Proposal

Utilizing the partition of a meeting room to control the status of the LCD Touch Switch.
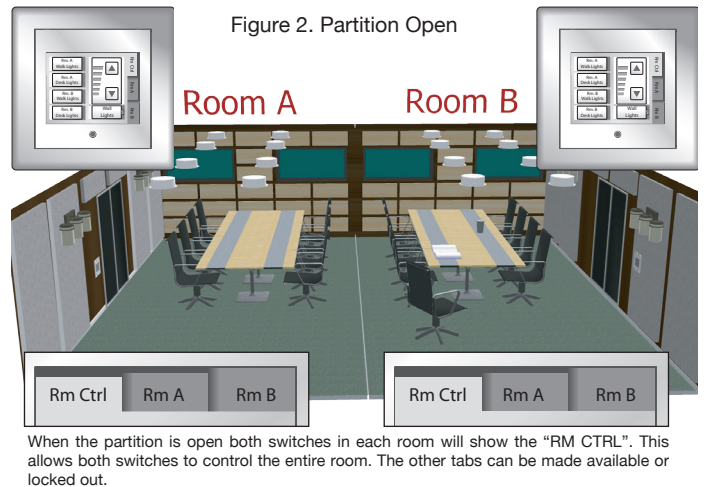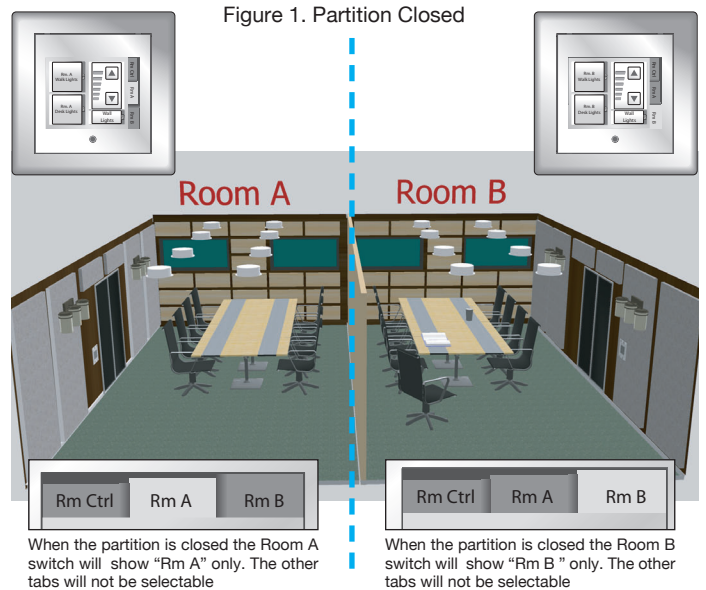
When the partition is closed the switch's function is altered to accomadate the occupant's space without disturbing the next room.

Application

This application requires the use of two (2) LCD Touch Switches. One in each room. A contact closure device should be installed with the Contact Input Device (WRT3224-8) so the partition status is recognized.

In Figure 1. the partition is closed. The contact input device is providing the "Closed" status to the Touch Screen via a "Group" address. In the example wiring diagram below this group is labeled "G1". The LCD Touch Switch requires an independent address for this operation that cannot be duplicated. In order to control both Touch Switch's screen group control is necessary.

The closed status sends the address to the Full-2Way system which places the two screens in the lock state. Each screen will change to their locked screens programmed by the user. In the case of Room A, this is the Room A control screen.

Figure 1. Partition Closed

When the partition is closed the Room A switch will show "Rm A" only. The other tabs will not be selectable

When the partition is closed the Room B switch will show "Rm B " only. The other tabs will not be selectable

Figure 2. Partition Open

When the partition is open both switches in each room will show the "RM CTRL". This allows both switches to control the entire room. The other tabs can be made available or locked out.

When the contact is open (partition is open), as in Figure 2., the system will either unlock the screen and allow the user to tswitch screens or only allow the user to use another preselected screen. In this example to the left this is the RM CTRL screen. the screen of the touch screen will resemble one another. Both switches will act as a two way switch with each command executed from either device.

Wiring Diagram