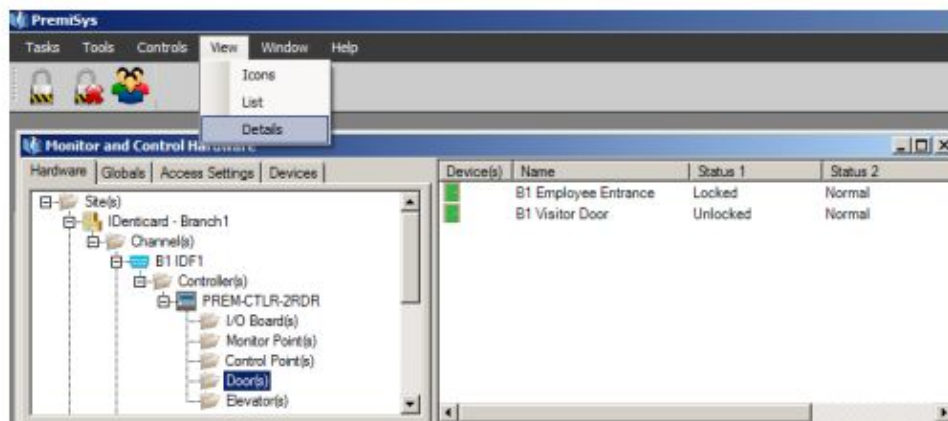# PremiSys Hardware Status and Device Icons

About Device Icons

Visual icons represent the last event logged at a device. For example the moment a door unlocks by time zone, an event is logged in the system "Door Unlocked by Time Zone." The door icon changes to display an open padlock 🔓. But when the door closes behind our first visitor, the door icon turns solid green 🟩 to represent the event logged, "Door Secure." The visitor door is still unlocked, but the door icon reflects the most recent event logged. When we right-click the icon and select "Lock," a door event logs "Door Set for Card Only" and the icon changes to 🔓 until another event logs; such as a valid card is presented, or the door secures 🟩 after someone exits the door.

The Details View

To see the live lock/unlock status of a door(s), go to "Tasks" pull-down menu and select "Monitor and Control." Click on a "Doors" folder in the Hardware site tree. Click the "View" drop-down menu, and select "Details." You may need to drag columns "Status 1" and "Status 2" over from the right using the bottom scroll bar. Possible door status 1 is: Locked, Unlocked, Open, Fault. Possible door status 2 is: Normal, Masked. Similar details views are available in the "Monitor Points" and "Control Points" folders.

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PremiSys Hardware Status and Device Icons

PremiSys Hardware Status and Device Icons

Door Icons

Icon	Corresponds to most recent event logged:	Possible causes, reasons, or purposes:
	Door Position Point Secure	Access was granted to a cardholder; or there was valid request-to-exit sequence. It could be that your door was in alarm but it is back to secure now because it closed after being propped open or a technician just finished repairing a faulty wire.
	Door Position Alarm - Forced Open Door Position Alarm - Held Open Door Position Alarm - Both Forced and Held Open	The door was propped open past its disarm (shunt) time; or the door opened unexpectedly without a valid card or valid request to exit. Perhaps a MAC truck drove through the door, or someone just used a physical key and opened the door instead of a card. Could be your door bounces when it closes and needs repair or replacement. "Both Forced and Held" means your door opened unexpectedly *and* remained physically open past the door's temporary disarm (shunt) time.
	Door Set for Card Only Door Set for Card Only By Time Zone	The door was locked manually by a software user. Or a time zone assigned to this door inactivated, setting the door back to its default access mode (e.g. card mode).
	Door Unlocked Door Unlocked by Time Zone	The door was unlock manually by a software user; or a time zone assigned to this door just activated causing the door to unlock and disarm for free access.
	Access Granted	A valid card is presented. This icon usually flashes very quickly before turning solid green (Secure).
	Access Denied	Most recent event logged at this door was a card failure such as invalid time, never allowed at the reader, incorrect pin, card expired, activation date not reached, invalid format, card not in controller database, reader is disabled, card is inactive, etc.
	Door Position Point in Fault Condition Request-to-Exit in Fault Condition	Your door hardware is reporting unexpected ohms of resistance. Wiring needs repair, or input supervision type selected in the software doesn't match wiring.
	Door Disabled	This access mode prevents valid cards from unlocking the door. This can be used for emergency situations, such as "Lock Out" to temporarily prevent overwise valid cards from accessing a currently dangerous area.
	Door Position Point Offline Rader Tamper Offline Request-to-Exit Offline	The software cannot confirm the status of the door. Most likely the controller or I/O board monitoring this door is offline.
	Default icon	You are in the "Hardware Configuration" Task. Status icons are displayed in the "Monitor /Control Hardware" Task.

PremiSys Hardware Status and Device Icons

Monitor Point Icons

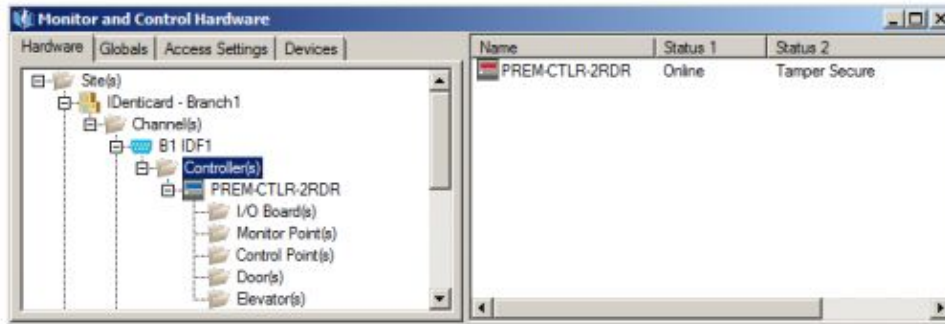| Icon	Corresponds to most recent event logged:	Possible causes, reasons or purposes:
	Monitor Point Secure	Your monitor point (general purpose input point) is secure, or your monitor point is currently disarmed. Change the folder view to "Details" and check the "Status 2" column to see if your point is currently masked (disarmed) or not.
	Monitor Point Alarm	An alarm event was generated at whatever device you are monitoring. For example, your motion sensor sensed motion; your window with a glass break sensor was broken; your emergency exit door opened; your panic button was hit; your fire door was propped open, etc.
	Monitor Point in Fault Condition	Your general purpose input point is reporting unexpected ohms of resistance. Wiring needs repair, or the input supervision type is mismatched.
	Monitor Point Offline	The software cannot confirm the status of the monitor point. Most likely its controller or I/O board is currently not communicating with the system server PC.
	Default icon	You are in the "Hardware Configuration" Task. Live status icons are viewed in the "Monitor/Control Hardware" Task.

Control Point Icons

Icon	Corresponds to most recent event logged:	Possible causes, reasons or purposes:
	Relay Activated	A control point (general purpose relay) has activated (default is relay energizes*) to turn on a light, or to raise a gate, or to engage a door motor to pull open a door, call an elevator, etc.
	Relay Deactivated	A control point (general purpose relay) has de-activated to turn off a light., or to lock a door without a reader
	Control Point Offline	The software cannot confirm the status of this Control Point. Most likely the controller or I/O board above it in the site tree is also reporting offline.
	Default icon	You are in the "Hardware Configuration" Task. Live status icons are displaced in the "Monitor/Control Hardware" Task.

*The behavior of the relay is a software setting and can be inverted, i.e. *de-energize* when activated.

PremiSys Hardware Status and Device Icons

PremiSys Hardware Status and Device Icons

Controller Icons

To view a controller's status icon, click the "Controller(s)" folder above it. Change view to "Details" to see Status 1 & Status 2 columns. To see more comprehensive details, right-click on

the controller icon under the "Name" column. Select "Actions" then click on the "Status" tab.

To view all your controller icons conveniently in one window, create a dynamic map and drag & drop each controller onto the map.
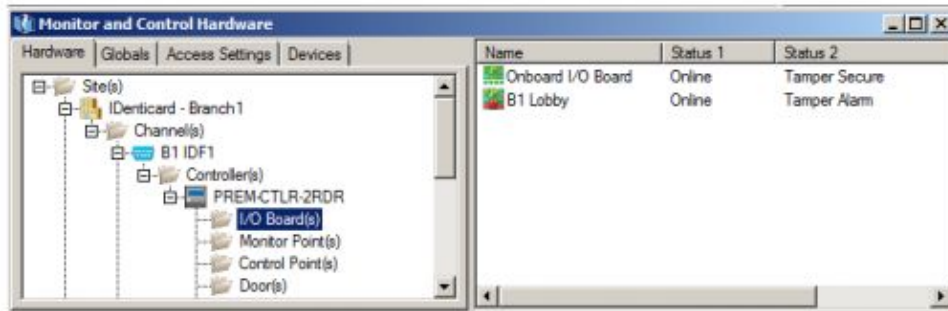
Icon	Corresponds to most recent event logged:	Possible causes, reasons or purposes:
online	Controller Power Secure Controller Cabinet Tamper Secure Host Communications Online	Resistance across the dedicated inputs on the controller, for tamper and power loss, are normal (infinity ohms) AND your controller is communicating.
online	Controller Cabinet Tamper Alarm Controller Power Alarm	The controller's cabinet enclosure has opened, or the power monitoring point is in alarm; or the shorting wires over either dedicated input (if not used) is missing AND your controller is communicating.
offline	Host Communications Offline	Controller status is unknown, probably because it isn't communicating. The software cannot confirm the status of the controller.
n/a	Default icon	You are in the "Hardware Configuration" Task. Live status icons are displaced in the "Monitor/Control Hardware" Task.

PremiSys Hardware Status and Device Icons

PremiSys Hardware Status and Device Icons

I/O Board Icons

To view I/O board status icons, click the "I/O Board(s)." Change view to "Details" to see Status 1 & Status 2 columns. To see more comprehensive details, right-click on an I/O board icon below

the "Name" column. Select "Actions" then click on the "Status" tab. To view I/O boards from different controllers in one window, create a dynamic map and drag & drop each I/O board onto the map.

Icon	Corresponds to most recent event logged:	Possible causes, reasons or purposes:
online	I/O Board Communications Online I/O Board Tamper Secure I/O Board Power Monitor Secure	Resistance across the dedicated inputs on the I/O board, for tamper and power loss, are normal (infinity ohms) AND the I/O board is communicating.
online	I/O Board Tamper Alarm I/O Board Power Alarm	The cabinet enclosure has opened, or the power monitoring point is in alarm; or the shorting wires over either dedicated input (if not used) is absent.
offline	I/O Board Communications Offline	Status is unknown, probably because it isn't communicating. Check dipswitches for correct address and baud speed. Maybe the RS-485 wire is disconnected. Or, it's fine but reporting offline because the controller in the site tree above it is also offline.
n/a	Default icon	You are in the "Hardware Configuration" Task. Live status icons are displaced in the "Monitor/Control Hardware" Task.

PremiSys Hardware Status and Device Icons