

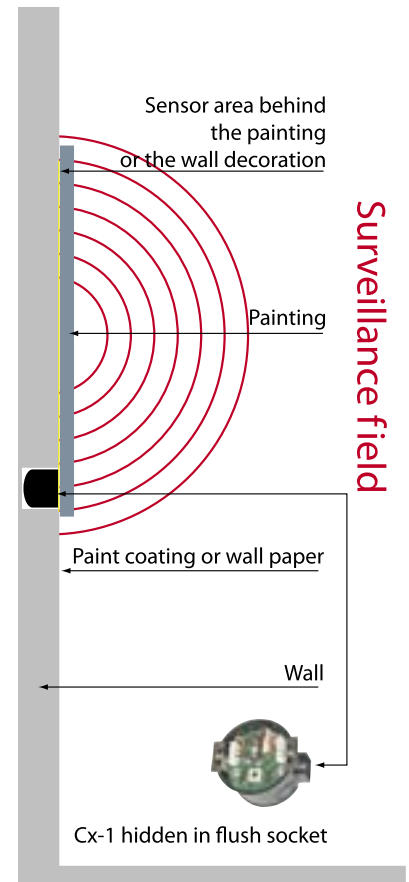
## Protection of paintings with the Cx-1 Capacitive Sensor

### Surveillance principle:

The Cx-1 Capacitive Sensor generates an invisible surveillance field around the artwork. An acoustic signal will sound the alarm as soon as the adjustable minimal authorized viewer-object distance is violated. Conventional surveillance methods (suspension rail, contact, vibrations...) only react when the exhibit is touched or removed while the Capacitive Sensor already reacts when the exhibit is approached, thus effectively forestalling touching of the exhibit.

### Characteristics of the protection with the Cx-1 Capacitive Sensor:

- The Cx-1 Capacitive Sensor is hidden in a flush socket behind the painting.
- There is no need for suspension cords with electrical contacts or other visible alarm mechanisms.
- A thin fabric in which a sensor mesh is embedded is attached to the wall behind the painting.
- The Cx-1 surveillance method fits easily into premises with fixed arrangements.
- The Cx-1 sensor system does not interfere at all with interior decorating or existing arrangements and facilitates trouble-free rearrangement.
- The Cx-1 Capacitive Sensor is a self-contained, fully functioning separate device.
- The Cx-1 sensor system's installation incurs lower costs in comparison to conventional surveillance methods



### Rearranging the display incurs only minor costs with regard to the security system.

The Cx-1 Capacitive Sensor is installed in a flush socket. In the process of the rearrangement of an exhibition, any flush socket behind an exhibition area which is no longer in use will be closed. A pre-installed flush socket behind the „new“ exhibition area will be opened or a new flush socket will be installed.

### Visitor-friendly surveillance and cost savings

The local acoustic signal deters before any touching of the painting has occurred and supports the immediate and precisely directed action of the supervisory staff. Application of the Cx-1 surveillance method allows the supervisory staff to remain at a distance. Thus the visitor may concentrate his attention on the paintings without being distracted by the presence of the staff. For the museum such a system increases security and lowers costs by providing better support to staff.