RTS
Radio Technology Somfy

Works with SmartThings

INTEGRATION for TAHOMA® RTS

somfy

INTEGRATION GUIDE

SMARTTHINGS INTEGRATION for TAHOMA® RTS

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I.   OVERVIEW

The Somfy Organization strength has been demonstrated with 50 years of experience in motorization. As leaders in the shading industry with innovation and modernization 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 Radio Technology Somfy® (RTS) motors and TaHoma® Smartphone and Tablet Interface.

What does this Guide contain?

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

This guide discusses the method of integration with SmartThings.

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.

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 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 following SmartThings App:

Google Play Store   iOS App Store

II. SETUP

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

- The TaHoma® Interface supports up to 40 RTS channels
- Install up to 10 interfaces as zone controllers to increase the RTS range
- The TaHoma® 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 instruction are available in the Somfy TaHoma Smartphone and Tablet Interface Programming Guide.
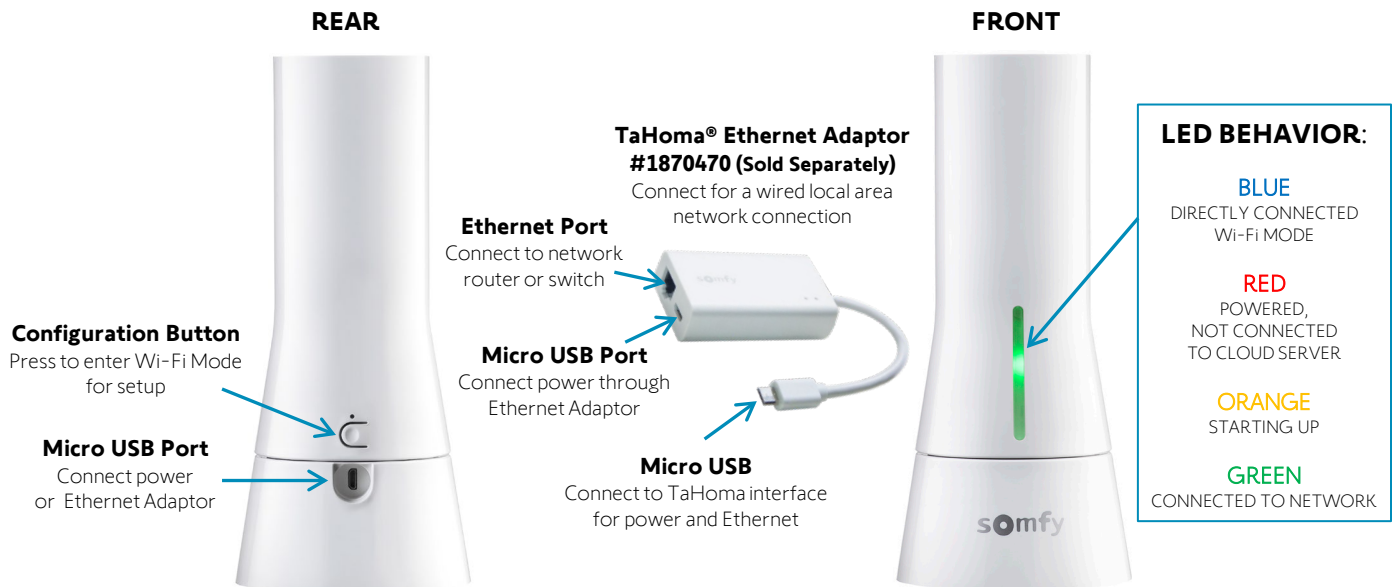
SMART PHONE & TABLET REQUIREMENTS

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

IOS 11.0+

Android 7.0+

CONNECTIONS & INDICATORS

REAR

FRONT

TaHoma® Ethernet Adaptor #1870470 (Sold Separately)
Connect for a wired local area network connection

Ethernet Port
Connect to network router or switch

Micro USB Port
Connect power through Ethernet Adaptor

Micro USB
Connect to TaHoma interface for power and Ethernet

Configuration Button
Press to enter Wi-Fi Mode for setup

Micro USB Port
Connect power or Ethernet Adaptor

LED BEHAVIOR:

BLUE
DIRECTLY CONNECTED Wi-Fi MODE

RED
POWERED, NOT CONNECTED TO CLOUD SERVER

ORANGE
STARTING UP

GREEN
CONNECTED TO NETWORK

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SYSTEM CONFIGURATION

A fully operational TaHoma system is required prior to SmartThings programming. The TaHoma Interface supports up to 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 25-35' of the RTS 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
- Confirm that a SmartThings enabled hub is powered on and connected to a network with internet

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

From the SmartThings App, ensure the correct account is enabled prior to Linking TaHoma.

1) From the Favorites Screen, SELECT the "+" icon

2) SELECT "Device"

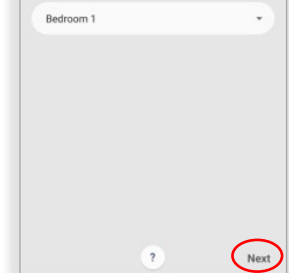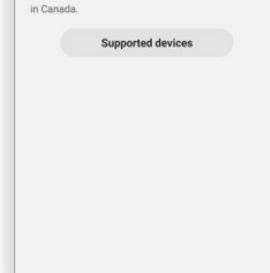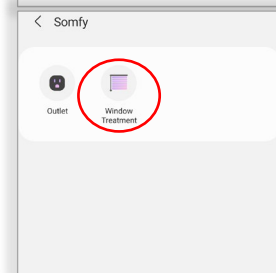3) SELECT the magnifying glass to search for "Somfy" or SCROLL to find Somfy
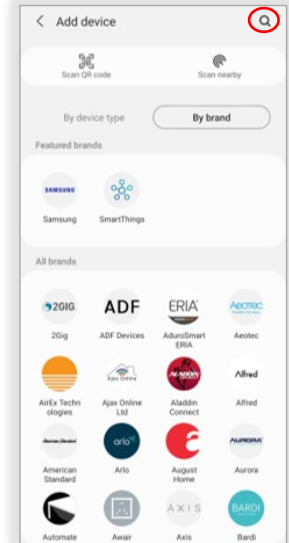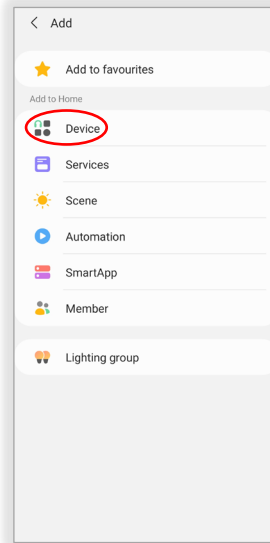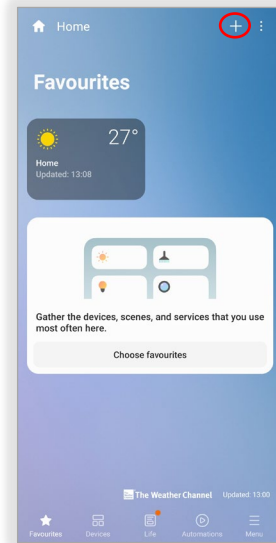
4) SELECT "Somfy," SELECT "Window Treatment"

5) SELECT "Somfy without SmartThings Hub"

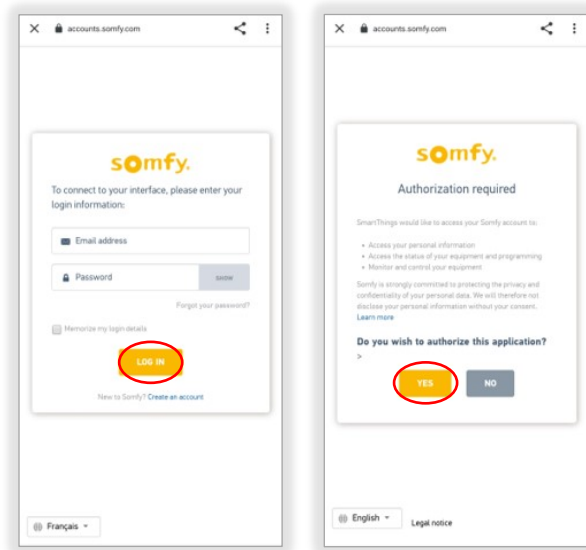6) SELECT a Location and Room for the Somfy device
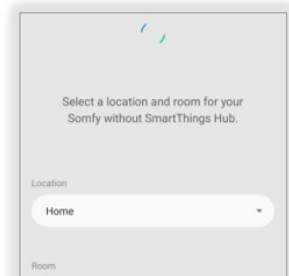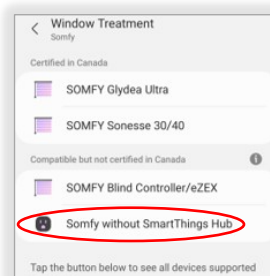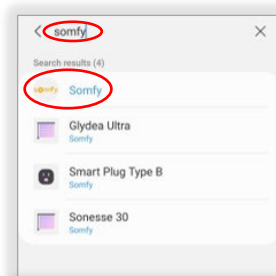
   Add Somfy to any room or the room where TaHoma Interface is installed. Discovered devices can be moved to the respective rooms later.
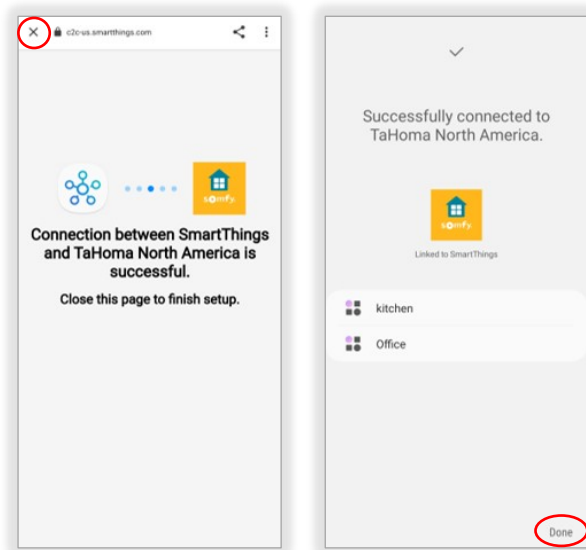
   Example: "Bedroom 1"

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 "X" to finish the setup

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 favourite
   - Add device to Home screen
   - Delete the device

   A portal to Linked Services is located under each device's edit menu, used to disconnect from TaHoma.

3) SELECT "Save"
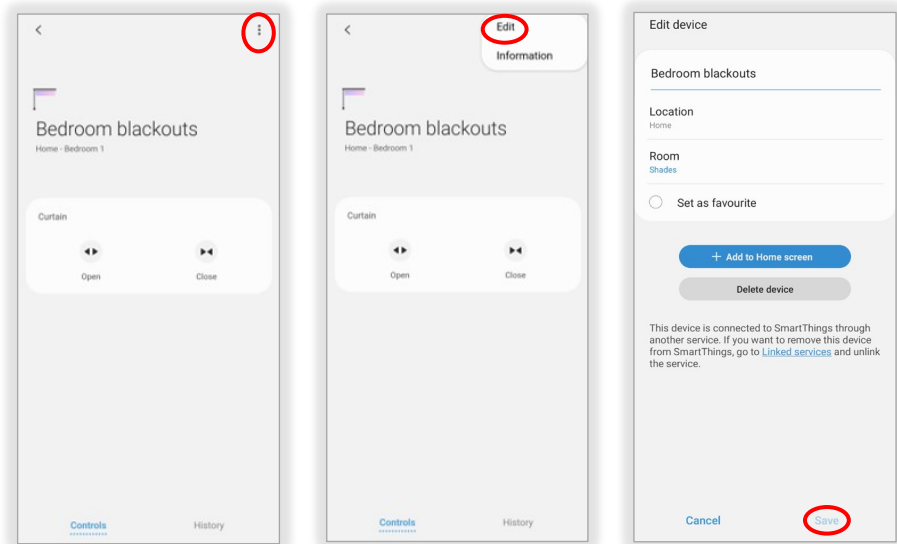
CONTROL TAHOMA DEVICES

To command RTS shades to Open or Close, follow the steps below:

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

   Example:

   Room: Bedroom 2

   Device: Bedroom blackouts

2) SELECT a command to Open or Close the blind

   SmartThings does not keep a record of last commands sent for Somfy RTS motors.
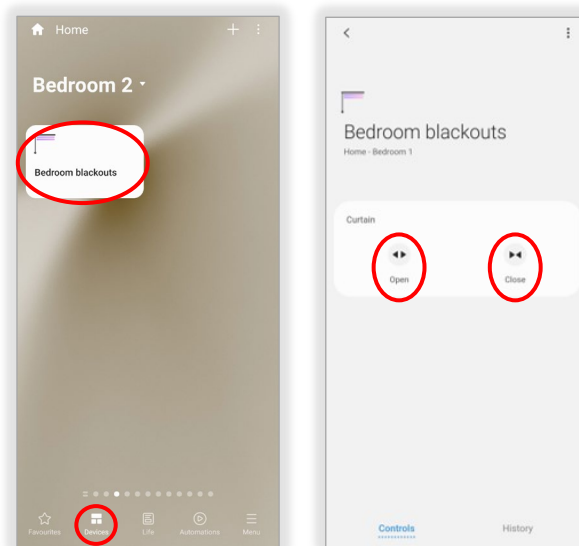
*This integration does not allow a Stop command. If an RTS blind has a MY position programmed, this can be triggered in a SmartThings Scene and/or Automation by selecting Pause.
Pause command = MY Position.*

Scenes allow multiple devices to be controlled with various actions.
To trigger Scenes with the tap of a finger, follow the steps below:

TaHoma supports 40 Scenes with schedules.

1) From the Favorites screen SELECT "+"

2) SELECT "Scene"

3) Enter a name for the Scene, SELECT "+" under Actions
   Optional: Select "Change icon" to change the Scene's icon

4) SELECT "Control Devices," SELECT the Device
   Example: Bedroom blackouts

5) SELECT "Next"
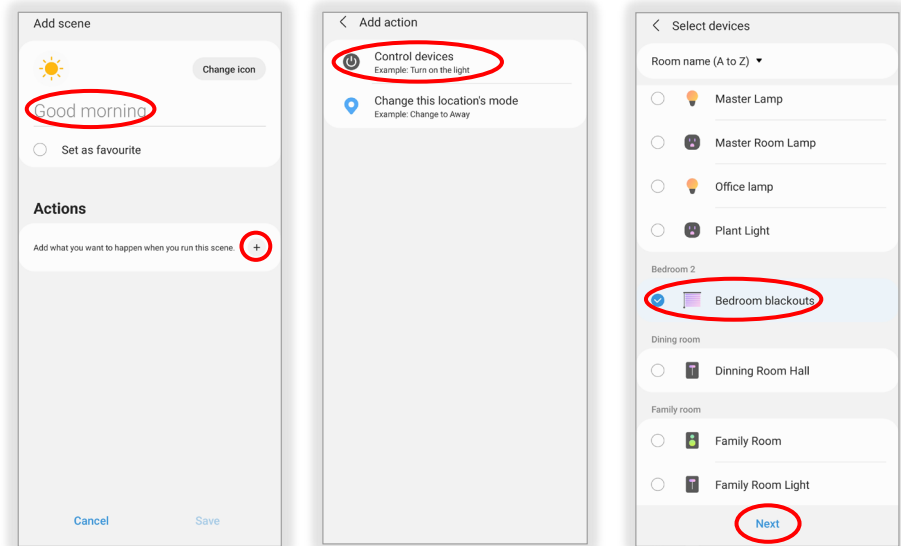
6) SELECT "Curtain," SELECT a Command:
   • Open/Up
   • Close/Down
   • Pause/Stop

7) SELECT "Run" to test the Scene
   Optional: Set as favourite

8) SELECT "Save"
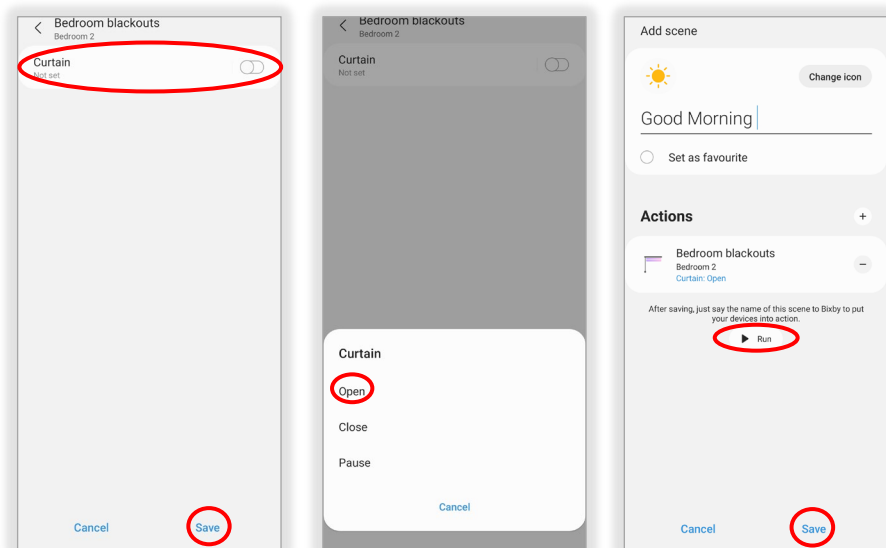
The Scene has been created.

*Set Scenes as a favorite by clicking the options icon and selecting the Scenes to be favorited.*

*To add the Scene to an Automation, refer to the Create Automations section of this Guide.*

To trigger automations based on a set of conditions such as specific times, days of the week or when another device is activated (such as detecting motion or mobile presence), follow the steps below:

1) From the Automation Screen, SELECT "+"

2) SELECT "Add Automations"

3) Under "If" SELECT "+" to choose conditions that will start the Automation
   Multiple conditions can be added. Example: Time

   • Specific time and day

   • Period of time (a start and an end time)

   • Any time (once per day)

   • Sunrise or Sunset

3) SELECT "Save"
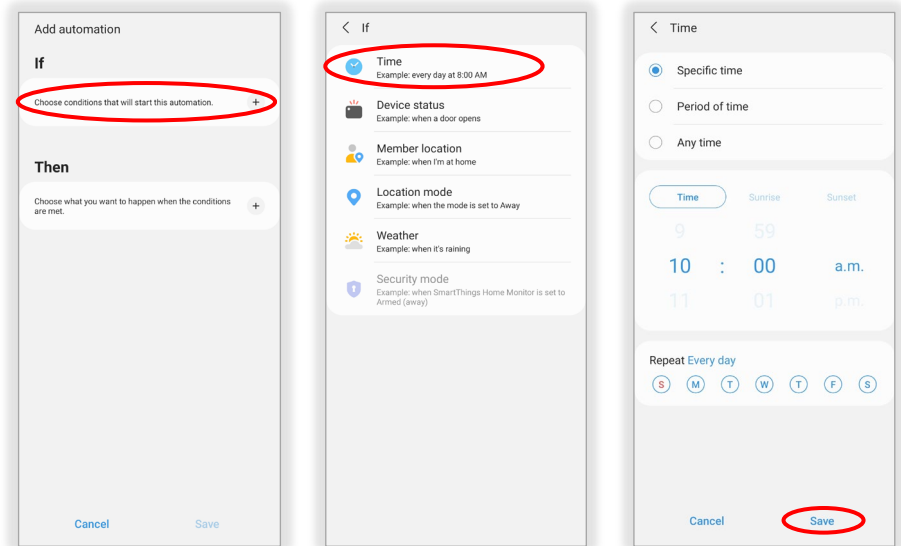
4) Under "Then" SELECT "+" to choose what happens when conditions are met

5) SELECT "Control devices"

6) SELECT the device and set the command
   Example: Bedroom blackouts(Close)

7) SELECT "Save"

8) Name the Automation, SELECT "OK"
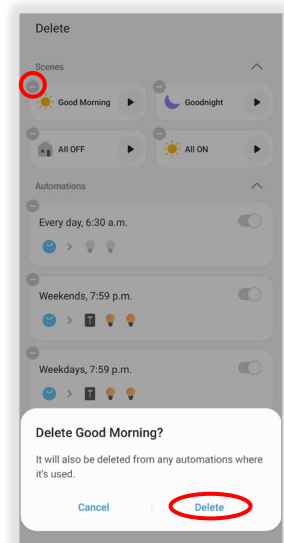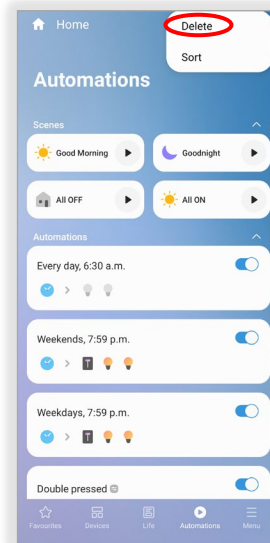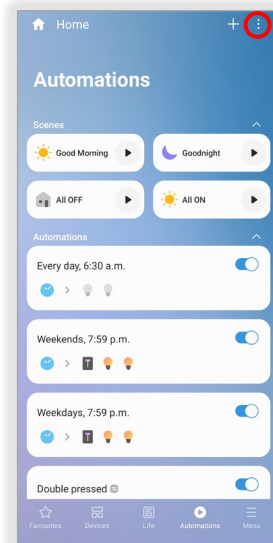   *Automations can be turned on and off anytime using the toggle button next to the Automation.*
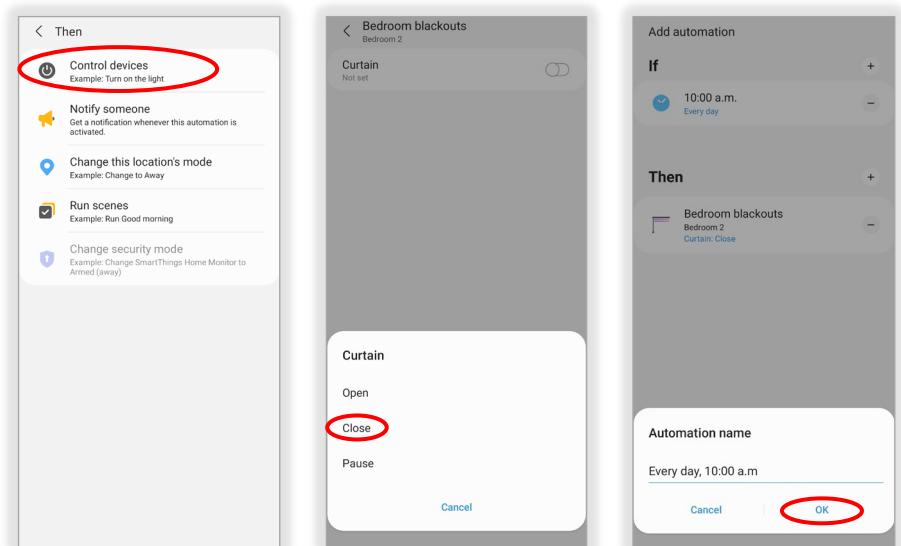
An Automation has been created.

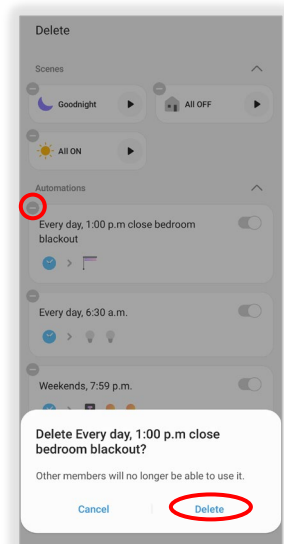If a Scene or Automation is no longer required, follow the steps below:

DELETE A SCENE -

1) From the Automation Screen, SELECT the Options icon button from the top right corner

2) SELECT "Delete"

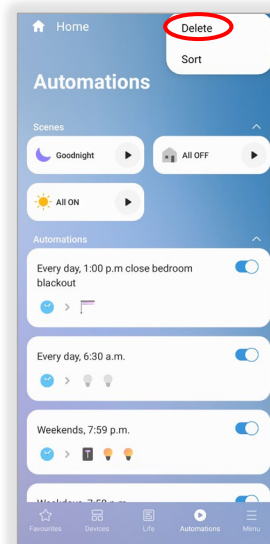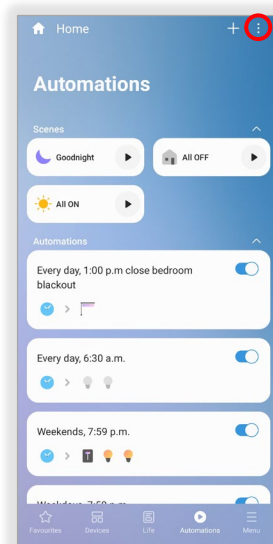3) SELECT "–" next to the scene to be deleted

4) SELECT "Delete"

DELETE AN AUTOMATION -

1) From the Automation Screen, SELECT the Options icon button from the top right corner

2) SELECT "Delete"

3) SELECT "–" next to the scene to be deleted

4) SELECT "Delete"

**The Scene or Automation has been deleted.**

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 Automation will also be removed. If relinking TaHoma, devices will need to be added back into Scenes or Automations.

1) SELECT the Menu button from the bottom right corner
2) SELECT the gear icon from the top right corner
3) SELECT "Linked services"
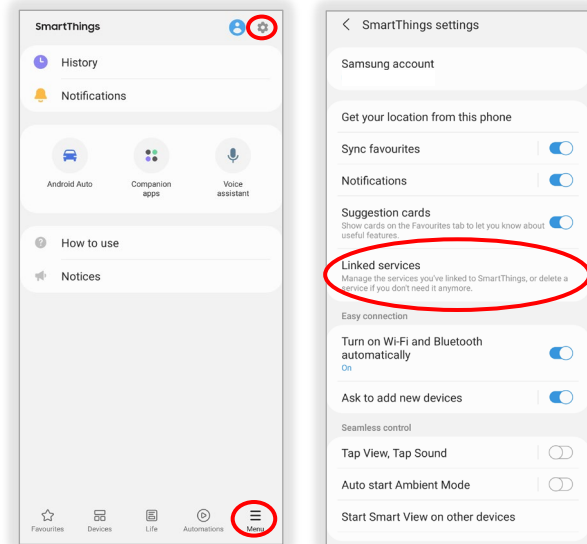
4) SELECT "TaHoma North America"
5) SELECT "Delete Device"
6) SELECT "Delete" to confirm
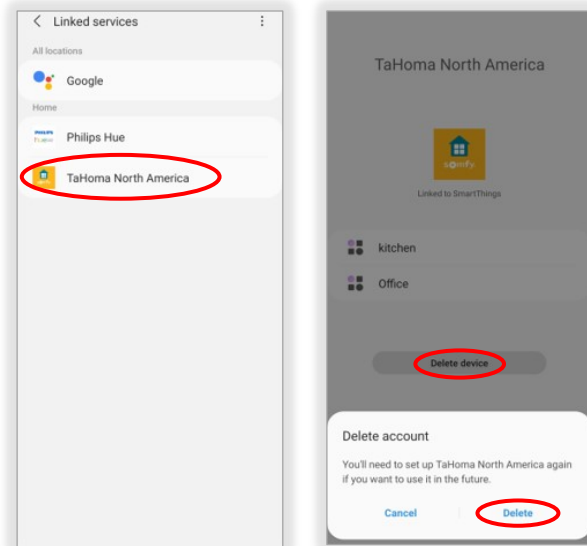
TaHoma North America has been unlinked.

APPENDIX

TAHOMA RTS BLIND	
Open/Raise	Moves blind to the fully open position
Close/Lower	Moves blind to the fully closed position
Pause	Moves blind to the MY position if programmed (Only triggered by a Scene or Automation)

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:
(800) 22-SOMFY (76639)
technicalsupport_us@somfy.com

SOMFY SYSTEMS INC
SOMFY NORTH AMERICAN HEADQUARTERS
121 Herrod Blvd.
Dayton, NJ 08810
P: (609) 395-1300
F: (609) 395-1776

FLORIDA
1200 SW 35th Ave.
Boynton Beach, FL 33426
F: (561) 995-7502

CALIFORNIA
15301 Barranca Parkway
Irvine, CA 92618-2201
F: (949) 727-3775

SOMFY ULC
SOMFY Canada Division
5178 Everest Drive
Mississauga, Ontario L4W2R4
P: (905) 564-6446
F: (905) 238-1491

www.somfypro.com

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