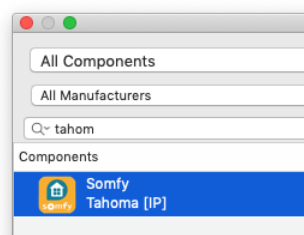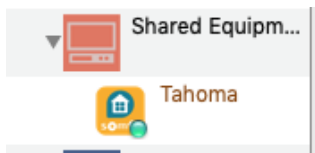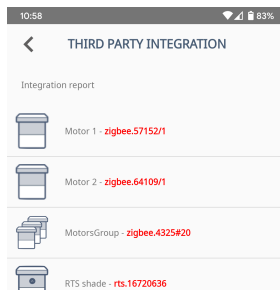# Savant's Somfy Tahoma Profile
Read Me

1. Be sure to use Savant Blueprint Version 9.2.2 or newer as the communication TCP/TLS is not included in earlier versions.
2. To import the profile into your custom profiles library please see the KB Article on the Savant community on "*App Note* Profile Import Tool Setup Guide"
3. After importing the profile into your custom library you may search for the profile under Somfy Tahoma

4. Place the component into your blueprint and name it
5. Repeat step 3 for each Tahoma Beecon that is installed

6. Use LanScan to find the IP address of your Tahoma Beecon, and ensure it is configured with a IP address reservation. In LanScan the Manufacturer will show up as "ASIX ELECTRONICS CORP."
7. Make the ethernet connection to the Tahoma Beecon and enter the IP address for the device.
8. Using the Somfy Tahoma App setup and configure all the shades to be connected to the Beecon.
9. Inside the App go to Settings -> Third Party Integration -> and click on the Control 4 Icon. Use this new screen to get the list of shades to enter into the Shade Data Table.

10. In Savant enter each shade you wish to control into the data table. To do, in the Savant software go to Tools-> Settings -> Shades. In the shade data table press the plus in the lower left corner to add a new line for each shade you wish to control.
11. Each shade be sure to set the proper:
    a. Controller - Name of the Beecon that will be controlling this shade
    b. Location - Savant zone for this shade
    c. Entity - See table below for proper selection:

Shade Type	Entity to Use	Feedback and Scenes
RTS Shade	Individual Shade	NO
Zigbee Shade	Individual Variable Shade	YES
Zigbee Shade Group	Shade	NO
Zigbee to Wired Shades	Variable Shade	YES
Zigbee Lighting Devices	Dimmer or Switch	YES

    d. Label - Name of the shade as you want it to appear in the Savant Pro App
    e. Address 1 - Should be the number after Zigbee. or RTS. and before the # or /

Enabled	Identifier	Controller	Location	Entity		Label	Address [1]	Address [2]	A
☑	0	Tahoma	Room 1	Individual Variable Shade		Motor 1	57152		
☑	1	Tahoma	Room 1	Individual Variable Shade		Motor 2	64109		
☑	2	Tahoma	Room 1	Shade		Zigbee Group	4325		

12. If you are using RTS shades you MUST change the state variable on the Tahoma profile to RTS for it to operate properly.
    a. Open the Tahoma profile in "Inspector"
    b. Change the drop down to "State Variables"
    c. Under "Type" change to RTS and it must be all in caps.
    d. If you want to control RTS shades and Zigbee shade Groups you must place 2 Tahoma profiles in your project and set one up for RTS and one up for Zigbee Shade Groups.
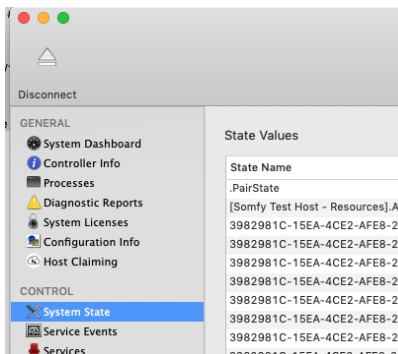
Show: State Variables
token
Type

Properties for: Type
Initial Value: ZIGBEE
Default Initial Value: ZIGBEE

13. Once you have finished the Data Table Entry click "Done", Generate services, Save your config and upload.
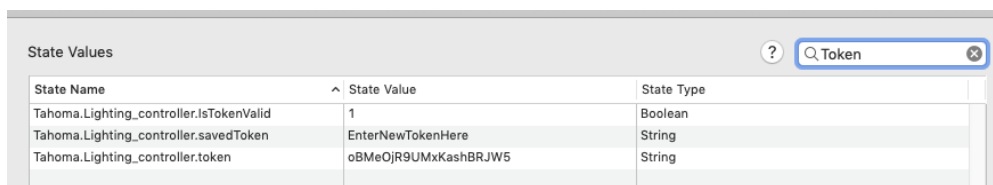14. Once the host has started you will need to "Authorize" the host to communicate with the Tahoma Beecon. To do this enter the Third party integration page in the Tahoma app from step 8. Once here click the "Enable/Refresh Integrations" button

ENABLE / REFRESH INTEGRATIONS

15. Open system monitor to the "System State" tab

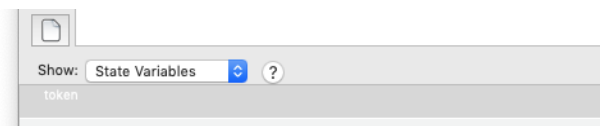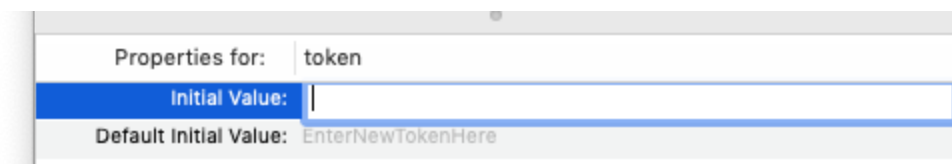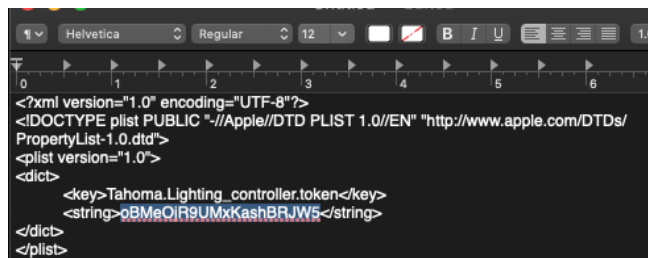

16. And in the search box enter "Token"

17. Locate the state named <BeeconName>.Lighting_controller.token
18. Highlight this value and copy it to a textedit
19. In the Savant software open the "Inspector Window" for the Tahoma Beecon and change the drop down menu "Show" to "State Variables"

20. Copy the token from the TextEdit window located between the <string> tags and only the token into the "Initial Value" space

21. Close the inspector window and Generate services if needed, Save your config and upload to the host.
22. Test your shade control.

Troubleshooting Steps
Shades aren't moving.
Check for communication from Savant to the Tahoma Beecon
Check Beecon IP address (Step 6)
Check that your token is entered correctly (Steps 12-18)
Check that the shade Addresses are entered correctly (Steps 8-9)

Notes from profile:
Savant version 9.2.2 or later is required for communication between Savant and the Tahoma to work.

When using lanScan to locate the IP address the vendor will display as "ASIX ELECTRONICS CORP."

For Zigbee Shades(Feedback and will work in scenes):
-Select entity type "Individual Variable Shade"
-Enter the device ID after zigbee."xxxxxxxx"/1 into Address 1 exclude the /1 at the end

For Zigbee Shade Groups(no feedback and will not work in Scenes):
-Select entity type "Shade"
-Enter the device ID after zigbee."xxxxxxxx"#20 into Address 1 exclude the #20 at the end

For Zigbee to Wired Shades(Feedback and will work in scenes):
-Select entity type "variable Shade"
-Enter the device ID after zigbee."xxxxxxxx"/10 into Address 1 exclude the /10 at the end

For Zigbee Lighting Devices(Feedback and will work in scenes):
-Select entity type "Dimmer" or "Switch"
-Enter the device ID after zigbee."xxxxxxxx"/1#1 into Address 1 exclude the /1#1 at the end

For RTS devices(no feedback and will not work in Scenes):
-Select entity type "Shade"
-Enter the device ID after rts."xxxxxxxx" into Address 1
-Change the state variable from "ZIGBEE" to "RTS"
- NOTE YOU CAN ONLY CONTROL RTS or Zigbee groups in 1 profile you can not control both.

Use the CUSTOM COMMANDS to send commands using workflows. The commands in the SHADECONTROLLER are named specific for the UI and may not act as you intend them to.