



INTEGRATION for TAHOMA[®] ZIGBEE & RTS



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I. INTRODUCTION

The Somfy Organization's strength has been demonstrated with 50 years of experience in motorization. As leaders in the shading industry with innovative and modern solutions for homes and commercial buildings, Somfy offers the widest range of strong, quiet motors and controls for all types of applications and technologies.

Who is this Guide for?

This guide is aimed at providing support and guidance to homeowners, installers, and dealers for achieving complete automation of Zigbee® and Radio Technology Somfy® (RTS) motors with the TaHoma® Smartphone and Tablet Interface.

What does this Guide contain?

The sections of this guide contain walkthroughs and methods of controlling Zigbee and RTS devices using the TaHoma® Smartphone and Tablet Interface as the bridge between SmartThings and Smart Shading by Somfy.

For questions or assistance please contact technical support:

(800) 22-SOMFY (76639)

technicalsupport_us@somfy.com

How should this Guide be used?

This guide is intended to be used as a reference manual.

II. OVERVIEW

DESCRIPTION

The Somfy TaHoma® Smartphone and Tablet Interface provides a single platform for Somfy Zigbee and RTS with a wide range of interior and exterior applications.

- The TaHoma system supports up to 50 Zigbee devices and 40 RTS channels
- Install up to 10 TaHoma Interfaces as zone controllers to increase the RTS range (RTS only)
 - The TaHoma system can support a maximum of 40 scenes with schedules per install

Each TaHoma Interface is connected to Wi-Fi or directly to the local area network by an optional Ethernet adaptor for IP Integration with third-party control systems. TaHoma is compatible with the Somfy Synergy™ API.

Details of this controller and commissioning instructions are available in the Somfy TaHoma Smartphone and Tablet Interface Programming Guide.

RESOURCES & APPLICATIONS

Visit www.somfypro.com for the following guides:

- [Somfy TaHoma Smartphone and Tablet Interface Programming Guide](#)
 - [Somfy RTS Pocket Programming Guide](#)

Subscribe to the Somfy YouTube Channel www.youtube.com/somfysystems

Visit Somfy U for all the training you need — your pace, your place www.somfyu.com

Visit the Google Play or iOS App Store for the Somfy TaHoma North America App:



[Google Play Store](#)



[iOS App Store](#)

Visit the Google Play or iOS App Store for the SmartThings App:



[Google Play Store](#)



[iOS App Store](#)

SYSTEM REQUIREMENTS

The TaHoma app is compatible with the following operating systems and software versions:

iOS 11.0+

Android 7.0+



III. INSTALLATION

CONNECTIONS & INDICATORS

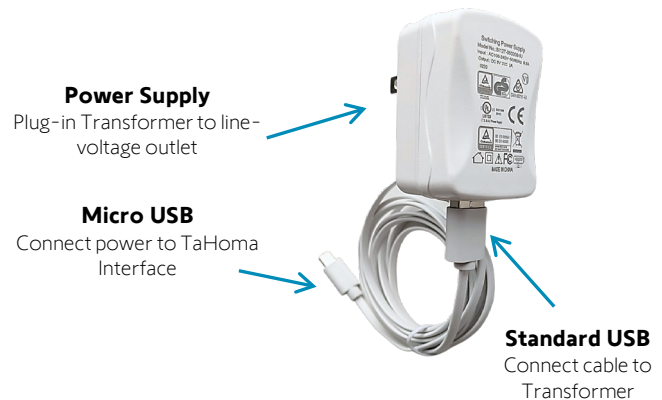
TaHoma® RTS/Zigbee Smartphone and Tablet Interface #1811731 (With base stand included with TaHoma Interface)

REAR

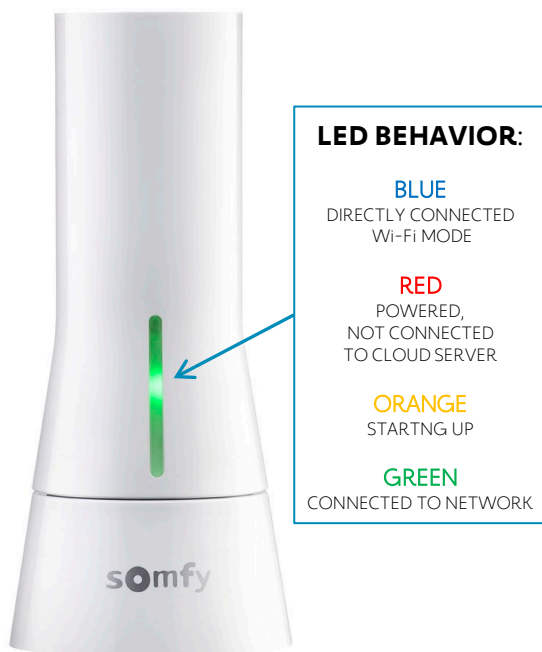


PLUG-IN POWER SUPPLY REQUIRED (Included with TaHoma Interface)

Connect to line-voltage to power TaHoma Interface

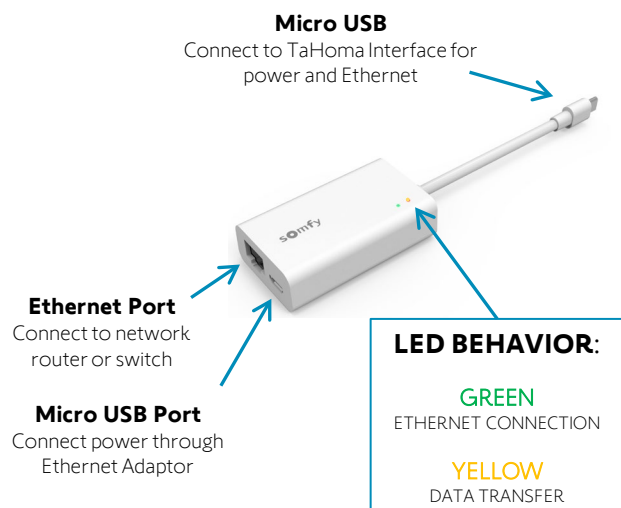


FRONT



TaHoma® Ethernet Adaptor #1870470 (Sold Separately)

Connect for a wired local area network connection



IV. SYSTEM PREPARATION

SOMFY SYSTEM

A fully operational TaHoma system is required prior to SmartThings programming. The TaHoma system supports up to 50 Zigbee devices and 40 channels of RTS. RTS devices programmed to an RTS channel will only receive commands from the associated TaHoma Interface. Interfaces must be placed within 23-35 feet of the devices they control.

- Confirm with Shade Commissioning Agent that the TaHoma Interface firmware is up to date
 - Must have one Samsung SmartThings account per TaHoma system or project

Product Compatibility:

SmartThings integration does not support Somfy Zigbee Smart Plug & Repeaters.

SmartThings does not keep a record of last commands sent for Somfy RTS motors.

SMARTTHINGS SYSTEM

A fully operational SmartThings system is required prior to TaHoma integration.

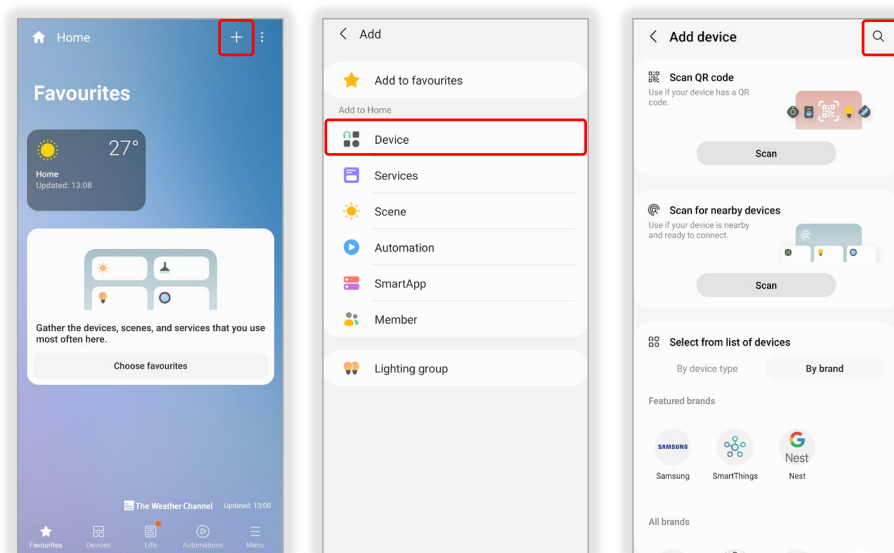
- Confirm that SmartThings is powered on and connected to a network with internet
 - Confirm the SmartThings IOS/Android application is up to date
 - Must have SmartThings credentials

V. SET UP

LINK TAHOMA TO SMARTTHINGS

To enable scene and automation control from the SmartThings app, follow the steps below.

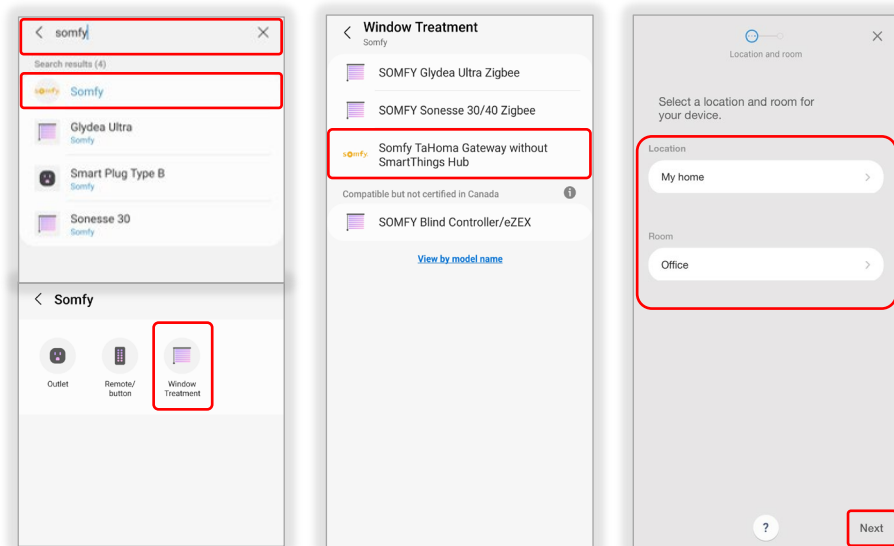
- 1) From the Favorites screen, SELECT the "+" icon
- 2) SELECT "Device"
- 3) SELECT the Magnifying Glass icon
- 4) TYPE Somfy into the Search field or SCROLL to find Somfy



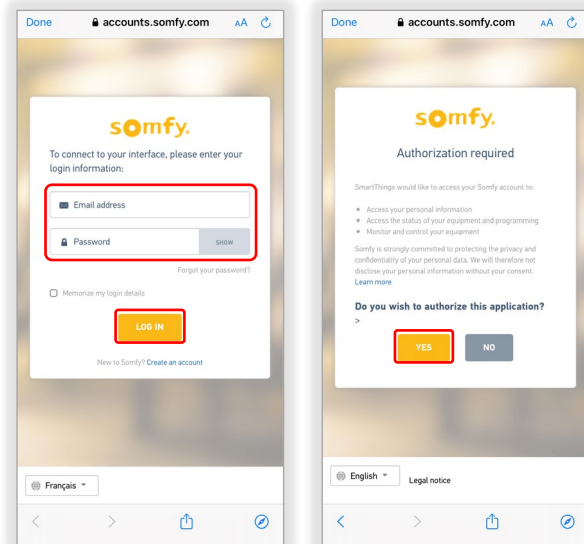
- 5) SELECT "Somfy," SELECT "Window Treatment"
- 6) SELECT "Somfy TaHoma Gateway without SmartThings Hub"
- 7) SELECT a Location and Room for the Somfy device

NOTE: Add Somfy to any room or the room where TaHoma Interface is installed. Discovered devices can be moved to the respective rooms later.

Example: "Bedroom 1"

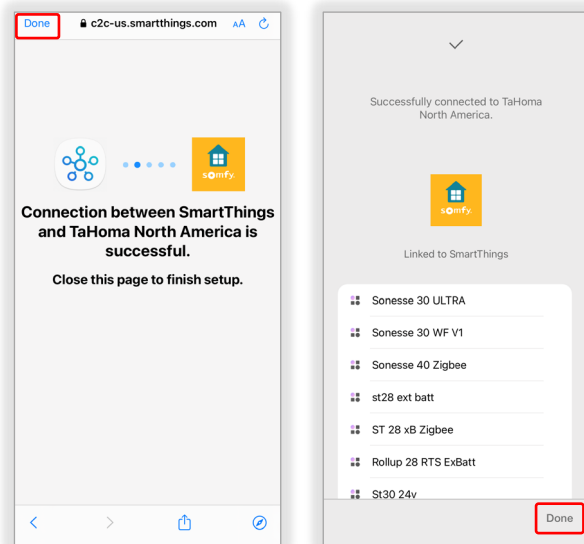


- 7) ENTER the TaHoma Login credentials used to register during TaHoma programming
- 8) SELECT "LOG IN"
- 9) SELECT "YES" to authorize SmartThings access to the Somfy account



The display will read, "Connection between SmartThings and TaHoma North America is successful."

- 10) SELECT "Done"
- 11) SELECT "Done"



TaHoma has been linked to SmartThings.

All paired devices in TaHoma will appear in the room initially selected.

To disconnect TaHoma North America [refer to the Unlink TaHoma from SmartThings section](#) of this Guide.

EDIT TAHOMA DEVICES

To make changes to linked devices, follow the steps below.

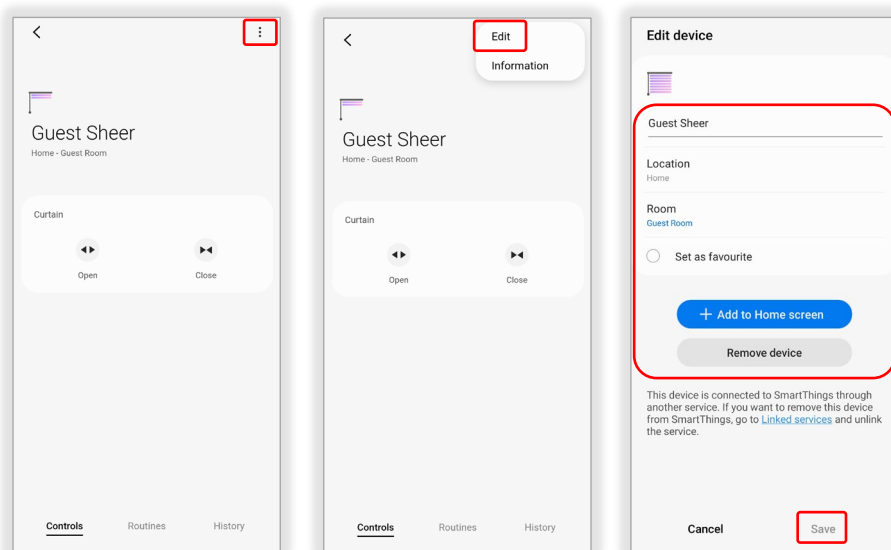
1) SELECT the Device to edit,
SELECT the Options icon from
the top right corner

2) SELECT "Edit" to:

- Change name of the device
- Change location or room of device
- Set as favorite
- Add device to Home screen
- Delete the device

NOTE: A portal to Linked Services is located under each device's Edit menu, used to disconnect from TaHoma

3) SELECT "Save"



CONTROL TAHOMA DEVICES

To control Zigbee and RTS devices, follow the steps below.

NOTE: SmartThings integration to TaHoma does not support Somfy Zigbee Smart Plug & Repeaters.

1) From the Devices screen,
SELECT a Room, SELECT a
Device

Examples:

Room: Guest Room

Device: Guest Sheer

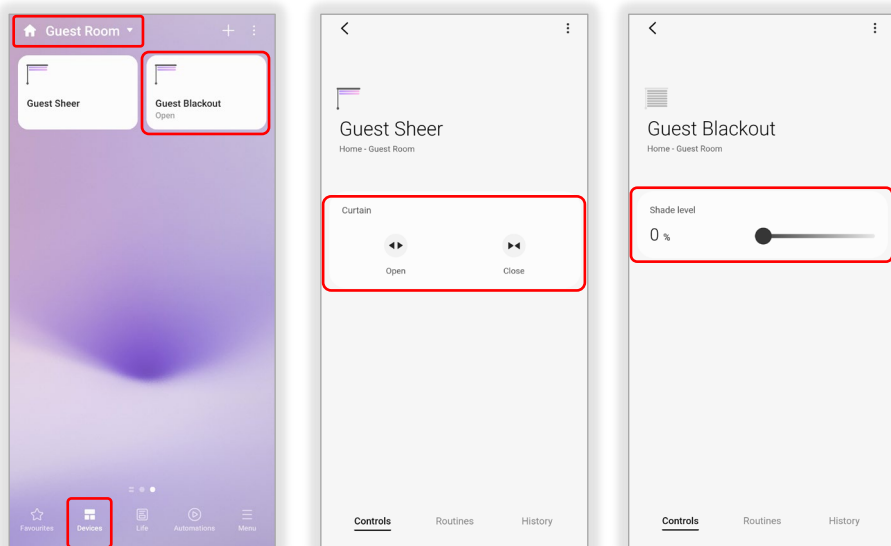
2) SELECT a command to control
the device

Available commands:

RTS: Open or Close

Zigbee: 0-100% slider

NOTE: This integration does not allow a Stop command.



RTS Motor

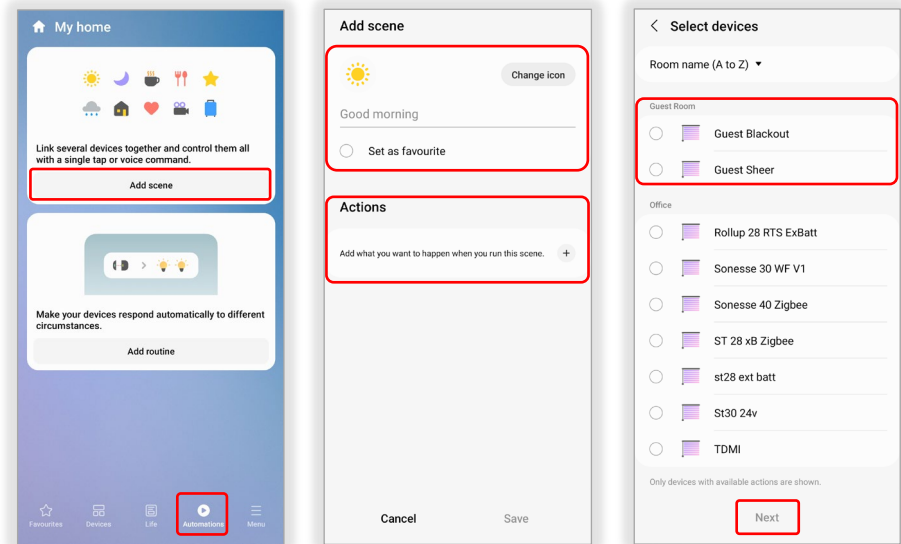
Zigbee Motor

NOTE: SmartThings does not keep a record of last commands sent for Somfy RTS motors.

CREATE SCENES

Scenes allow multiple devices to be controlled with various actions.
To create Scenes, follow the steps below.

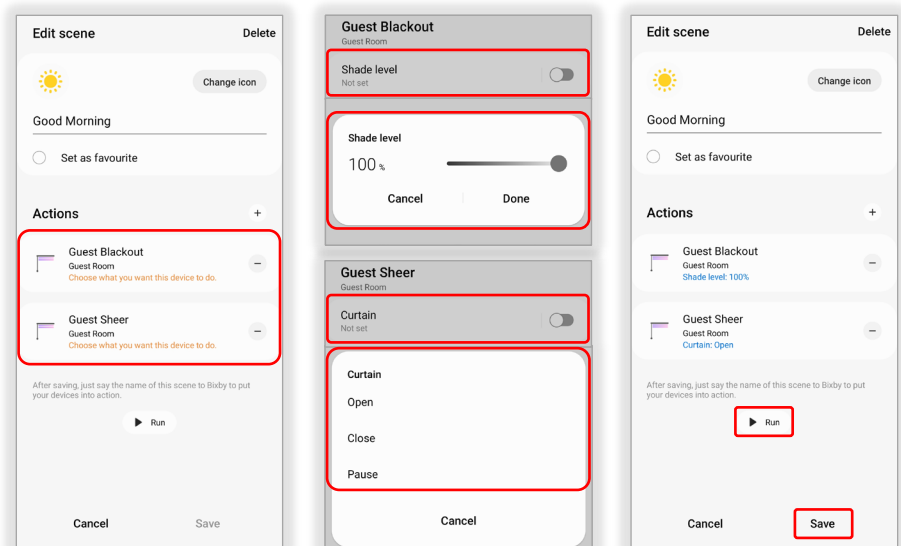
- 1) SELECT "Automations" from the bottom menu bar
- 2) SELECT "Add scene"
- 3) ENTER a name for the Scene
Optional: Select "Change icon" to change the Scene's icon
- 4) SELECT the "+" icon under Actions to add devices
- 5) SELECT "Control Devices,"
SELECT the Device
Example: Guest Blackout and Guest Sheer
- 6) SELECT "Next"



- 7) SELECT a Device to set a command
Example: Guest Blackout
- 8) For Zigbee motors: (Shade)
SELECT "Shade level," 0-100%
NOTE: Labelled as Shade in app

For RTS motors: (Curtain)
SELECT "Open" or "Close"
NOTE: Labelled as Curtain in app
Pause function is not applicable

- 9) SELECT "Done" for Android devices
SELECT "Save" for IOS devices
- 10) SELECT "Run" to test the Scene
NOTE: To set a Scene as a favorite, SELECT "Set as favorite"
- 11) SELECT "Save" for Android devices
SELECT "Done" for IOS devices



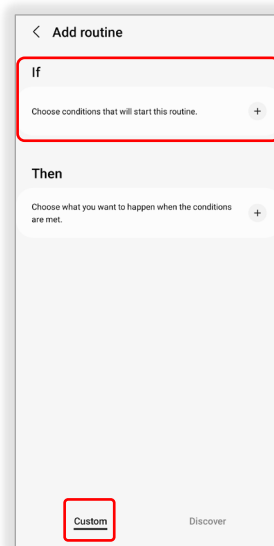
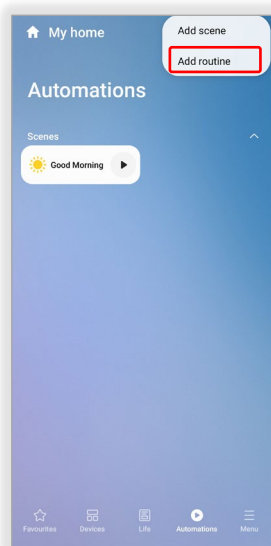
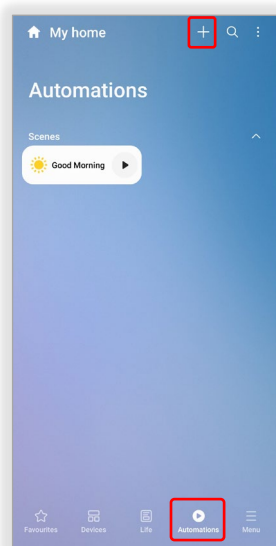
The Scene has been created.

To add the Scene to an Automation, [refer to the Create Routines](#) section of this Guide.

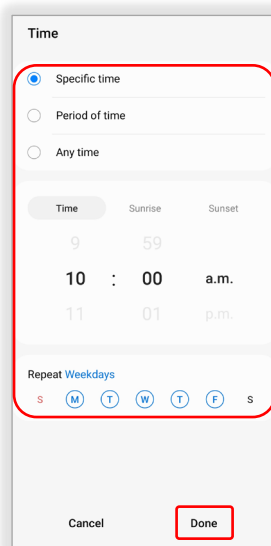
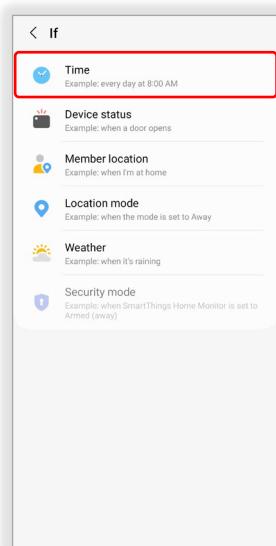
CREATE ROUTINES

Routines allow devices to be controlled based on conditions set such as specific times, days of the week, or when another device is activated (such as detecting motion or mobile presence).
To create Routines, follow the steps below.

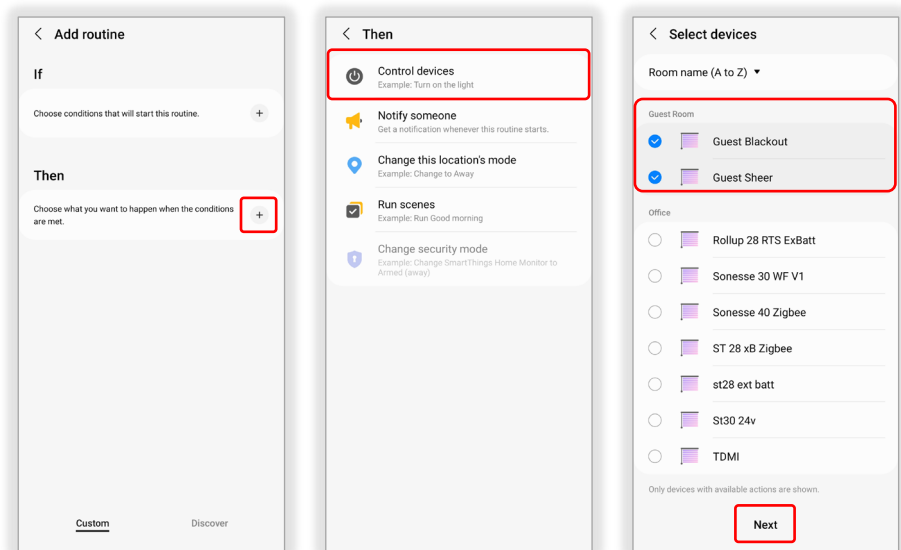
- 1) SELECT "Automations" from the bottom menu bar
- 2) SELECT the "+" icon
- 3) SELECT "Add routine"
- 4) SELECT "Custom"
- 5) Under If SELECT the "+" icon to choose conditions that will start the Automation
NOTE: Multiple conditions can be added.



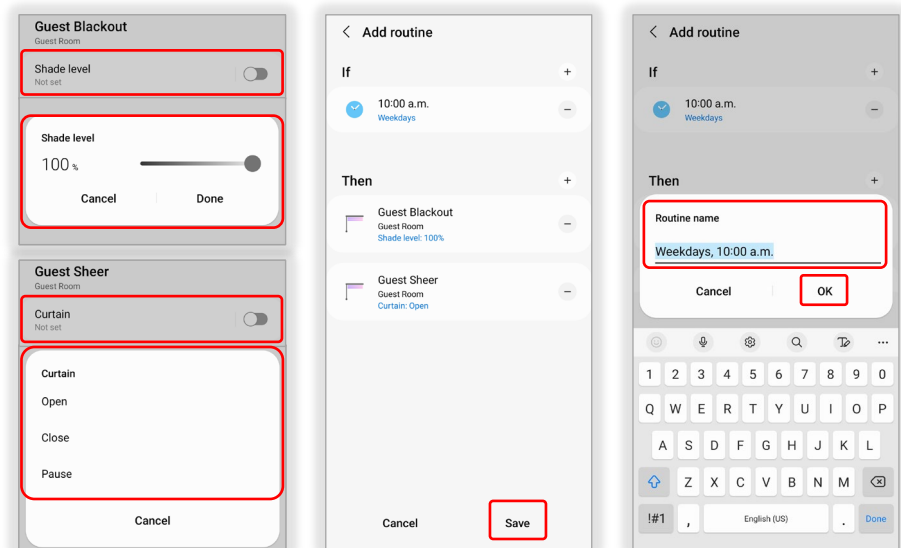
- 6) SELECT "Time"
Available time setting:
 - Specific time and day
 - Sunrise or Sunset
 - Period of time (start & end)
 - Any time (once per day)
- 7) SELECT "Done" for Android devices
SELECT "Save" for IOS devices



- 8) SELECT the "+" icon to choose what you want to happen when the conditions are met
- 9) SELECT a condition
 - Control devices
 - Notify someone
 - Change this location's mode
 - Run scenes
 - Change security mode
- 10) SELECT "Control devices"
- 11) SELECT the Devices to control
- 12) SELECT "Next"
- 13) SELECT a Device to set a command
NOTE: Zigbee devices have slider controls and RTS devices have open and close commands.



- 14) SELECT "Save" for Android devices
 SELECT "Done" for IOS devices
- 15) ENTER a Routine name in the text field
- 16) SELECT "OK"



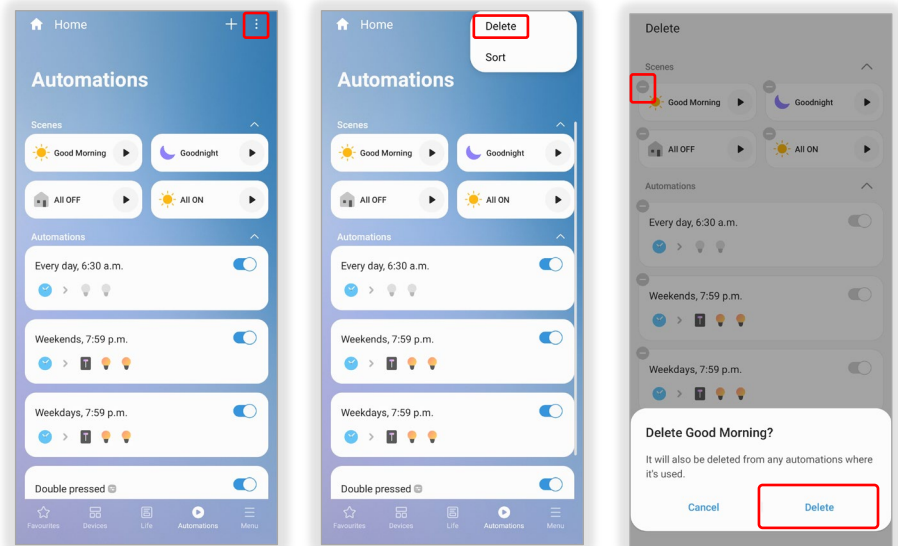
The Routine has been created.

DELETE SCENES OR ROUTINES

If a scene or routine is no longer required, follow the steps below.

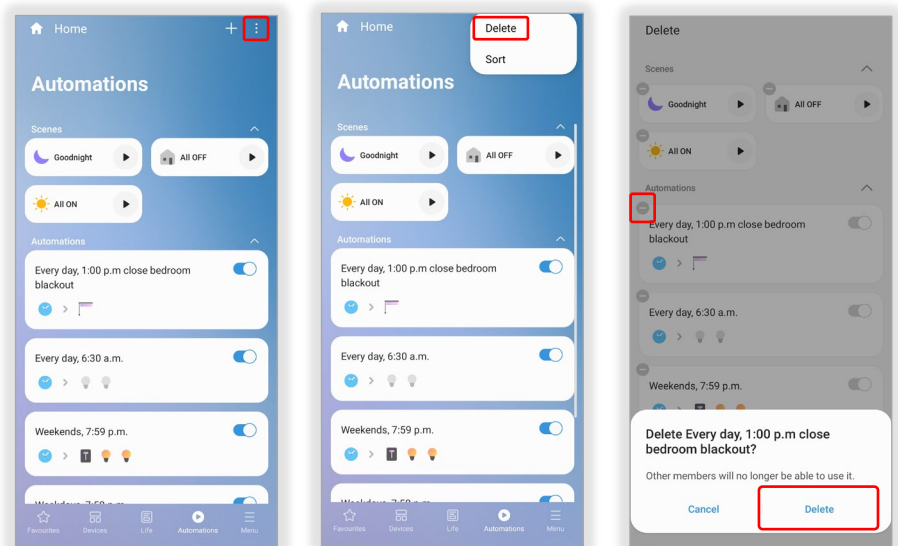
DELETE A SCENE:

- 1) From the Automations screen, SELECT the Options icon from the top right corner
- 2) SELECT "Delete"
- 3) SELECT the "-" icon next to the Scene to be deleted
- 4) SELECT "Delete"



DELETE A ROUTINE:

- 1) From the Automations screen, SELECT the Options icon from the top right corner
- 2) SELECT "Delete"
- 3) SELECT the "-" icon next to the scene to be deleted
- 4) SELECT "Delete"



The Scene or Routine has been deleted.

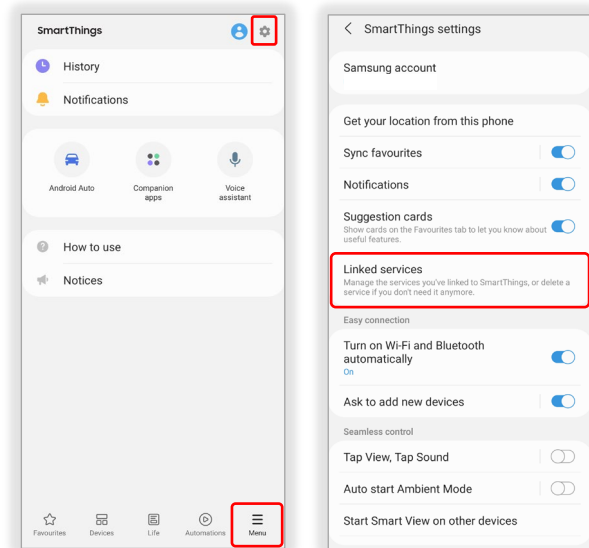
UNLINK TAHOMA FROM SMARTTHINGS

If SmartThings Integration is no longer required, follow the steps below.

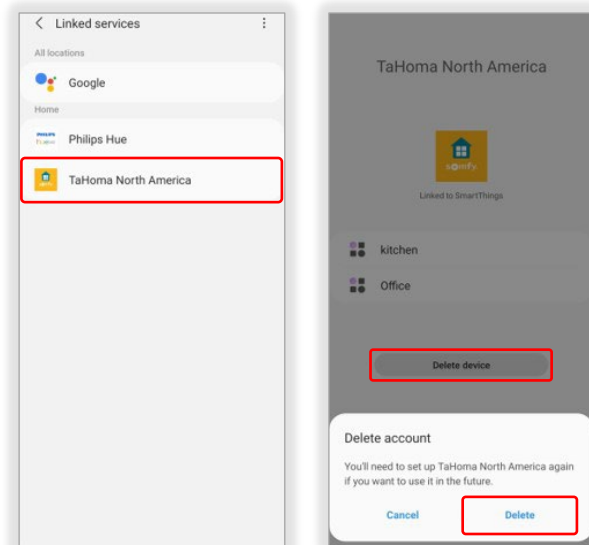
Unlinking TaHoma from SmartThings will remove all devices. Devices that were part of scenes or routines will also be removed.

If relinking TaHoma, devices will need to be added back into scenes or routines.

- 1) SELECT the Menu icon from the bottom right corner
- 2) SELECT the Gear icon from the top right corner
- 3) SELECT "Linked services"



- 4) SELECT "TaHoma North America"
- 5) SELECT "Delete device"
- 6) SELECT "Delete" to confirm



TaHoma North America has been unlinked.

APPENDIX

[APPENDIX A] AVAILABLE COMMANDS & ACTIONS



TAHOMA ZIGBEE COMMANDS	
Percent Slider	Moves blind to a percent openness (0-100%)



TAHOMA RTS COMMANDS	
Open	Moves blind to the fully open position
Close	Moves blind to the fully closed position
ON	Turns LED light kit on (only available for LED light kit)
OFF	Turns LED light kit off (only available for LED light kit)

ABOUT SOMFY

SOMFY® has been improving everyday life for more than 270 million people by designing and manufacturing intelligent motorization solutions for interior window coverings and exterior solar protections. Somfy innovates to automate and connect shades, blinds, draperies, awnings, rolling shutters, exterior screens & pergolas for commercial and residential buildings in 58 countries across the globe. With 170+ million motors produced over the last half century, Somfy is committed to creating reliable and sustainable solutions that promote the best way of living and well-being for all.

FOR QUESTIONS OR ASSISTANCE PLEASE CONTACT TECHNICAL SUPPORT:

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