What is claimed is:

1. A system for sampling air at multiple locations in a controlled environment comprising:

one or more air sampling devices configured to monitor and test a volume of air within a controlled environment;

a control center including a programmable logic controller (PLC) and configured to monitor and control the one or more air sampling devices; and

~~one or more~~ a plurality of touch panel displays connected to the control center ~~for providing a human-computer interface between the control center and users~~ for receiving data from the control center regarding the one or more air sampling devices, each of the plurality of touch panel displays comprising an interface for displaying the data.

2. The system of Claim 1, wherein ~~the one or more~~ each of the plurality of touch panel displays ~~are~~ is co-located with the one or more air sampling devices.

3. The system of Claim 1, wherein ~~the one or more~~ each of the plurality of touch panel displays ~~are~~ is located inside a clean room environment.

4. The system of Claim 1, wherein ~~the one or more~~ each of the plurality of touch panel displays ~~includes a touch panel display~~ is configured to control at least one of the one or more air sampling devices and the control center.

5. The system of Claim 1, wherein ~~the one or more~~ each of the plurality of touch panel displays ~~includes a touch panel display~~ is configured to receive information and alarms associated with at least one of the one or more air sampling devices and the control center and to display the alarms in the interface of the each of the plurality of touch panel displays.

6. The system of Claim 1, wherein ~~the one or more~~ each of the plurality of touch panel displays ~~includes a first touch panel display~~ is configured to communicate with a second touch panel display.

7. The system of Claim 1, wherein the control center is configured to activate an alarm when a predetermined alarm condition has been satisfied.

8. The system of Claim 7, wherein the predetermined alarm condition includes when the actual rate of air flow at the one or more air sampling devices deviates a predetermined amount from a desired rate of air flow.

9. The system of Claim 7, wherein the control center is configured to activate a visual alarm.

10. The system of Claim 9, wherein the visual alarm includes one of strobe lights and colored lights.

11. The system of Claim 7, wherein activating the alarm includes activating an escalation protocol whereby a predefined sequence of steps are taken in response to athe failure of a user to acknowledge the alarm within one or more predefined time periods.

12. The system of Claim 7, wherein activating the alarm includes providing a visual map of the location of the alarm condition.

13. The system of Claim 7, wherein activating the alarm includes sending an email to one or more designated users.

14. The system of Claim 7, wherein activating the alarm includes sending a simple message service (SMS) text message.

15. The system of Claim 7, wherein activating the alarm includes automatically placing a phone call to one or more users and playing a designated pre-recorded sound file.

16. The system of Claim 7, wherein activating the alarm includes sending a message to one or more users located remotely from athe facility associated with the alarm.

17. The system of Claim 1, wherein the control center is configured to wirelessly communicate with the plurality of touch panel ~~display~~ displays.

18. The system of Claim 1, wherein the plurality of touch panel displays comprises a first

touch panel display ~~is~~ located within the controlled environment and a second touch panel display ~~is~~ located outside the controlled environment.

19. The system of Claim 1, wherein the one or more air sampling devices includes a sterilizable microbial atrium (SMA).

20. The system of Claim 1, wherein the control center is in electrical communication with a vacuum source and is configured to control the vacuum source.

21. The system of Claim 20, wherein the plurality of touch panel displays is in electrical communication with the control center, and wherein the plurality of touch panel displays is configured to communicate with the control center for controlling the vacuum source so that the vacuum source pulls a predetermined volume of air through at least one of the one or more air sampling devices at a desired rate of air flow.

22. A method for sampling air at multiple locations in a controlled environment, comprising the steps of:

providing two or more air sampling devices at different locations within the controlled environment;

providing a control center at a location outside of the controlled environment and in separate air flow communication with each of the two or more air sampling devices;

providing a plurality of touch ~~panel~~ panels for each of the two or more air sampling devices, each of the plurality of touch panels provided at a location between a corresponding air sampling device and the control center, each of the plurality of touch panels being connected to the control center and configured to separately receive data from the control center regarding the two or more air sampling devices and to monitor and control the ~~one~~ two or more air sampling devices via information exchanged with the control center, each of the plurality of touch panels comprising an interface for displaying the data; and

automatically activating an alarm at one or more of the plurality of touch panels when the rate of air flow measured at one or more of the two or more air sampling devices deviates from a desired value by a predetermined amount.

23. The method of Claim 22, further comprising the step of

automatically activating an alarm at a first of the touch ~~panel~~ panels of the one or more touch panels when the rate of air flow measured at a second of the ~~one~~ two or more air sampling devices deviates from the desired value by the predetermined amount.

24. A method for sampling air at multiple locations in a controlled environment, comprising the steps of:

providing two or more air sampling devices at different locations within the controlled environment;

providing a control center at a location outside of the controlled environment and in separate air flow communication with each of the two or more air sampling devices;

providing a plurality of touch ~~panel~~ panels for ~~each of~~ the two or more air sampling devices, each of the plurality of touch panels provided at a location between a corresponding air sampling device and the control center, each of the plurality of touch panels being connected to the control center and configured to separately receive data from the control center regarding the two or more air sampling devices and to monitor and control the ~~one~~ two or more air sampling devices via information exchanged with the control center, each of the plurality of touch panels comprising an interface for displaying the data;

detecting an interaction between the one ~~or more~~ of the plurality of touch panels and a user; and

exchanging information between the one ~~or more~~ of the plurality of touch panels, the control center, and the one or more air sampling devices in response to the detected interaction.

25. A system for sampling air at multiple locations in a controlled environment comprising:

first and second air sampling devices, each configured to monitor and test a volume of air within a controlled environment;

first and second user interfaces, said first user interface associated with said first air sampling device and said second user interface associated with said second air sampling device; and

a controller in communication with said first and second user interfaces, wherein said controller is configured to monitor the first and second air sampling devices and generate an alarm signal at the first or second user interfaces,

wherein the first and second user interfaces are configured to receive data from the controller regarding the first and second air sampling devices, and

wherein each of the first and second interfaces comprise an interface for displaying the data.

26. The system of claim 25, wherein said controller is configured to detect an alarm condition with said first air sampling device and generate an alarm signal at the second user interface.

27. The system of claim 26, wherein said first user interface is located remote from said second air sampling device, and said second user interface is located remote from said first air sampling device.

28. The system of claim 27, wherein said first user interface is located proximal to said first air sampling device and said second user interface is located proximal to said second air sampling device.