Summary of ST-1700C (one-way wireless touchpanel) architectural specifications are as follows:

- Touchpanel shall be an integrated unit. A separate touchpanel box and touch
  display unit shall not be accepted.
- Touchpanel must have a minimum resolution of 320x240 pixels; lower resolutions shall not be accepted.
- Touchpanel shall have a 5.7" active matrix LCD display with 64,000-color palette and 16 bit non-palette graphics. Passive matrix displays or touch panels with less than a 64,000 color palette, and not supporting 16 bit non-palette graphics, shall not be accepted.
- Touchpanel and associated programming tools, by same manufacturer, shall provide a native/onboard graphic library supported by a Synapse image rendering algorithm feature, which shall provide for improved/high-resolution graphics (such as native anti-aliased 3D buttons, graphics, and text, with embossed, beveled and fringed features) without the aid of 3rd Party graphic development software.
- Touchpanel must support a minimum of 200 modes for each button. Touchpanels
  with fewer than 200 modes available shall not be accepted.
- Touchpanel must support at least 1000 discrete button channels. Touchpanels that
  do not support 1000 or more button channels shall not be accepted.
- Touchpanel must support memory of 4MB for flash and 8MB for SDRAM. Touchpanels supporting less than said memory shall not be accepted.
- Touchpanel shall ten tactile buttons that are programmable and engraveable.
- Touchpanel must be RF (radio frequency), in nature.
- Touchpanel's RF transmitter and receiver must be in the 400 MHz range. Touchpanels using frequencies outside the 400MHz range shall not be accepted.
- Touchpanel must be capable of transmitting to a receiver up to 300 feet.
- Touchpanel must utilize rechargeable NiMh batteries.
  Touchpanels utilizing NiCad batteries shall not be accepted.
- Touchpanel must be capable of transmitting while charging, if batteries are depleted. Touchpanel must include charging station.