

# WATCHDOG EX™

Extended Monitoring & Control

new



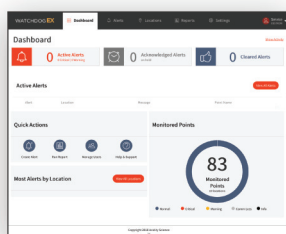
They say you can't teach an old dog new tricks.  
We say **raise your expectations.**

**Welcome to Watchdog EX.** Watchdog EX is a cloud based vivarium management system that allows you to control and monitor the environmental conditions and watering equipment in your animal rooms. Designed for both new vivariums and existing facilities, Watchdog EX monitors the things that matter most. This new solution provides greater flexibility for mixing/matching current hardware technologies. Watchdog EX is designed with the latest software development processes thereby allowing quick and easy adaption of future technologies, features, and hardware.



What's new? ✓ New Mobility ✓ Cloud-based ✓ Secure ✓ Easier-to-Use

- Backwards compatibility with Edstrom monitoring systems Pulse CMC™ and Watchdog v5.
- Contemporary user interface (UI) with enhanced and interactive mobile experience.
- Improved notifications to personnel at any time of day or night via e-mail, text messaging, and phone call.
- Collecting, recording, and storing data on the Watchdog EX Cloud.
- Controlling and monitoring automated watering systems (notifying personnel if leaks or other abnormalities are detected)
- BACnet communications protocol with a building automation system.
- Improve productivity, and assists with FDA and AAALAC compliance.
- Simplified alerts, notifications and acknowledgments.
- Control who is allowed access to each room in a facility. All access attempts create a date and time stamped log entry. This reduces unnecessary intrusions protecting the animals and research.
- Designed on a platform to easily expand with new features and intelligent hardware components, keeping your facility current with the times.

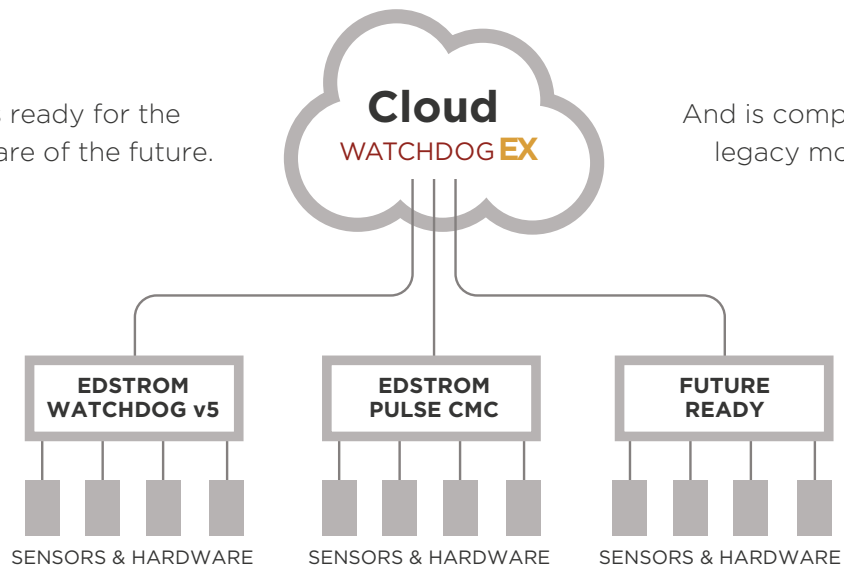


# WATCHDOG EX™

Extended Monitoring & Control

Watchdog EX™ is ready for the systems and hardware of the future.

And is compatible with Edstrom legacy monitoring systems.



## What Watchdog EX Does

Watchdog EX is a complete vivarium management system to protect animal health, improve productivity, and assist with FDA and AAALAC compliance. Watchdog EX keeps accurate records of many analog or digital data parameters. Data readings are automatically taken at user-defined intervals and stored in a cloud database. Creating, printing, or emailing useful reports is easily done and can help verify environmental conditions. If a parameter is critical to your facility's operation, Watchdog EX can notify you anytime/anywhere via email, text message, or phone call.

The Watchdog EX system has the following basic functions:

- Environmental Monitoring
- Water Control and Monitoring
- Light Control and Monitoring
- Access Control
- Water and Waste Flush Control
- Cloud Data Storage
- Alert/Alarm Notification
- Report Generation
- BACnet compatible

Information about environmental conditions is readily available on the Watchdog EX cloud server using standard Internet browsers. The Watchdog EX system is capable of monitoring many environmental parameters including:

- Temperature
- Humidity
- Lighting states off, on, or high-level on
- Airflow: automatically calculates changes per hour
- Differential pressure
- Remote temperature
- Refrigerators and other devices

## Watchdog EX Now And For The Future

Whether you're new to environmental monitoring systems, or an existing Edstrom Watchdog v5 or Pulse CMC user, you'll quickly see how the new Watchdog EX extended monitoring and control cloud-based system is easily adaptable to any facility.

Contact us today at 262-534-5181 or [WatchdogEX@avidityscience.com](mailto:WatchdogEX@avidityscience.com)

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