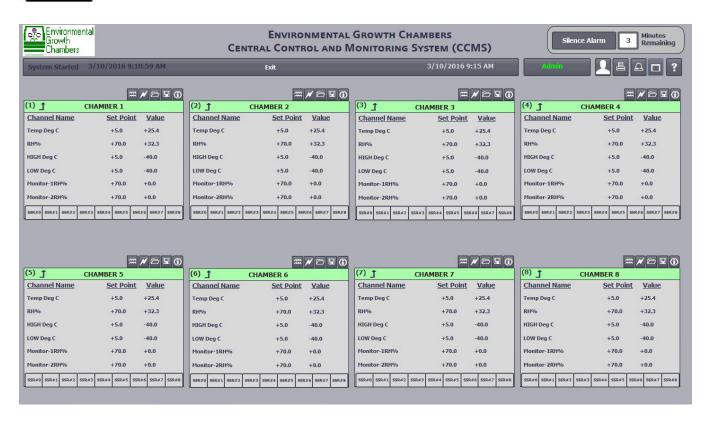


# **C6 ECoSys CCMS Software**

### (Central Control & Monitoring System)



- Intuitive, PC-based, ECoSys user interface customized for your facility
- Chamber interface displays thumbnails for each chamber, scalable as required for your facility
- Real-time digital and graphical display of all control parameters
- Central access provides real-time,
  24 hour programming for all channels on each chamber
- Provides central data collection with user selectable data logging intervals.

- Data for user selected historical period displayed for each closed-loop control channel
- Central display and logging of each chamber Relative and Absolute Alarms
- Built-in, multi-level security features give system administrator complete control over use of interface screens
- Designed specifically for the EGC C6, PLC-based, control system
- Optional 21 CFR, Part 11 compliant
- Optional Logon license permits use of Domain based user accounts for logon

# **Technical Specifications**

#### **ECoSys Central Control and Monitoring System (CCMS)**

- ➤ EGC Software system designed specifically for use with EGC C6 PLC-based controllers. Optionally provided with a dedicated PC computer or for installation to your computer.
- Buttons and pull-down menus designed to be touch-screen driven
- Complete central data logging of histories available for easy backup and export
- Built-in, multi-level security features give system administrator complete control over use of interface screens with user administrator controlled Usernames and Passwords
- Configuration is scalable as needed and customized for your facility
- Capability to save setpoint program from any chamber to the central computer
- > Capability to load a saved setpoint program to any chamber from the central computer
- Real-time trending of each chamber's control channels in strip chart format with zoom/pan
- > Historical trend strip charts of logged data for each chamber's control channels with zoom/pan
- > User information saved for each chamber with current user's name, phone number and email and text addressing information
- Centrally annunciated and logged relative and absolute alarms for each chamber
- > Capability to email or text active alarm notifications when connected to owner's email server over the network
- Central remote access and complete control of each chamber
- Printing capability from any screen
- Ethernet/Profinet network capability for optional remote access, control and monitoring
- Optional remote access and control over network/internet permits remote chamber diagnostics
- > Optional Logon license permits use of Domain based user accounts for logon
- Optional 21 CFR, Part 11 compliant

#### **Central Computer System Requirements**

- Operating Systems
  - Windows™ 7 Professional/Enterprise/Ultimate SP1 (32 or 64 Bit)
  - Windows™ 8 Professional/Enterprise (64 Bit)
  - Windows™ Server 2008 or 2012 Standard Edition R2 (64 Bit)
- Recommended Hardware with 32 Bit OS

with 64 Bit OS

Processor – Intel Atom™ 1.3 GHz minimum\*

Screen Resolution – 1280 x 800 minimum

Intel Celeron™ 1.4 GHz minimum\*

o RAM - 2 GB 4 GB

1280 x 800 minimum

<sup>\*</sup>In combination with options and other software, more powerful systems may be required.



### **Environmental Growth Chambers**

510 East Washington Street Chagrin Falls, Ohio 44022 USA

www.egc.com

800.321.6854 440.247.5100 Fax 440.247.8710 e-mail sales@egc.com