

# Cinegration White Paper WP 017

7.28.2018

## How to Setup Weather Response on Sonnen Driver

**Description:** By default, the driver will poll the National Weather Service (USA) every 15 minutes for current weather alerts. When one of the defined weather events happens, a request to the customer will be sent (via Push Notification). Customer (if they choose) will click on the ecoLinx icon in Control4 to activate the weather response profile.

Setup: Defining weather alert scope.

Click on ecoLinx driver and choose Weather Response Profile

Clean Energy Events and Actions	
Current Profile Running	Sat Jul 28 14:46:56 2018: Sonnen Offline
Energy Profile Management	Weather Alert
Notify: Description	Triggers when weather alert has been issued for your area
Event: Auto Execute	No
Event: Weather Types	Hurricane,Thunderstorm Warning,Tornado,Blizzard,Winter Storm Warning. List of weather types. See manual for proper use.
Event: Weather Poll Time	<input type="text" value="15"/> Polling Time (minutes) for weather data
Notify: Execute Announcement	Choose Control4 announcement to execute
Notify: Deactivate Smart Breakers	<input type="text"/> <input type="button" value="Select"/>
Notify: Activate Smart Breakers	<input type="text"/> <input type="button" value="Select"/>
Notify: Execute Lighting Scene	<input type="text"/>
Notify: Push Notification	[Alarm] National Weather Service has issued a [ALERT] in your area. [PROFILE] profile activated Notification message format. See manual for options
Notify: Confirm Msg	[Alarm] National Weather Service has issued a [ALERT] in your area. Click ecoLinx icon to activate [PROFILE] p Notification message format. See manual for options
Notify: Backup Buffer Level	<input type="text" value="100"/> Set the amount of stored energy for this profile
Notify: Set Battery Mode	Backup Power

Events type properties define 'how' the profile is activated.

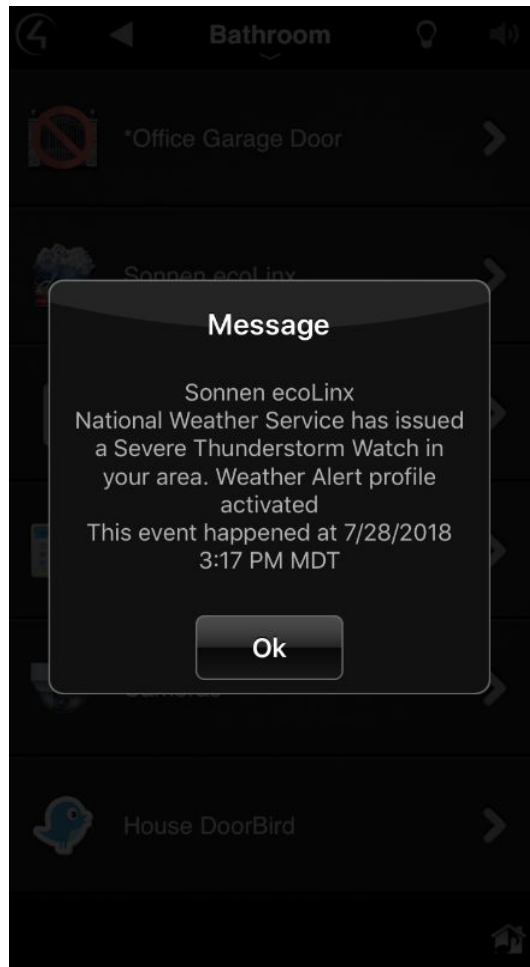
Event: Auto Execute -> If set to Yes -> Driver will activate profile automatically, if set to No -> Driver will request confirmation (by clicking on ecoLinx icon) to activate. Customer has 15 minutes after notification to accept.

Event: Weather Types -> A comma delimited list of words or phrases that are used to filter the kinds of events. Example, Winter Storm Warning phrase will NOT allow Winter Storm Watch from activating. If dealer wants both (Warning and Watch) then omit the Warning word in the phrase to simply: Winter Storm.

Example of Confirmation Push Notification to customer: (sent automatically \*no dealer programming required\*)

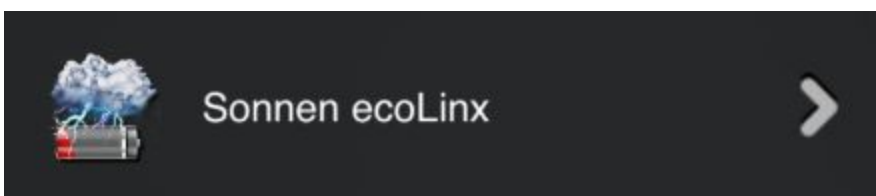


Example Alert Message (shown inside Control4 App):



## Icons

Weather Response Activated:



Weather Response Confirmation:

