INTEGRATION FOR TAHOMA® RTS

AMAZON ALEXA INTEGRATION FOR TAHOMA® RTS

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I.   OVERVIEW

INTRODUCTION

The Somfy Organization strength has been demonstrated with 50 years of experience in motorization. Leading the shading industry with innovation and modernization solutions for homes and commercial buildings. Offering 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, achieving complete automation of Radio Technology Somfy® (RTS) motors and the 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 Amazon Alexa and the Smart Shading by Somfy.

This guide discusses the method of integration with Amazon Alexa.

For advanced technical support contact:

Somfy Technical Support US at 1-800-227-6639

technicalsupport_us@somfy.com

How to use this Guide?

This guide is designed as a reference manual. Use the table of contents, then follow along in the instruction.

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 Amazon Alexa 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 is available in the Somfy TaHoma Smartphone and Tablet Interface Programming Guide.
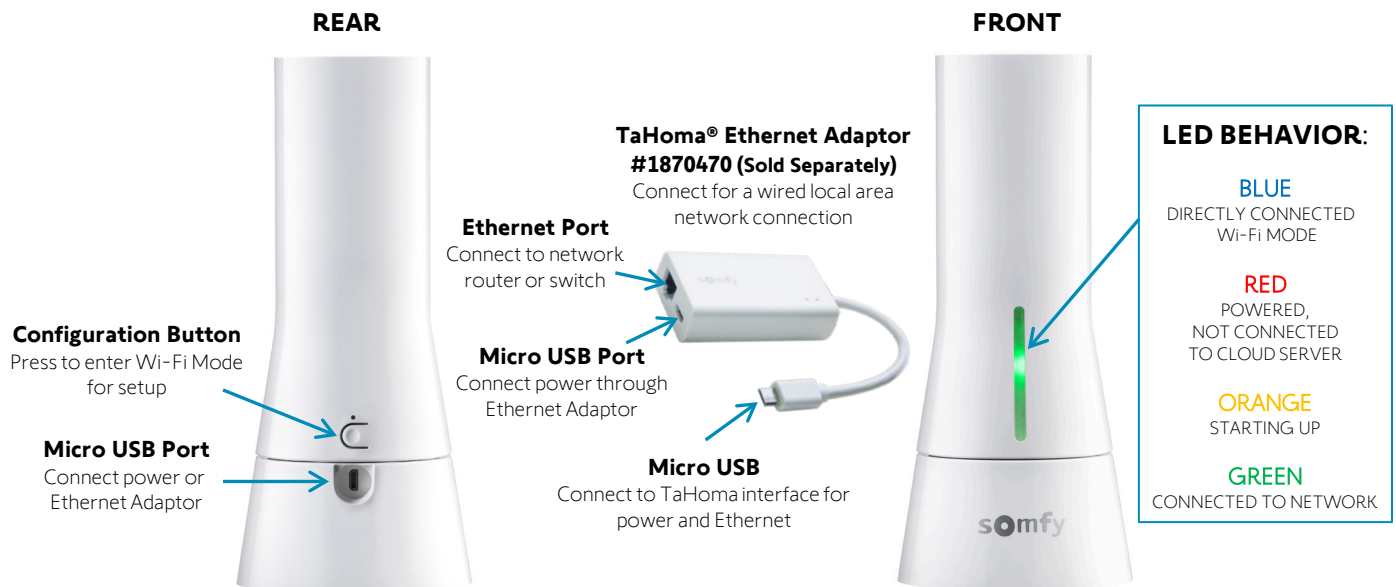
SMART PHONE or TABLET REQUIREMENTS

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

IOS 11.0+

Android 7.0+

CONNECTIONS & INDICATORS

REAR

FRONT

Configuration Button
Press to enter Wi-Fi Mode for setup

Micro USB Port
Connect power or Ethernet Adaptor

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

LED BEHAVIOR:

BLUE
DIRECTLY CONNECTED Wi-Fi MODE

RED
POWERED, NOT CONNECTED TO CLOUD SERVER

ORANGE
STARTING UP

GREEN
CONNECTED TO NETWORK

SYSTEM CONFIGURATION

A fully operational TaHoma system is required prior to Amazon Alexa 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 Amazon account per TaHoma system or project
- Confirm that Amazon Alexa is powered on and connected to a network with internet

From the TaHoma North America App follow the below instruction to enable the "TaHoma North America" skill.

1) SELECT "More" on the bottom right-hand corner

2) SELECT "Third-Party Integration"

3) SELECT "Open the Amazon Alexa App"

Note: Depending on the mobile OS, the appropriate app store will open to download the Alexa App.

Install the app then open Alexa App, then go to the next page ""TaHoma Log in & Device Discovery".

If already installed SELECT Open Alexa app, then go to the next page ""TaHoma Log in & Device Discovery".
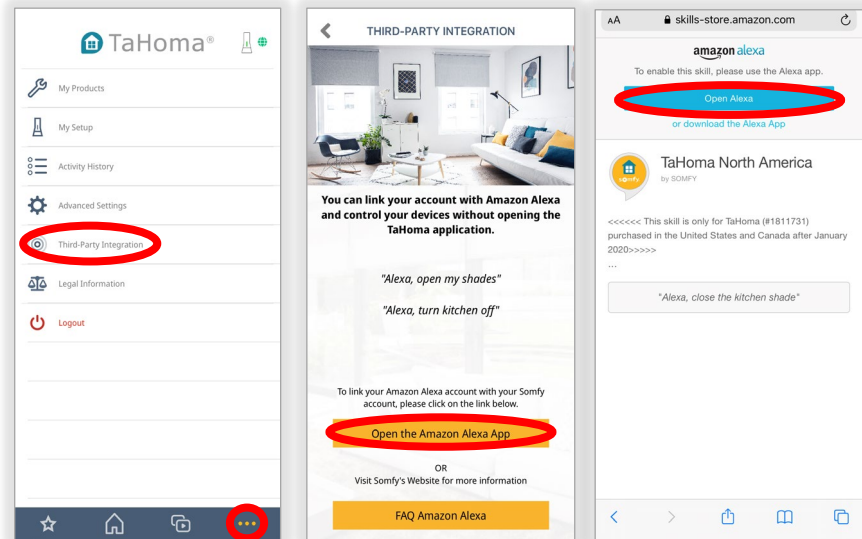
From the Alexa App follow the below instructions to enable the "TaHoma North America" skill. Using this skill enables users to create and execute Routines.

From the Amazon Alexa App, ensure the correct account is enabled prior to using the skill.

When creating and naming groups in Alexa, refrain from using the same name as the shades.

1) SELECT "More" on the bottom right-hand corner

2) From the "More" menu, SELECT "Skills & Games" and search for the "TaHoma North America" skill

3) In the Amazon Alexa search field, TYPE "Somfy" OR "TaHoma" to find all related TaHoma skill for Alexa

4) SELECT "TaHoma North America"

5) SELECT "Enable to Use" then go to the next page "TaHoma Log in & Device Discovery"
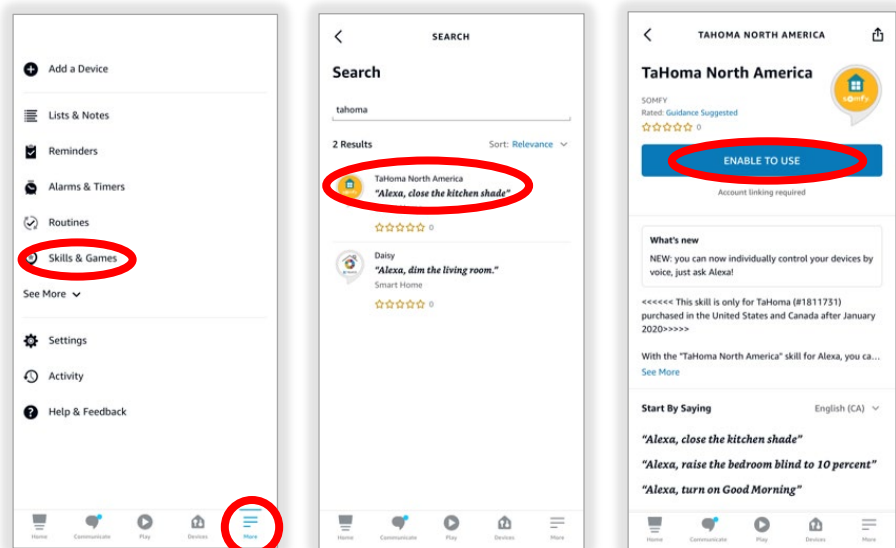
1) Enter the TaHoma Login credentials that was used to Register during TaHoma Programming

2) SELECT "LOGIN"

3) SELECT "YES" to authorize ALEXA to access the Somfy account
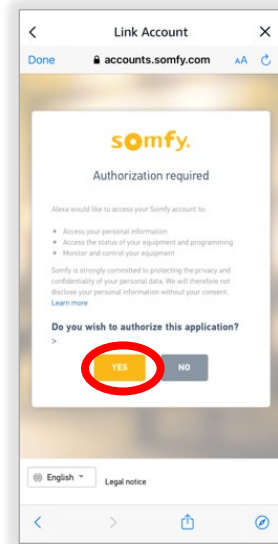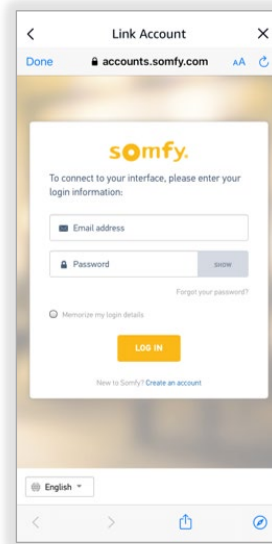
4. Under Account Linking: SELECT "CLOSE"

5. Under Discover Devices: SELECT "DISCOVER DEVICES"

NOTE: After 45 secs, screen will read "No new devices found". At this point click "CLOSE"
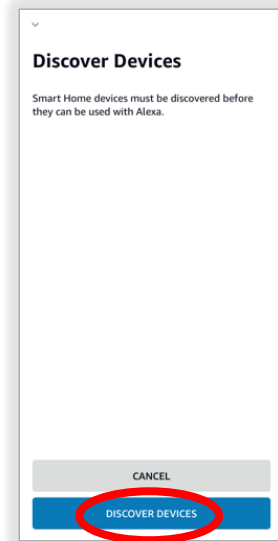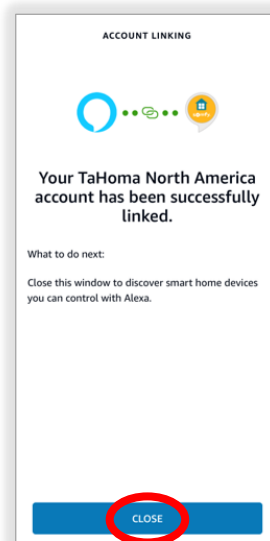
**All RTS shades and scenes paired and created in TaHoma will display in the Alexa App under Devices automatically.**

To disable the TaHoma Skill, refer to DISABLE SKILLS IN ALEXA section of this guide.

Routines are a series of actions from one or more devices using a single voice command, or triggered by time of day, or other device triggers (such as sensors)

Follow the steps below to create the "Alexa, Breakfast time" voice routine:

1) SELECT "More" on the bottom right-hand corner

2) On the "More" menu, SELECT "Routines"

3) SELECT "Create Routine" or the "+" at the top right-hand corner

4) Enter the Routine Name then click next
   Example "Breakfast Shades Up"

5) SELECT "When this happens"
   Example: SELECT "voice", TYPE "breakfast time", then SELECT "next"

6) SELECT "Add action"
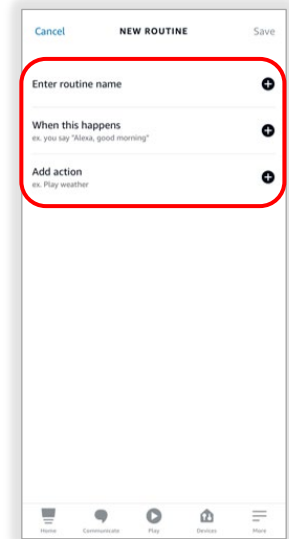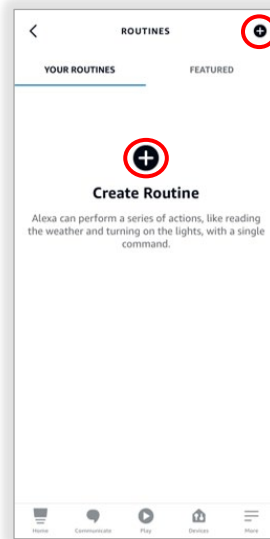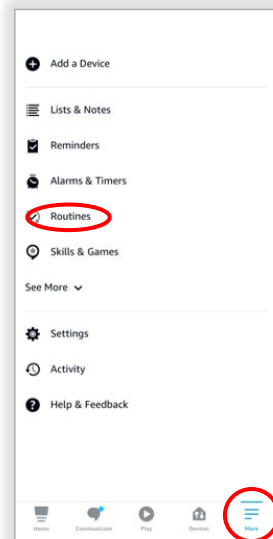
7) Scroll down and SELECT "Smart Home"

   There are two actions to select from:

   "All Devices" allows open or close per motor to be selected

   "Control scene" allows scenes created in TaHoma App to be selected

   Example: SELECT "Control Scene", then SELECT "Good Morning"

8) SELECT "Save" at the top right-hand corner
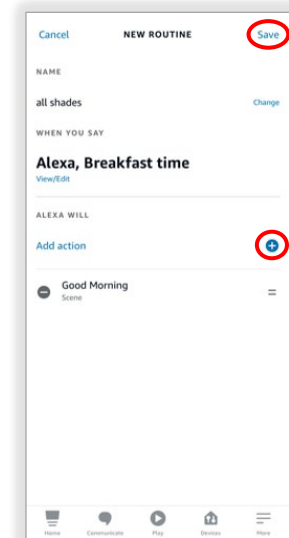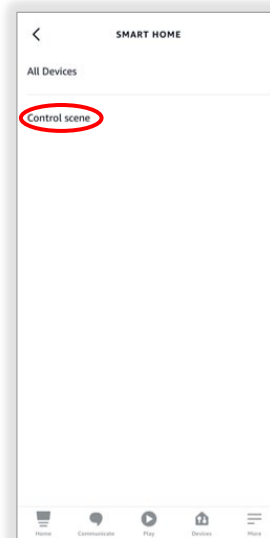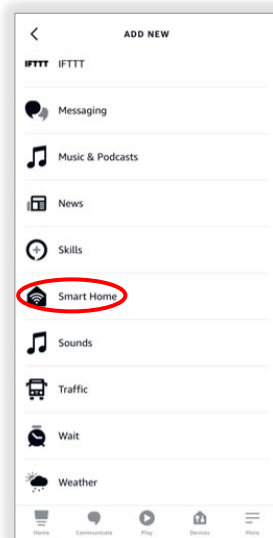
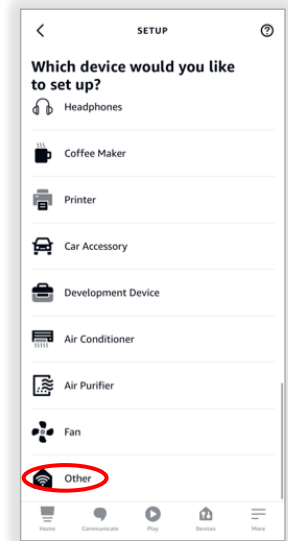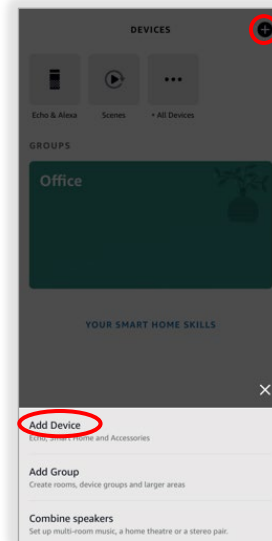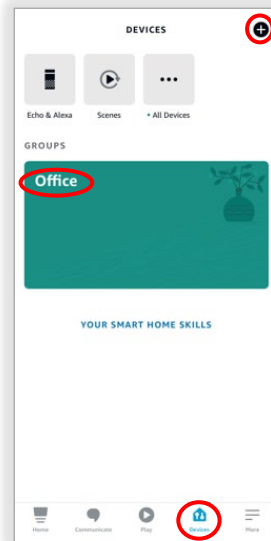**The first Routine is now created for TaHoma.**

Test the routine: "Alexa, Breakfast Time!"

It may take up to 1 minute for voice routines to be ready to use.
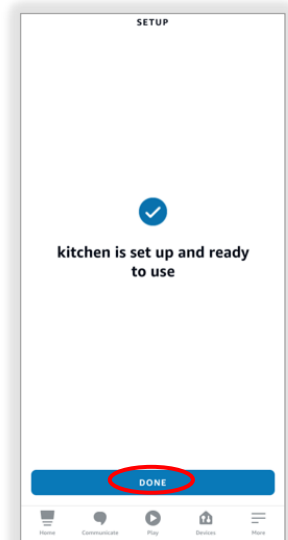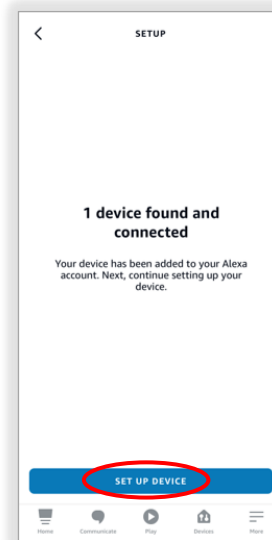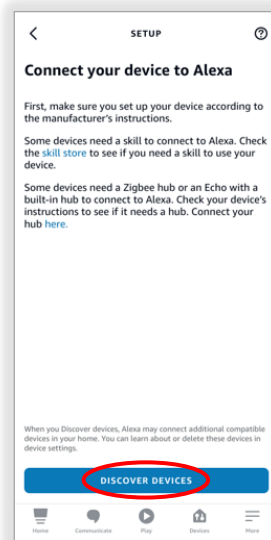
If an RTS shade needs to be added to Alexa, follow the steps below:

1) SELECT "Devices" from the bottom tabs
2) SELECT "+"
3) SELECT "Add Device"
4) (Scroll down) SELECT "Other"

5) SELECT "Discover Devices"
   Alexa will look for devices to connect. (This may take up to 45 Seconds.)
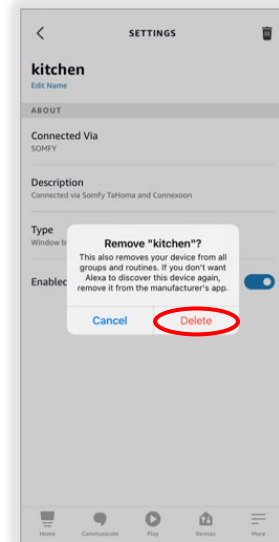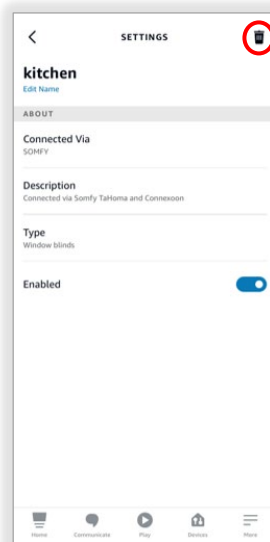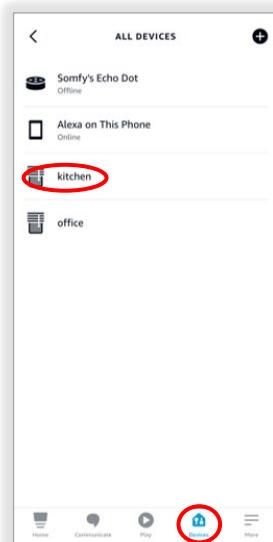6) SELECT "Set Up Device"
7) SELECT "Done"

The RTS devices are now discovered.

If an RTS shade or a scene is no longer required to be triggered by Alexa, follow the steps below:

DELETE AN RTS SHADE -

1) SELECT "Devices" from the bottom tabs
2) SELECT "All Devices"
3) SELECT an RTS Shade
   Example "Kitchen"
4) SELECT the Trash Bin
5) Confirm by selecting "Delete"

DELETE A SCENE -

1) SELECT "Devices" from the bottom tabs
2) SELECT "Scenes"
   Example "Good Morning"
3) SELECT a Scene
4) SELECT the Trash Bin
5) Confirm by selecting "Delete"
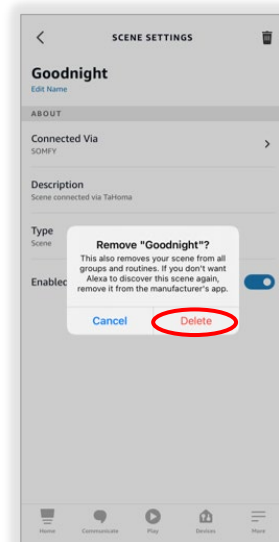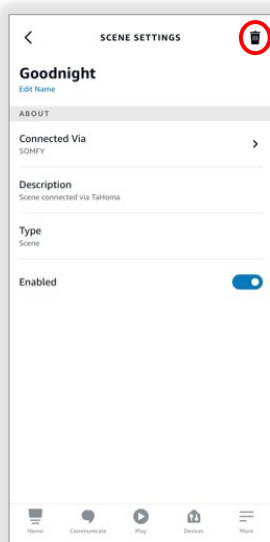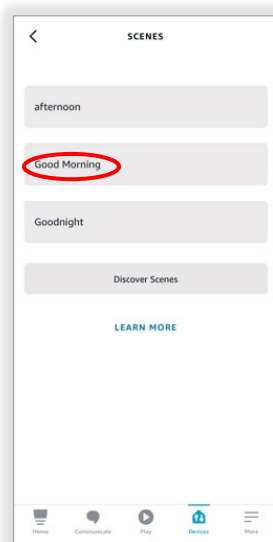
The RTS Shade or Scene is now deleted.

To rediscover the deleted RTS Shade or Scene, go to the next page.

Disabling a skill can be used when Alexa voice activation is no longer required, if new devices added in TaHoma are not being discovered in Alexa, or if a device or scene has been removed in the Alexa app while the Alexa device is powered off.

NOTE: When disabling TaHoma North America Skill, Alexa will no longer recognize any RTS shades, scenes, or routines associated with TaHoma.

1) SELECT "More" on the bottom right-hand corner

2) On the "More" menu, SELECT "Skills & Games" to search for the TaHoma N. America skill

3) SELECT " Your Skills"

4) SELECT "TaHoma North America"

5) SELECT "Disable Skill"
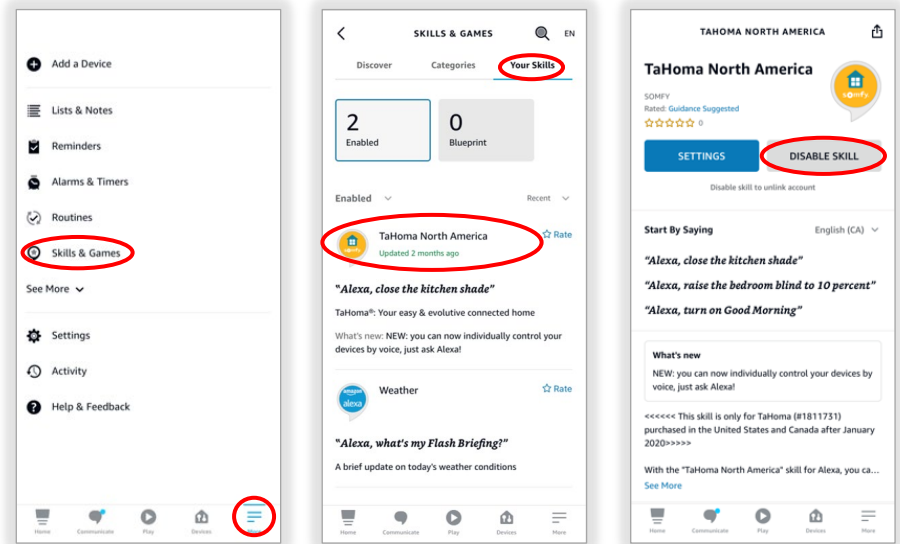
The Skill is now disabled.

APPENDIX

TAHOMA RTS BLIND	
Open/Raise	Moves blind to the fully open position
Close/Lower	Moves blind to the fully closed position

[APPENDIX B] POSSIBLE VOICE COMMANDS

WINDOW COVERINGS (rolling shutters, exterior and interior blinds and screens)	
Open/Raise	"Alexa, open the bedroom blinds" or "Alexa, raise the bedroom blinds"
Close/Lower	"Alexa, close the bedroom blinds" or "Alexa, lower the bedroom blind"

SCENES COMMANDS	
ON	"Alexa, turn on Good Morning" or "Alexa, turn on Everything Up"
Scene names can be found in the TaHoma app. Feel free to create new scenes or to rename existing ones to perfect the experience with Amazon Alexa.	

GROUP COMMANDS	
Open	"Alexa, open Bedroom Group" or "Alexa, open kitchen"
Close	"Alexa, turn on Bedroom Group" or "Alexa, close kitchen"
Groups can be created in the Alexa App. Create one and add the device(s) to it to enjoy group control. More information is available at http://tinyurl.com/alexa-smart-home-groups	

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.

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