CyberTouch

### 5 Things You Absolutely Need to Know Before Designing a Touch System

Are you or your client debating whether to add interactivity to a new or existing building? Designing a touch solution that meets all requirements and specifications isn't a straight forward process - so we're here to help! Here are the *5 Things You Absolutely Need to Know Before Designing a Touch System*.



**1. Know Where Your System Will Be Placed:** Before designing your touch wall or touch table, be certain of the placement in the building. Make note of the possibility of liquid contamination, ambient natural or artificial light or any large windows- especially those south facing with exposure to direct sunlight. Proper installation location is vital in all buildings, but especially in high rise buildings due to elevator cab dimensions and narrow passageways- which may require on-site assembly.

**2. Type of Touch Technology:** Depending on your application, two different types of touch technologies may be used: advanced infrared (IR) and projected capacitive (Pcap). For some it is form over function, and others it boils down to cost; but when in question- here's the rule of thumb. If you're looking for a more aesthetically streamlined solution that is unaffected by the presence of sunlight and liquid that can be made to infinite lengths - Pcap is the way to go; any other solution without these requirements may be designed with IR, up to 40 feet.

**3. Using Computers and a Video Processing Unit:** Depending on specific demands of the application, you're going to need at the very least a computer to run content on your touch system. Many of our clients have recently opted into a more technical way to stream content to their touch systems using a video processing controller. CyberTouch's video processing unit " Xume", is a video controller and computer that allows up to 16 simultaneous video outputs and is a more advanced way to seamlessly stream 16 different HDMI inputs.

**4. Use a trusted Software Company.** Before beginning the process of designing the right interactive hardware solution, you *must* have a software company that understands your goals. CyberTouch's software team is able to develop introductory software and will aid in the initial implementation of your software and hardware - which will be maintained by a 3rd party.

**5. Installation:** Whether you buy your touch system direct, or through one of CyberTouch's certified integrators, installation is a very intricate process- and must be handled skillfully. As projects become more involved and complicated, integrators often request a CyberTouch engineer to supervise the installation - mitigating potential disruptions during installation and issues down the road.