Overview

The S2 NetBox Event Monitoring function lets users respond electronically to inputs from the real world. These inputs are varied, ranging from simple contact closures to complex events such as video motion detection or communications loss. Virtual inputs such as loss of video at a camera, building occupancy limit exceeded, and temperature out of range are also supported. The system continually scans for changes in any of these inputs.

When a change is detected that is of interest to the user, a system event is triggered. Events let the user program a list of actions to be taken in response to the change. If the system is monitored, simple actions such as message and video display may be all that is necessary. Unmonitored systems may take advantage of built-in email transmission, text messages to cell phones, or other automatic actions - as if the system contained a set of built-in programmable logic controllers.

When events occur, users interact with the system through the Monitoring Desktop, a web browser-delivered display that provides access to event management functions and real time information including video and dynamic floorplan graphics. Beyond text, events arriving at the Monitoring Desktop for processing can generate sound, color-coded messages, and pop-up video.

Analog temperature monitoring points work with the event management system. Events can be initiated when temperatures exceed preset high or low values, and temperature values are easily displayed on floorplans to 0.5°C precision.

S2 NetBox also integrates central station-monitored alarm panels with its event management and access control systems. Alarms detected by alarm panels can be event sources. Card access by selected people can be used to disarm alarm pan-...
The Monitoring Desktop in detail...

Events are displayed in order by priority, time, or name.

Tabbed access to real time video, floorplan graphics, and messages is always available.

When recorded video is associated with an event, each camera view displays an icon. One click on the icon recalls the video browser showing the video associated with the event.

The video browser lets you scan backward through recorded event-related video at several frame rates, or frame by frame.

Event acknowledgement commands are invoked from icons associated with each event.

The current operational threat level is displayed. Users can customize threat levels, their graphics, and their actions.

Camera thumbnails show pre-programmed video.

The top thumbnail is automatically switched to show video for the highest priority outstanding alarm event. It also has a color-coded frame for easy identification.

"Favorite" lists eliminate the need to navigate long lists of irrelevant camera and portal choices.

The photo ID history shows the 10 most recent people to access the facility.

Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inputs per Input Application Blade</td>
<td>8</td>
</tr>
<tr>
<td>Outputs per Output Application Blade</td>
<td>8</td>
</tr>
<tr>
<td>Temperature points per temperature blade</td>
<td>8</td>
</tr>
<tr>
<td>Temperature probe operating range</td>
<td>-55° - +100°C</td>
</tr>
<tr>
<td>Temperature probe precision (-10° and +85°C)</td>
<td>± 0.5° C</td>
</tr>
<tr>
<td>Max length of cable run to temperature probe</td>
<td>1000 feet</td>
</tr>
<tr>
<td>Priority levels</td>
<td>20 (events); 20 (event actions)</td>
</tr>
<tr>
<td>Alarm actions</td>
<td>Lock, unlock portal, momentary unlock, Send email, SMS message, Move camera to preset, initiate recording, Activate, deactivate output point, Set threat level, log event, Arm, disarm input group</td>
</tr>
</tbody>
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