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Green Touchscreen Physical Considerations

Green Touchscreens in general are made up of two pieces of hardware: a touchscreen monitor and a CPU. The hardware requires two things to operate: a standard high speed Internet connection made available through a RJ-45 jack located within 10 feet of the CPU and a standard electrical outlet located within 10 feet of the CPU and the touchscreen monitor. It is recommended that a power strip with a surge protector be used for the Green Touchscreen CPU and monitor(s).

Touchscreen Monitor

For the 19 inch flat panel monitor mounted flush inside a wall or mounted to a wall, we use ELO touchscreen monitors exclusively. ELO monitors are the highest quality and most reliable monitors in the industry. Specifically, we use the ELO 1947L rear mount touchscreen monitor that uses "accutouch" technology and a USB connection. The height at which the touchscreen monitor is installed can vary, but they are typically installed with the bottom of the viewable portion of the touchscreen 38 to 42 inches above the floor.

CPU

The specific CPU used to power the Green Touchscreen can vary. At a minimum, the CPU should be equipped with a CD ROM drive, a processor operating at 2.0 GHz or faster and at least 256 MB of RAM. In general, the CPU, keyboard and mouse should not be made accessible to the general public but should be accessible to authorized users in order to perform periodic maintenance to the Green Touchscreen (recalibration of the monitor, rebooting, etc). This can be accomplished by locating the CPU on the other side of the wall if the Green Touchscreen monitor is mounted in or on a wall. It can also be accomplished by locating the CPU in a locked cabinet of some sort. Whichever option is used, the area the CPU is kept in should be 36 inches wide by 12 inches deep by 30 inches high. This will allow for proper air circulation around the CPU as well as ensuring there is enough room for the wires and proper operation of the CPU's CD drive. There also must be at least a 6 inch diameter hole that will allow the necessary cords to run from the CPU to the touchscreen monitor.