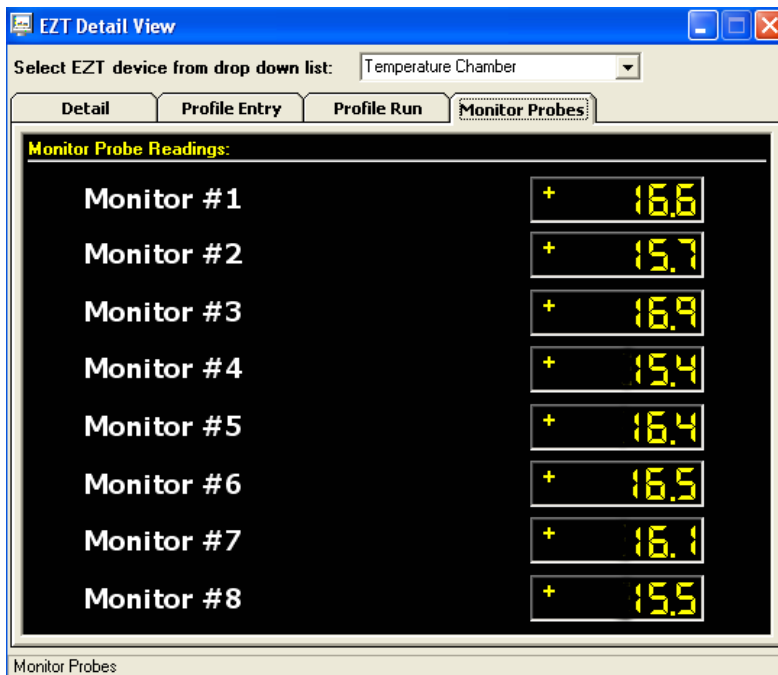
## Advanced data logging functionality

- Dedicated data logging files for each device with quick download of data to .CSV file.
- Built-in data file search function. Search for any operator event or data string across all data files and user assigned directories on local or network drives.
- Advanced historical data log viewer & graph trending. Graphic user interface provided for all tools including zoom and data selection (continuous and discontinuous data supported). EZ-View can be installed on any PC to access historical data while running in simulation mode.
- Full system security with encryption on all data files including support for electronic signatures provide tamper-proof operation for all data files.
- Data log overview screen provides data logging details for all chambers and devices on the link in a single easy to use window. Data logging status, filename and directory information are provided.
- EZ-View data files can be configured to start and stop based on EZT-560/570i profile operation (automated data logging).





Easily setup data logging and manage data log files for multiple chambers in a few clicks of a mouse. Save batch and lot numbers along with operator comments in the data file.



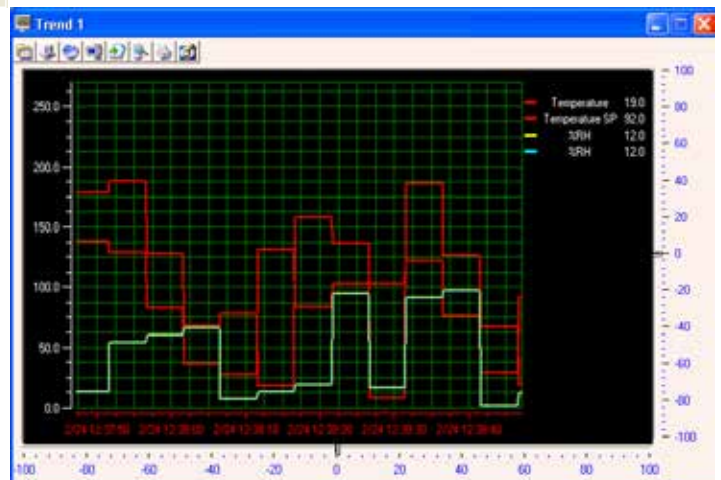
### Temperature Monitoring (EZT-570/EZT-560)

Provides temperature readout for optional monitoring package using 8 thermocouples. Additional input cards are available to expand temperature read out and data logging for 16 or 32 inputs.

Values are included in data log file and may be exported as a .CSV file for use in other software programs.

### Trend Graphs

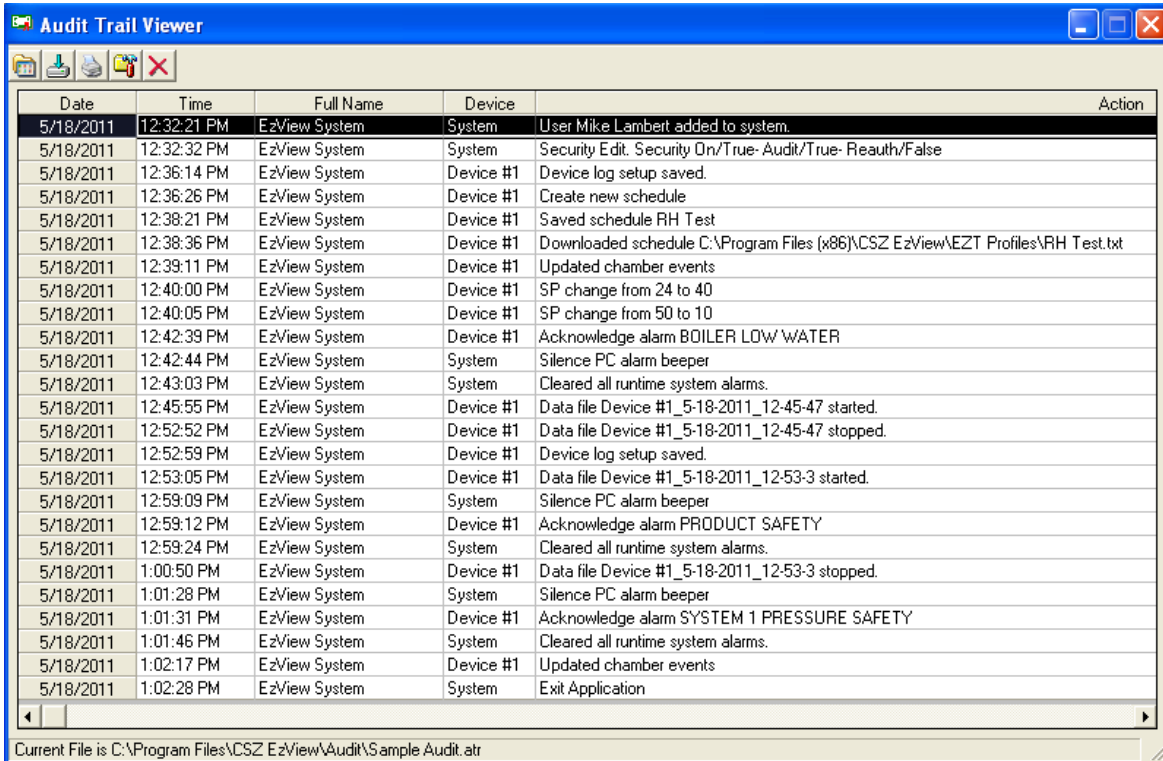
Flexible trending allows for 96 user configurable points across 8 different trend graphs. Trend graphs include zoom capabilities with complete setup of all points and colors. Real time trends provide unlimited "save sets" per trend.



# CSZ's EZ-View Software

## System & Data Security

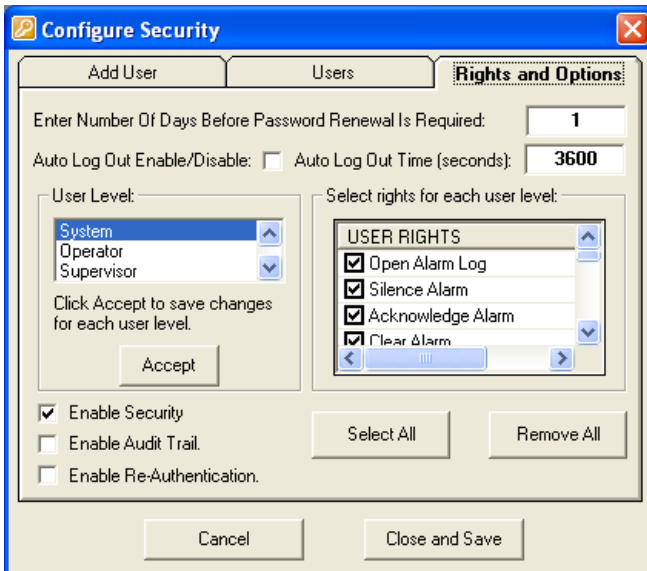
Windows security with 4 security levels (system, operator, supervisor and administrator) and user security rights configurable for all EZ-View program operations. Audit trail files are created daily for tracking of all user actions for traceability.



The screenshot shows the 'Audit Trail Viewer' window with a table of system events. The table has five columns: Date, Time, Full Name, Device, and Action. The events are listed chronologically from 12:32:21 PM to 1:02:28 PM on 5/18/2011. The actions include user additions, security edits, log setups, schedule changes, data file operations, and alarm acknowledgments.

Date	Time	Full Name	Device	Action
5/18/2011	12:32:21 PM	EzView System	System	User Mike Lambert added to system.
5/18/2011	12:32:32 PM	EzView System	System	Security Edit. Security On/True- Audit/True- Reauth/False
5/18/2011	12:36:14 PM	EzView System	Device #1	Device log setup saved.
5/18/2011	12:36:26 PM	EzView System	Device #1	Create new schedule
5/18/2011	12:38:21 PM	EzView System	Device #1	Saved schedule RH Test
5/18/2011	12:38:36 PM	EzView System	Device #1	Downloaded schedule C:\Program Files (x86)\CSZ EzView\EZT Profiles\RH Test.txt
5/18/2011	12:39:11 PM	EzView System	Device #1	Updated chamber events
5/18/2011	12:40:00 PM	EzView System	Device #1	SP change from 24 to 40
5/18/2011	12:40:05 PM	EzView System	Device #1	SP change from 50 to 10
5/18/2011	12:42:39 PM	EzView System	Device #1	Acknowledge alarm BOILER LOW WATER
5/18/2011	12:42:44 PM	EzView System	System	Silence PC alarm beeper
5/18/2011	12:43:03 PM	EzView System	System	Cleared all runtime system alarms.
5/18/2011	12:45:55 PM	EzView System	Device #1	Data file Device #1_5-18-2011_12-45-47 started.
5/18/2011	12:52:52 PM	EzView System	Device #1	Data file Device #1_5-18-2011_12-45-47 stopped.
5/18/2011	12:52:59 PM	EzView System	Device #1	Device log setup saved.
5/18/2011	12:53:05 PM	EzView System	Device #1	Data file Device #1_5-18-2011_12-53-3 started.
5/18/2011	12:59:09 PM	EzView System	System	Silence PC alarm beeper
5/18/2011	12:59:12 PM	EzView System	Device #1	Acknowledge alarm PRODUCT SAFETY
5/18/2011	12:59:24 PM	EzView System	System	Cleared all runtime system alarms.
5/18/2011	1:00:50 PM	EzView System	Device #1	Data file Device #1_5-18-2011_12-53-3 stopped.
5/18/2011	1:01:28 PM	EzView System	System	Silence PC alarm beeper
5/18/2011	1:01:31 PM	EzView System	Device #1	Acknowledge alarm SYSTEM 1 PRESSURE SAFETY
5/18/2011	1:01:46 PM	EzView System	System	Cleared all runtime system alarms.
5/18/2011	1:02:17 PM	EzView System	Device #1	Updated chamber events
5/18/2011	1:02:28 PM	EzView System	System	Exit Application

Current File is C:\Program Files\CSZ EzView\Audit\Sample Audit.atr



The screenshot shows the 'Configure Security' dialog box with the 'Rights and Options' tab selected. It contains several configuration options for user security.

**Add User** | **Users** | **Rights and Options**

Enter Number Of Days Before Password Renewal Is Required:

Auto Log Out Enable/Disable:  Auto Log Out Time (seconds):

User Level: System (selected), Operator, Supervisor

Select rights for each user level:

- Open Alarm Log
- Silence Alarm
- Acknowledge Alarm
- Clear Alarm

Enable Security  
 Enable Audit Trail  
 Enable Re-Authentication.

Buttons: Accept, Select All, Remove All, Cancel, Close and Save



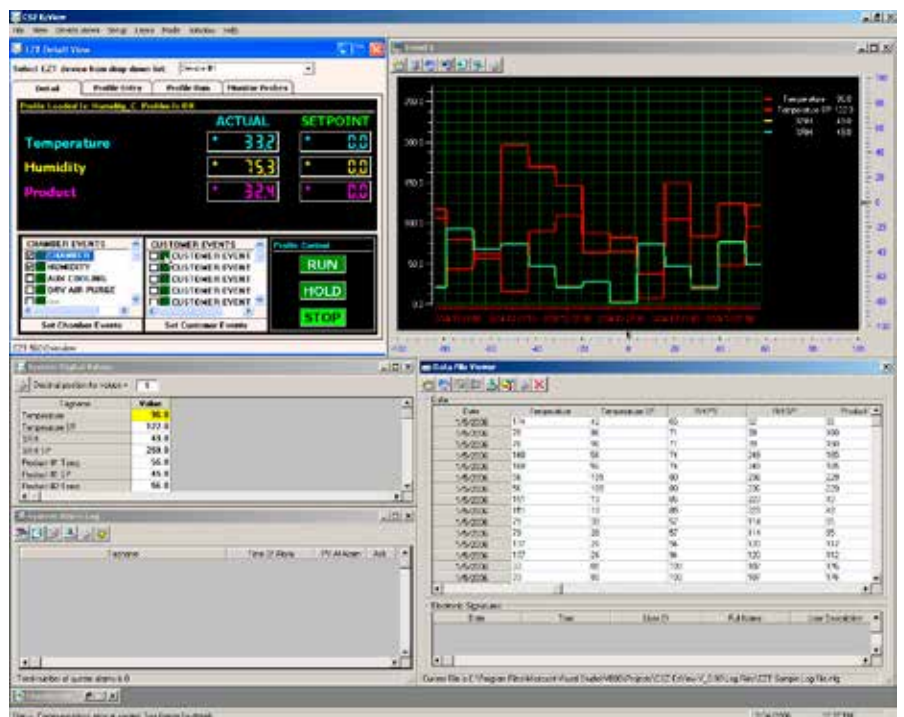
## Additional Features

- Configurable email and text message alarm notification.
- 200 configurable software alarms. User may add custom alarm conditions without the modification or change to any hardware on the communication link.
- Alarm monitoring and logging. Alarm active time, de-activated time, user acknowledgment and alarm type are logged and tracked for historical viewing.
- Configurable master alarm and auto dialer capabilities at a single PC station using a “plug and play” USB relay module.
- Allows connection of up to 31 chambers to a single PC using EIA-485.

## Compatibility

- Windows 98, NT, XP, Vista, and Windows 7/8.
- CSZ EZT-570, EZT-560, EZT-430i and P91 controllers.

Multiple windows may be displayed at the same time for increased efficiency.





Cincinnati Sub-Zero is a product brand of Weiss Technik North America, Inc. Weiss Technik North America is a member of the Weiss Technik group of companies, a division of the Schunk Group with its headquarters in Heuchelheim, Germany. Weiss Technik is the world's largest manufacturer of environmental simulation systems and employs more than 2,900 people in 18 group companies in 15 countries.

Request Information



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