



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 Alarm.com® 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 motors using the TaHoma® Smartphone and Tablet Interface as the bridge between Alarm.com 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 TaHoma 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 Alarm.com 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+



works with

ALARM.COM®

III. INSTALLATION

CONNECTIONS & INDICATORS

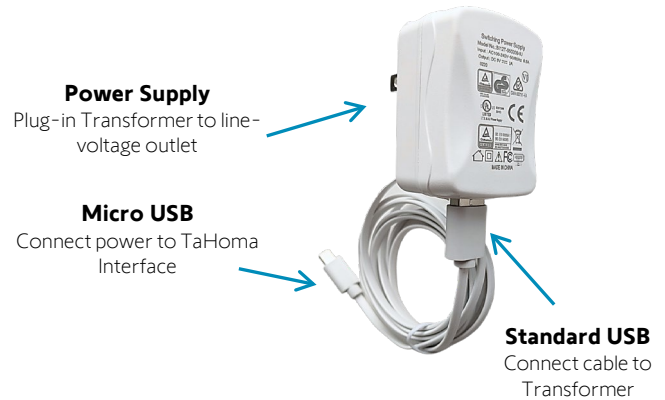
TaHoma® RTS/Zigbee Smartphone and Tablet Interface #1811731 (With base stand included with TaHoma Interface)

REAR

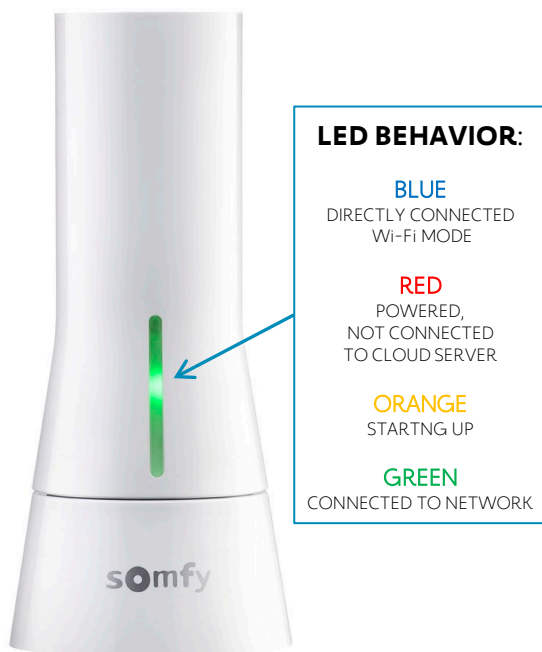


PLUG-IN POWER SUPPLY REQUIRED (Included with TaHoma Interface)

Connect to line-voltage to power TaHoma Interface

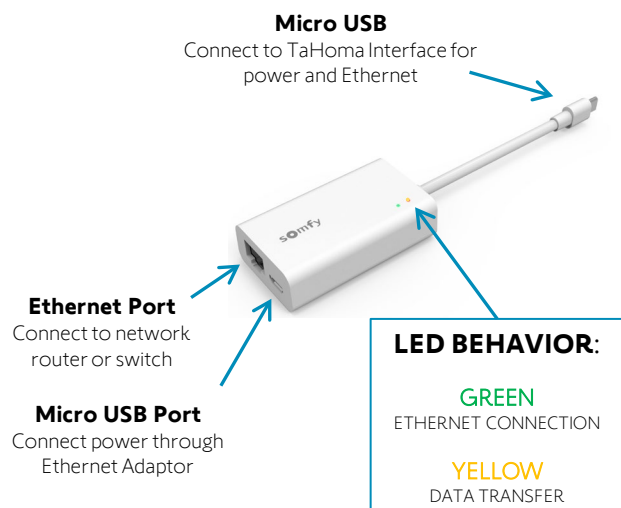


FRONT



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 Alarm.com 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 Alarm.com account per TaHoma system or project

Product Compatibility:

Alarm.com integration doesn't support TaHoma Smart Plugs.

ALARM.COM SYSTEM

A fully operational Alarm.com system is required prior to TaHoma integration.

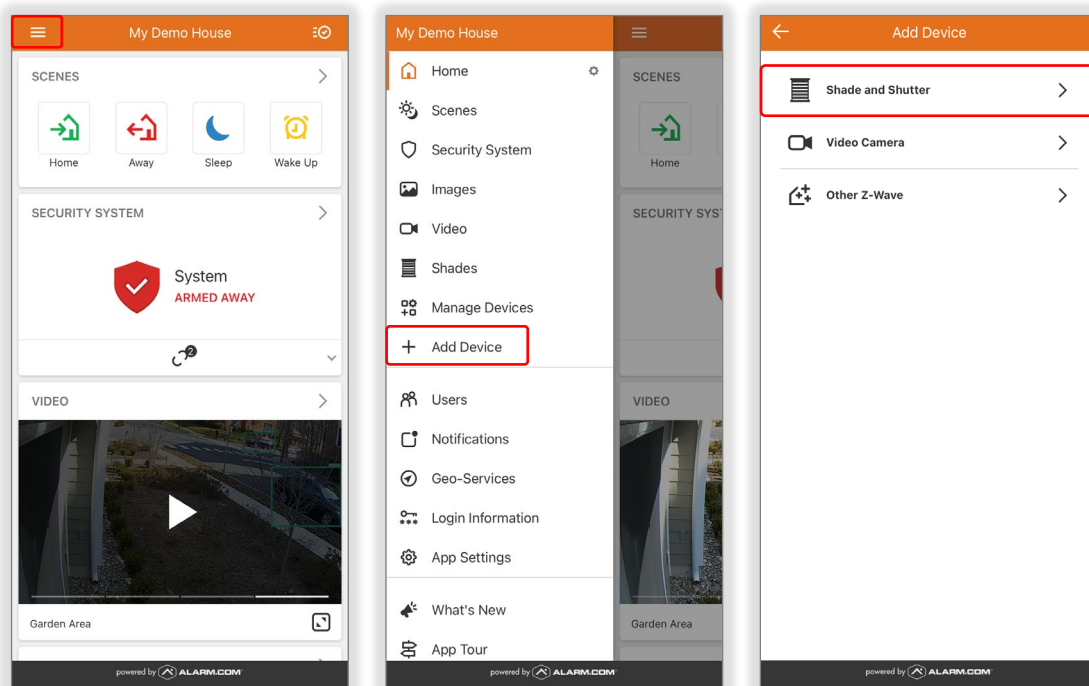
- Confirm that Alarm.com is powered on and connected to a network with internet
 - Confirm Alarm.com IOS/Android application is up to date

V. SET UP

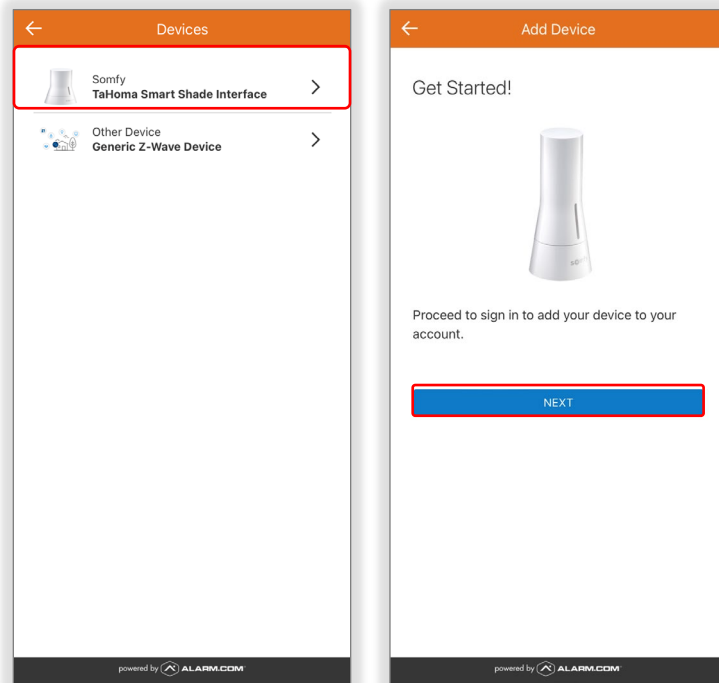
LINK TAHOMA TO ALARM.COM

To enable scenes and motor control from the Alarm.com app, follow the steps below.

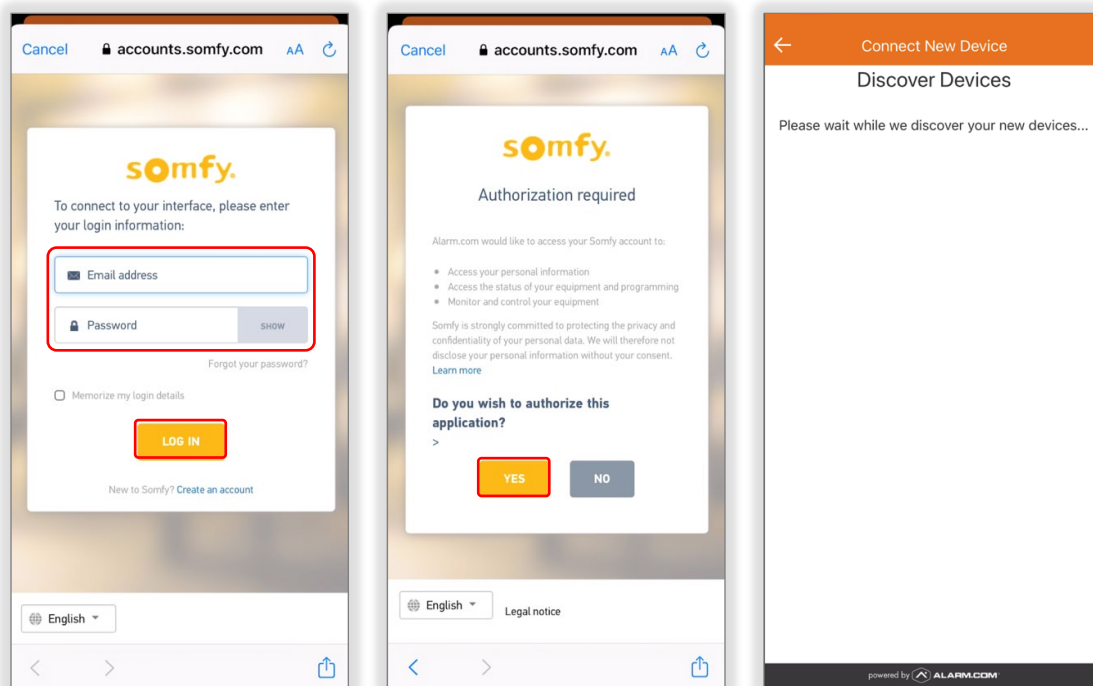
- 1) In the Alarm.com App, SELECT the Menu icon
- 2) SELECT "Add Device"
- 3) SELECT "Shade and Shutter"



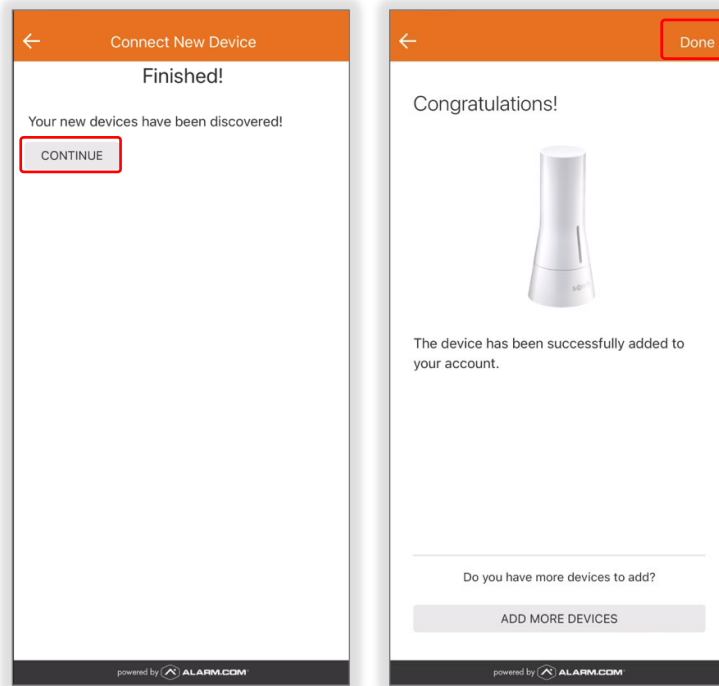
- 4) SELECT "Somfy TaHoma Smart Shade Interface"
- 5) SELECT "NEXT"



- 6) ENTER the TaHoma Login credentials used to register during TaHoma programming
- 7) SELECT "LOG IN"
- 8) SELECT "YES" to authorize Alarm.com access to the Somfy account
Note: please wait while the app discovers the devices



- 9) SELECT "CONTINUE"
- 10) SELECT "Done"



CONTROL TAHOMA DEVICES

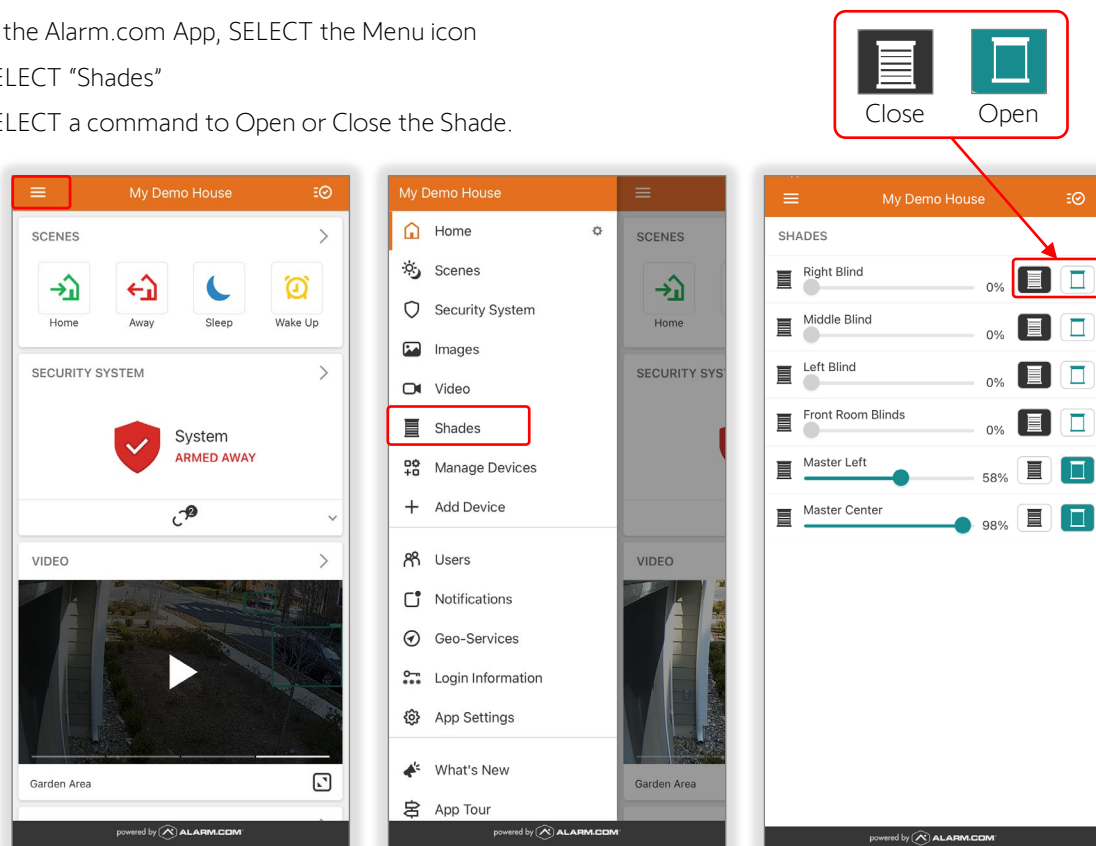
To Open or Close Zigbee or RTS shades , follow the steps below.

Use the slider to set to a percentage position (Zigbee only).

This integration does not support a Stop command or a MY position command for Zigbee or RTS motors.

NOTE: Alarm.com integration doesn't support TaHoma Smart Plugs.

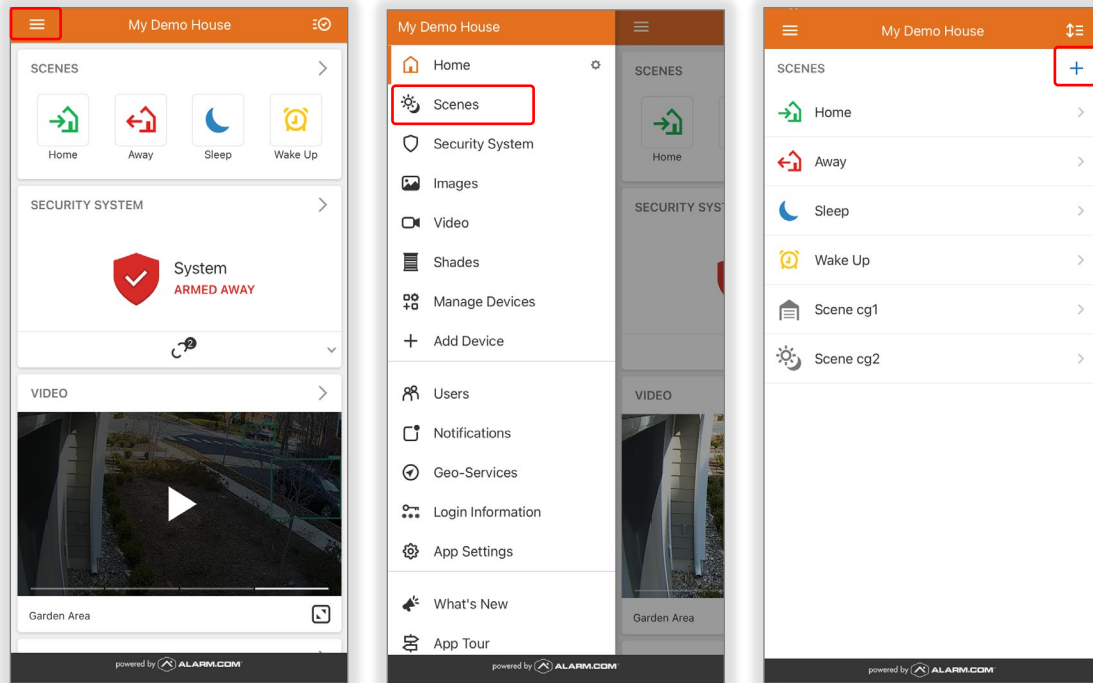
- 1) In the Alarm.com App, SELECT the Menu icon
- 2) SELECT "Shades"
- 3) SELECT a command to Open or Close the Shade.



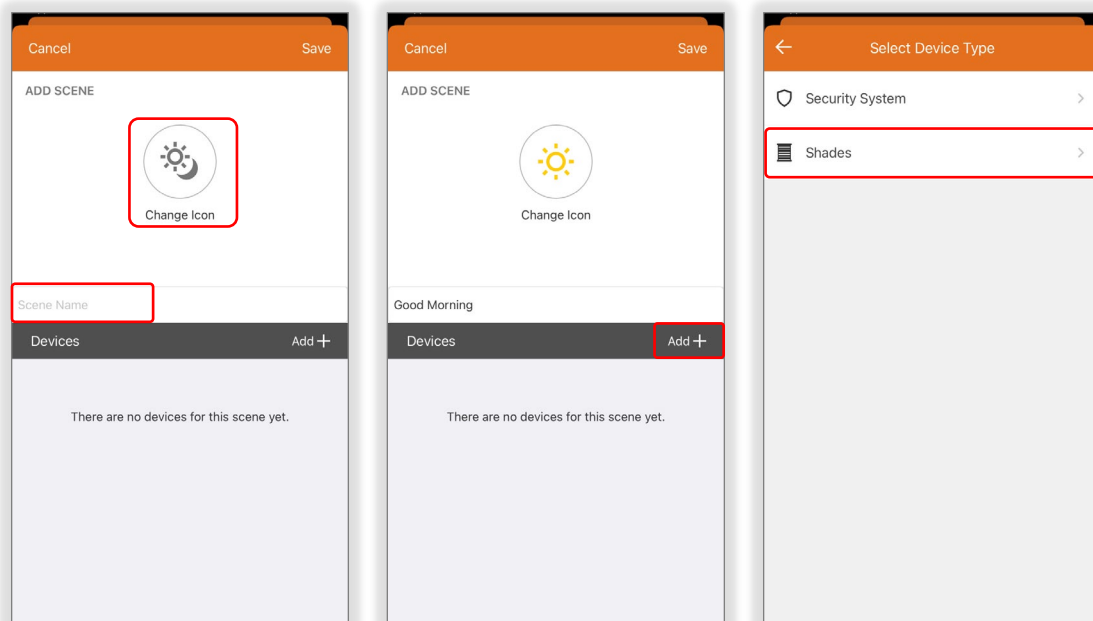
CREATE SCENES

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

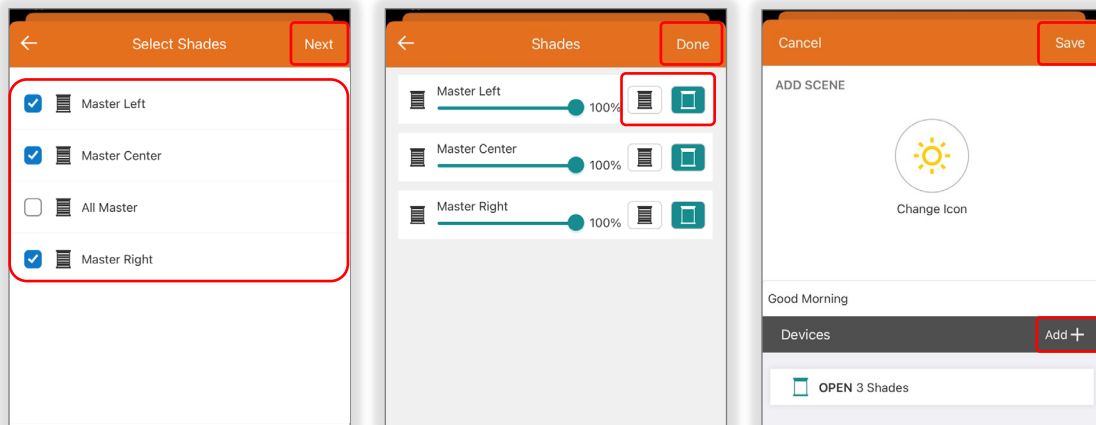
- 1) In the Alarm.com App, SELECT the Menu icon
- 2) SELECT "Scenes"
- 3) SELECT "+"



- 4) SELECT "Change Icon" to change the scene's icon
- 5) ENTER a name for the scene
Example: Good Morning
- 6) SELECT "Add +" to add devices to the scene
- 7) SELECT "Shades"



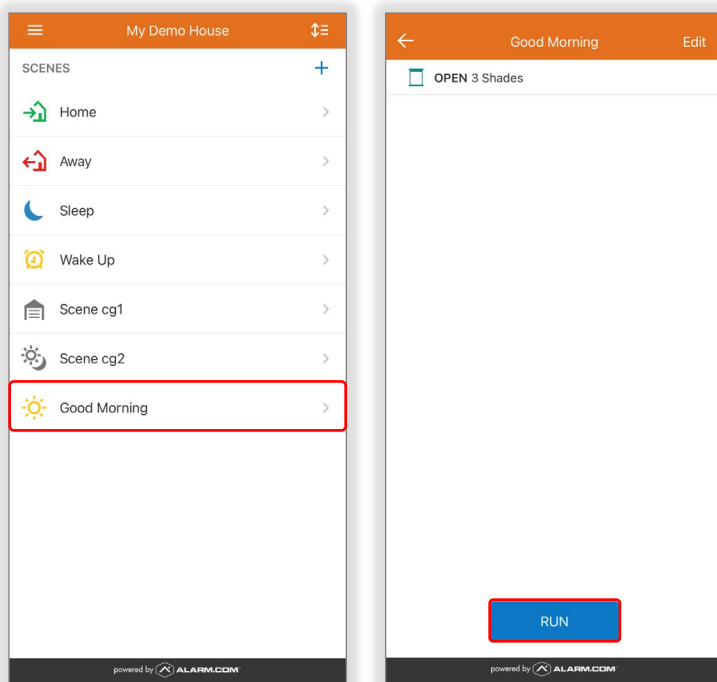
- 8) SELECT the Zigbee shades
- 9) SELECT "Next"
- 10) SELECT the desired command - [see Appendix A](#) for available commands
- 11) SELECT "Done"
- 12) SELECT "Add +" to add more devices to the scene
- 13) SELECT "Save" When complete



TEST SCENES

To test scenes, follow the steps below.

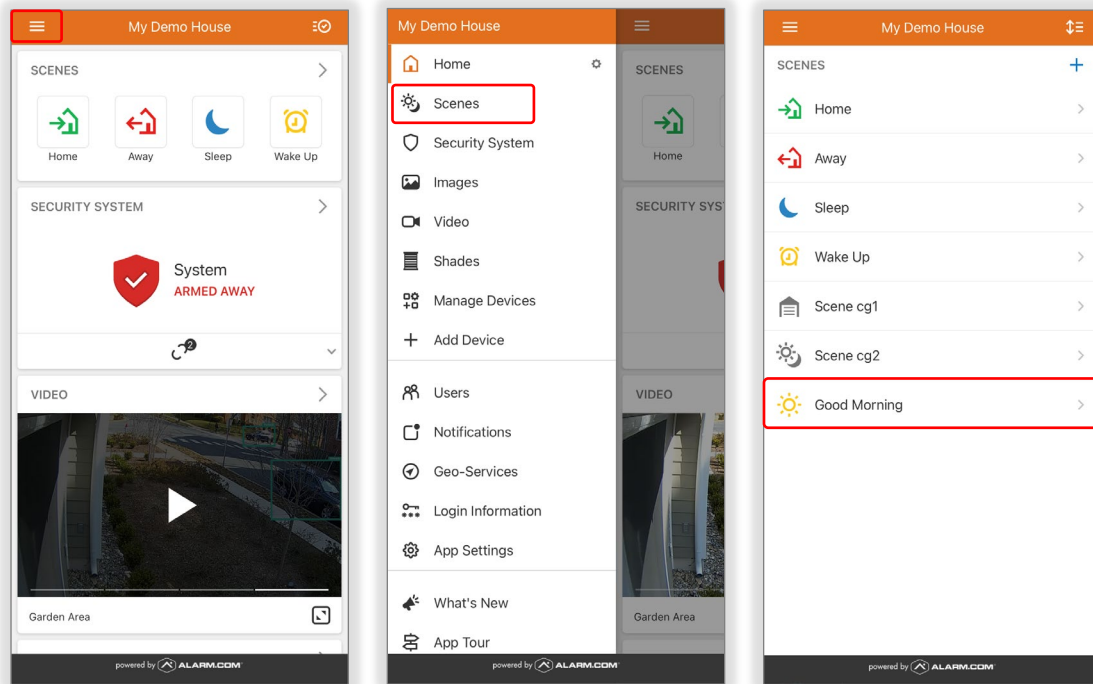
- 1) SELECT a scene from the Scenes list
Example: "Good Morning"
- 2) SELECT "RUN" to test the scene



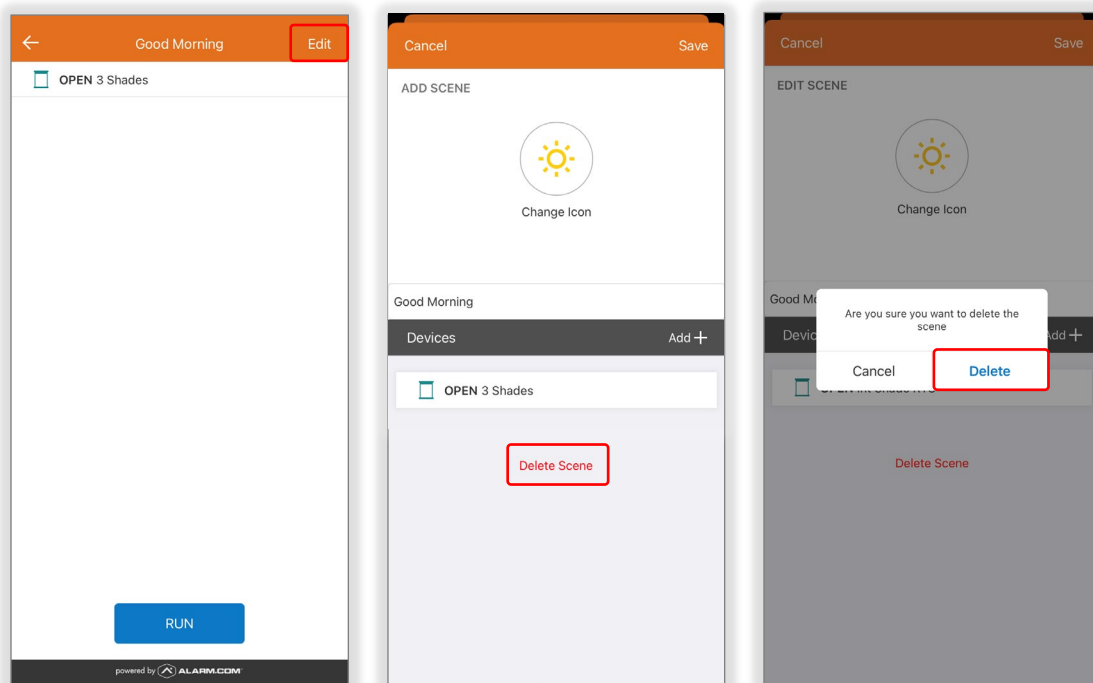
EDIT OR DELETE SCENES

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

- 1) SELECT the Menu icon
- 2) SELECT "Scenes"
- 3) SELECT the Scene to edit or delete



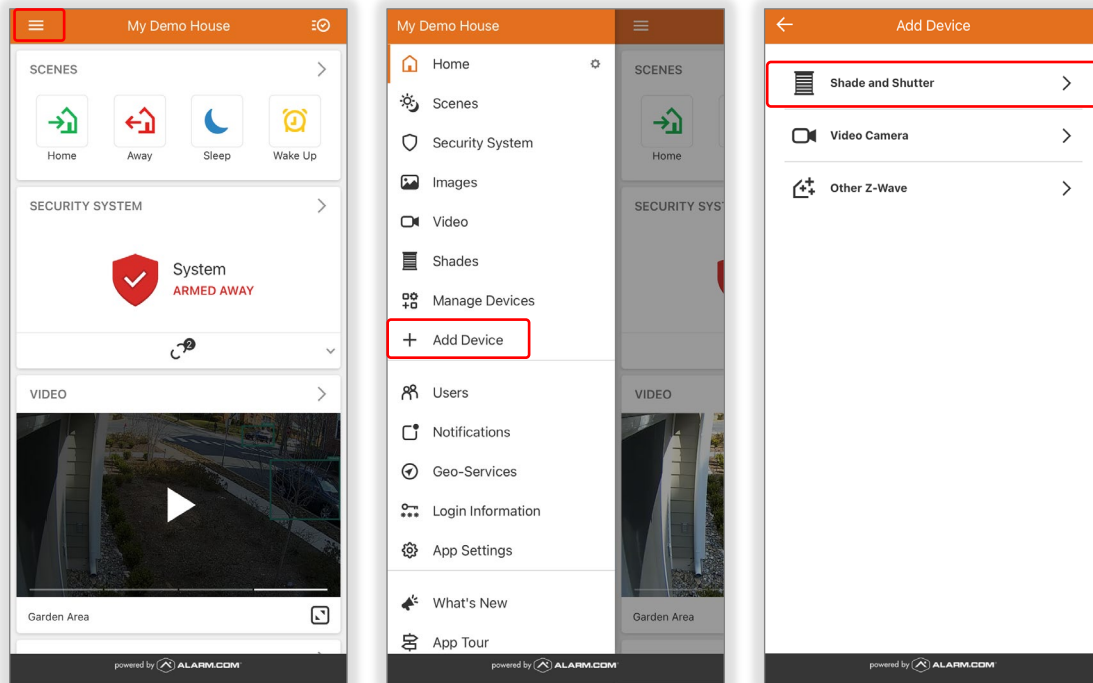
- 4) SELECT "Edit" and refer to Create Scene steps 4-10 to perform edits
- 5) SELECT "Delete Scene" to delete the scene
- 6) SELECT "Delete" to confirm deletion



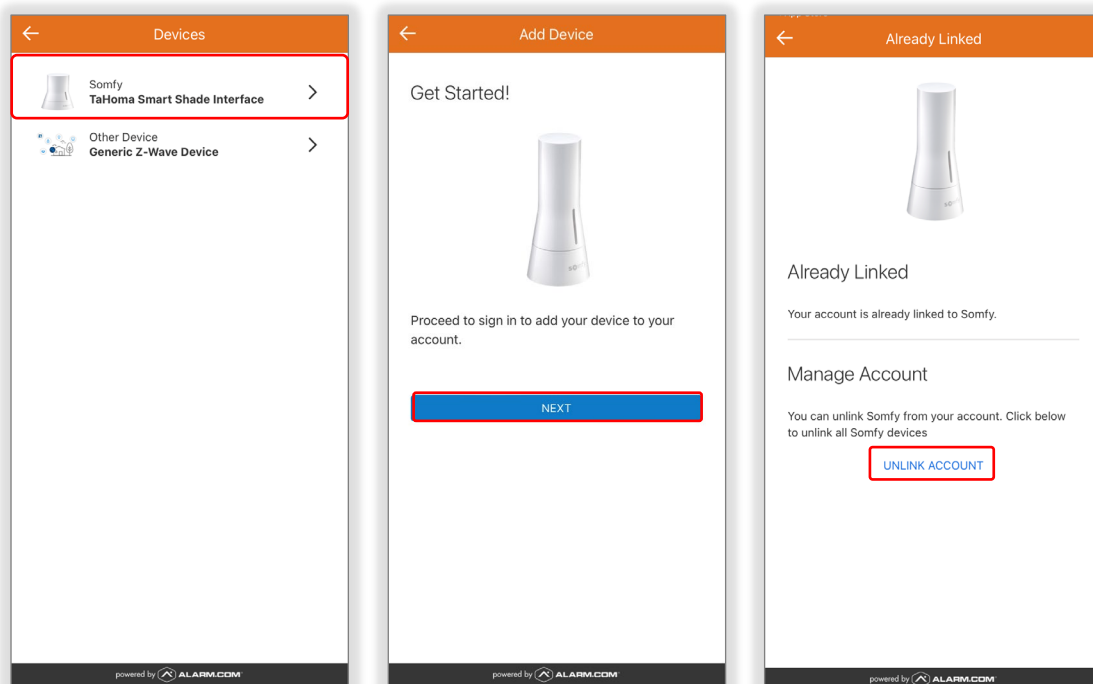
UNLINK TAHOMA FROM ALARM.COM

*If Alarm.com integration is no longer required, follow the steps below.
Unlinking TaHoma from Alarm.com will remove all devices. Devices that were part of Scenes will also be removed.
If relinking TaHoma, devices will need to be added back into the Scenes.*

- 1) SELECT the Menu icon
- 2) SELECT "Add Device"
- 3) SELECT "Shade and Shutter"



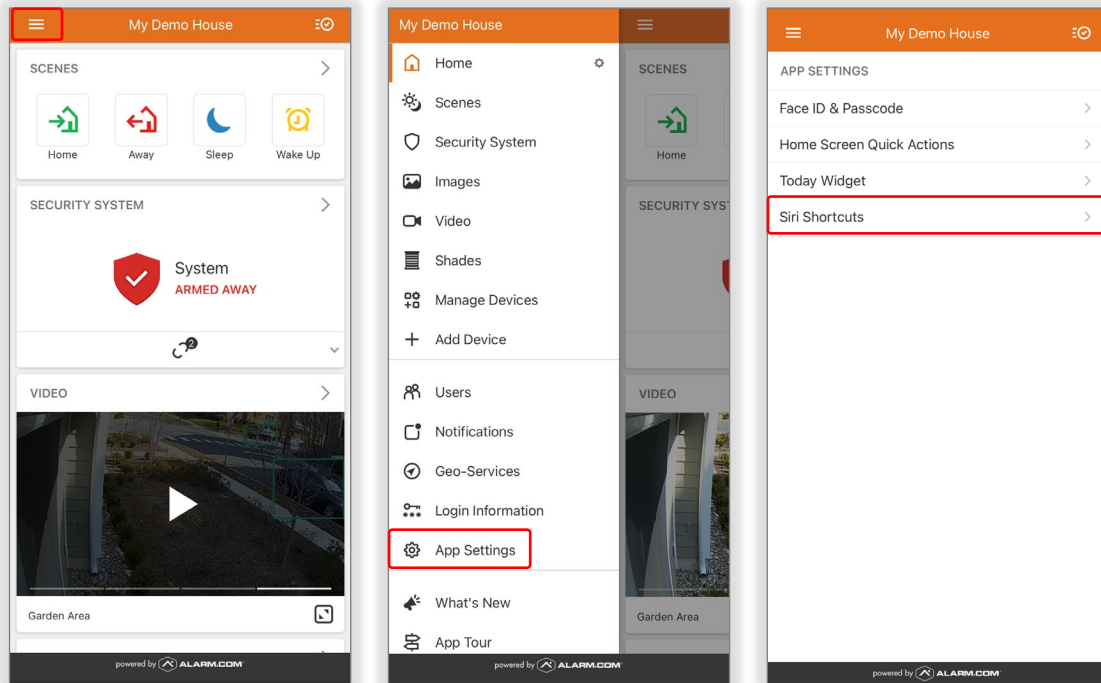
- 4) SELECT "Somfy TaHoma Smart Shade Interface"
- 5) SELECT "NEXT"
- 6) SELECT "UNLINK ACCOUNT"



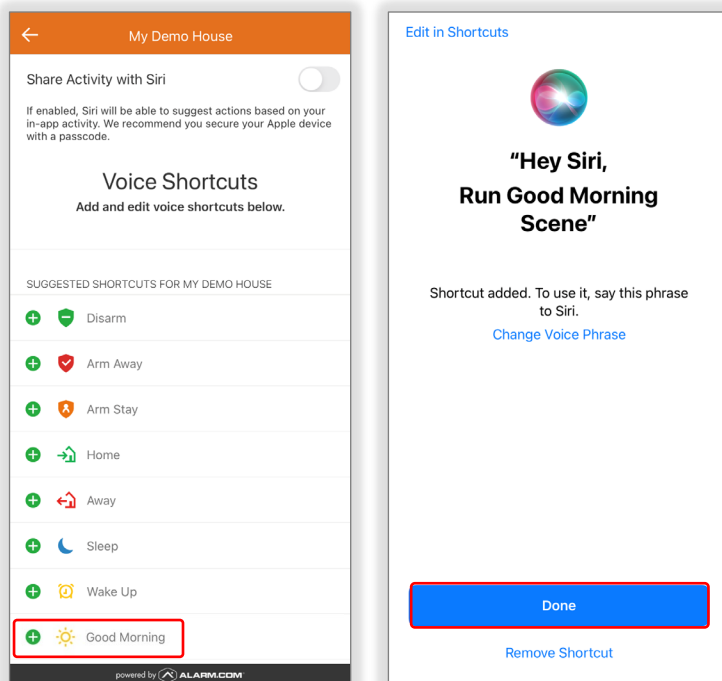
ADD IOS WIDGET

To add a Shortcut Widget for an Alarm.com Scene in an IOS device, follow the steps below.
Shortcut Widget for IOS devices can be accessed in the "Today View." The Shortcut Widget can be pressed to trigger a scene.

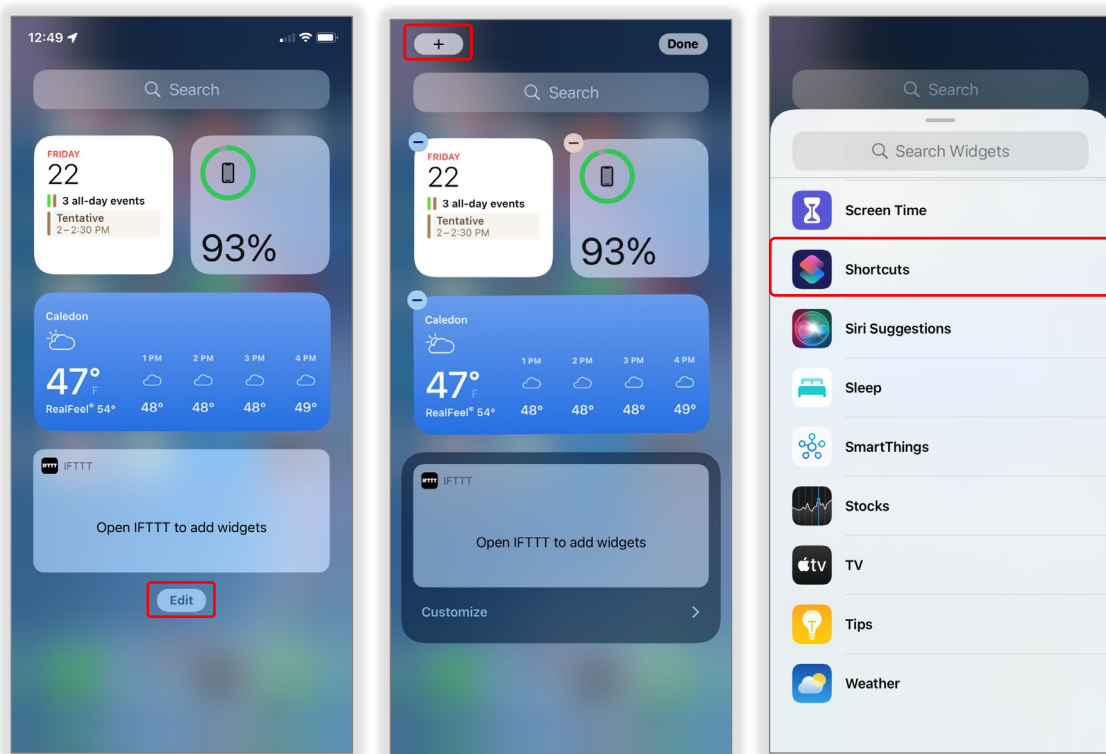
- 1) SELECT the Menu icon
- 2) SELECT "App Settings"
- 3) SELECT "Siri Shortcuts"



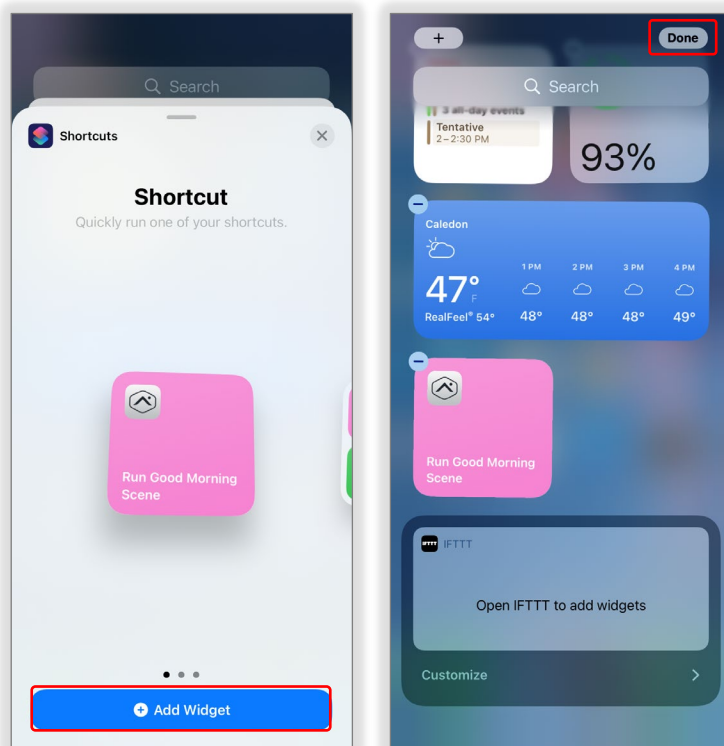
- 4) SELECT "+" next to the scene to create a Shortcut
- 5) SELECT "Done"



- 6) NAVIGATE to "Today View" on the IOS device, SWIPE right from the left edge of the Home Screen or Lock Screen
- 7) SELECT "Edit"
- 8) SELECT "+"
- 9) SELECT "Shortcuts"



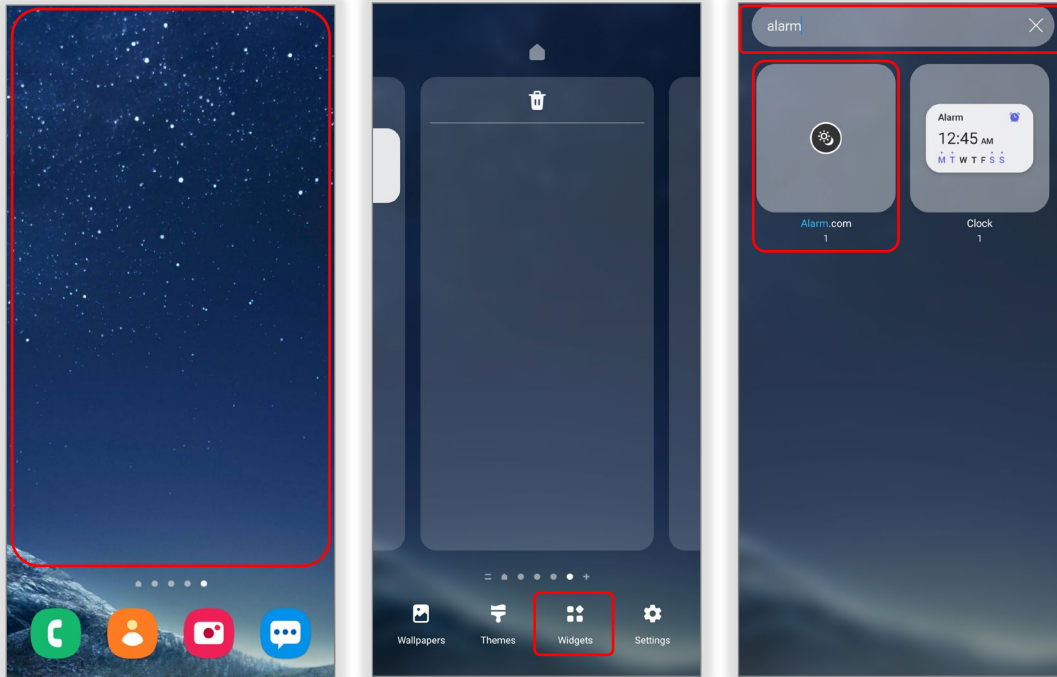
- 10) SELECT "Add Widget"
Example: "Run Good Morning Scene"
- 11) SELECT "Done"



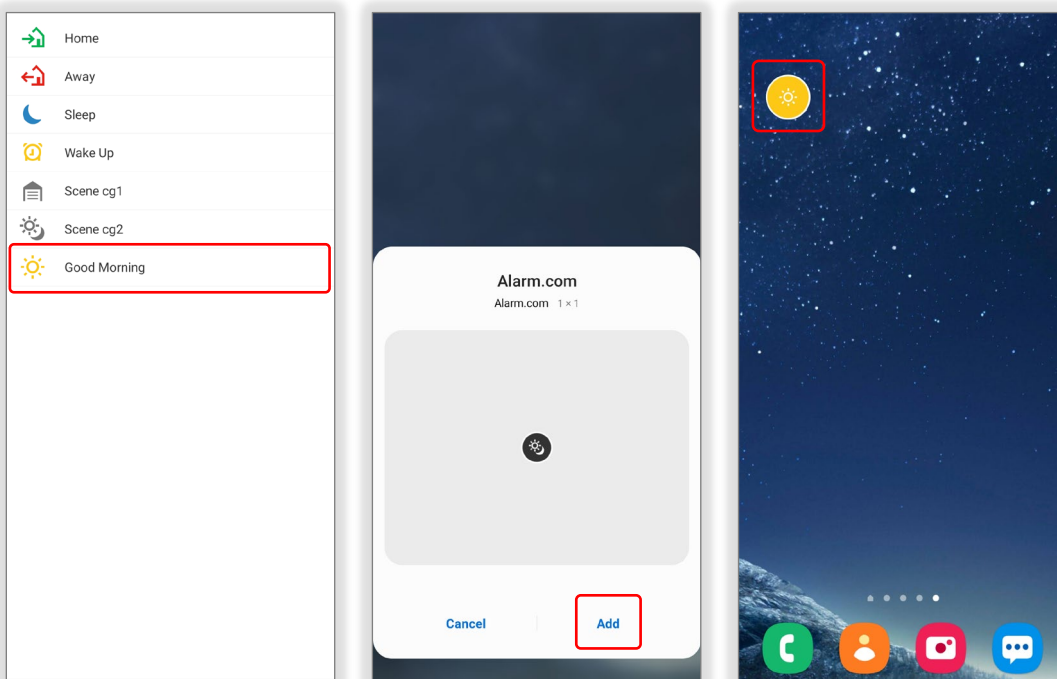
ADD ANDROID WIDGET

To add an Alarm.com Widget in Android, follow the steps below.
Alarm.com Widget can be added on an Android device home screen as a quick way to trigger scenes.

- 1) On the Home screen, PRESS & HOLD on an empty space
- 2) SELECT "Widgets"
- 3) ENTER "Alarm.com" into the Search field



- 4) SELECT the Scene
Example: "Good Morning"
- 5) SELECT "Add"
- 6) DRAG-AND-DROP the widget to the Home screen
- 7) SELECT the Widget to run the Scene



APPENDIX

[APPENDIX A] AVAILABLE COMMANDS & ACTIONS



TAHOMA ZIGBEE COMMANDS	
Open	Moves blind to the fully open position
Close	Moves blind to the fully closed position
Percent Slider	Moves blind to a percentage position (0-100%)



TAHOMA RTS COMMANDS	
Open	Moves blind to the fully open position
Close	Moves blind to the fully closed position

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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