INTEGRATION GUIDE

CLARE™ INTEGRATION for TAHOMA® SWITCH



INTEGRATION GUIDE

CLARE™ INTEGRATION for TAHOMA®

VERSION 1.0 | MAY 2025

TABLE OF CONTENTS

I. INTRODUCTION ---------- 3

II. OVERVIEW ---------- 4

RESOURCES & APPLICATIONS

SYSTEM REQUIREMENTS

III. INSTALLATION ---------- 5

BUTTONS & INDICATORS

IV. SYSTEM PREPARATION ---------- 7

SOMFY SYSTEM

CLARE SYSTEM

V. SETUP ---------- 7

ENABLE THIRD-PARTY INTEGRATION

ADD DEVICES

CREATE ACTIONS

TEST OPERATION

APPENDIX ---------- 13

AVAILABLE COMMANDS & ACTIONS

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 Clare™ Integrators for achieving complete automation of Zigbee® and Radio Technology Somfy® (RTS) motors with the TaHoma® switch.

What does this Guide contain?

The sections of this guide contain walkthroughs and methods of controlling Zigbee and RTS devices using the TaHoma® switch as the bridge between Clare Controls and Smart Shading by Somfy.

For questions or assistance please contact technical support:
(800) 22-SOMFY (76639)
Get answers to your questions from our Somfy FAQ page: www.somfysystems.com/en-us/support/faq
Follow the steps to access Service & Support.

How should this Guide be used?

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

II. OVERVIEW

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

- The TaHoma system supports up to 60 Zigbee motors (max. 50 WireFree), 10 smart plugs, 15 remotes, and 40 channels of RTS
- Join up to 10 TaHoma switch hubs for multi-zone control (RTS only)
- The TaHoma system supports a maximum of 40 scenes with schedules per install

Each TaHoma switch 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 pro Dealer Version Programming Guide.

RESOURCES & APPLICATIONS

Visit www.somfypro.com for the following guides:

- Somfy TaHoma pro Dealer Version 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 TaHoma by Somfy app:

SCAN ME

SYSTEM REQUIREMENTS

ClareHome version 9.0.4 or higher

ClareHome App version 7.7.5 or higher

III. INSTALLATION

BUTTONS & INDICATORS

TaHoma® switch #1871037
TaHoma® switch (with Ethernet Adaptor) #1871038

TOP LED BEHAVIOR

BLUE
WI-FI SETTING PROCESS

WHITE
WI-FI SEARCH – 2 TIMES
WI-FI LOST – 1 TIME

RED
SCENE STOPPED - SOLID
CONNECTION OUTAGE - BLINKING

OFF
STANDING BY

AMBER
RESTARTING

GREEN
TAHOMA PRO MODE

Scene 1 Button
Control customized scene 1

Stop Button
Stop scene underway

Scene 2 Button
Control customized scene 2



BOTTOM LED BEHAVIOR

WHITE
POWERED,
CONNECTED TO CLOUD SERVER – SOLID
(CAN BE DEACTIVATED)

RED
POWERED,
NOT CONNECTED TO CLOUD SERVER - SOLID

OFF
NOT POWERED

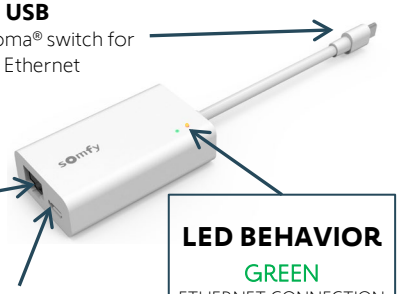
Micro USB Port
Connect power or Ethernet Adaptor



Reset Button
PRESS & HOLD to reset TaHoma switch

TaHoma® Ethernet Adaptor #9028054
(Sold Separately or included with #1871038)
Connect for a wired local area network connection

Micro USB
Connect to TaHoma® switch for power and Ethernet



Ethernet Port
Connect to network router or switch

Micro USB Port
Connect power through Ethernet Adaptor

LED BEHAVIOR

GREEN
ETHERNET CONNECTION

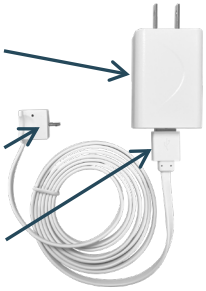
AMBER
DATA TRANSFER

Plug-in Power Supply Required
(Included with TaHoma® switch)
Connect to line-voltage to power TaHoma switch

Power Supply
Plug-in Transformer to line-voltage outlet

Micro USB
Connect power to TaHoma switch

Standard USB
Connect cable to Transformer



Ysia 1 & 5 Zigbee Remotes
Ensure the remote is powered.
Pressing any button will illuminate the LED(s).
Status LED will blink RED if the battery level is not sufficient for programming.
NOTE: Check the charge of the batteries in the remote

Ysia 1 Zigbee #1871153
Ysia 5 Zigbee #1871154

Status LED Indicator
Commands and Zigbee network activity

UP Button

MY/STOP Button

DOWN Button

Channel LED Indicator
Show channel selected

Channel Selection Button
To select channel

Programming Button
To pair and reset products

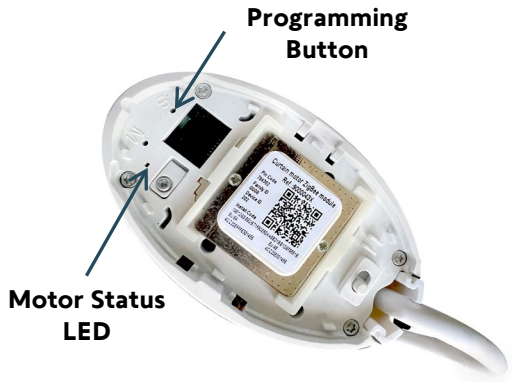


BUTTONS & INDICATORS

WAKING THE MOTOR:

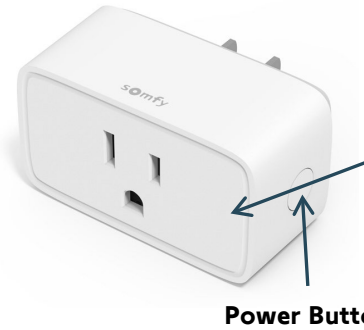
Ensure the motor has required power available.
Using a small paper clip or similar, BRIEFLY PRESS the Programming Button on the head of the motor
OR
PLUG IN the battery supply/charger.
The motor will jog (briefly move up and down), and the LED will illuminate GREEN for 2 seconds.
The LED will blink AMBER continuously during programming.

DRAPERY MOTOR



Smart Plug Zigbee #1871217

Ensure the Smart Plug is plugged into a properly powered outlet.
QR Code and power button are on opposite sides of the plug.



LED BEHAVIOR

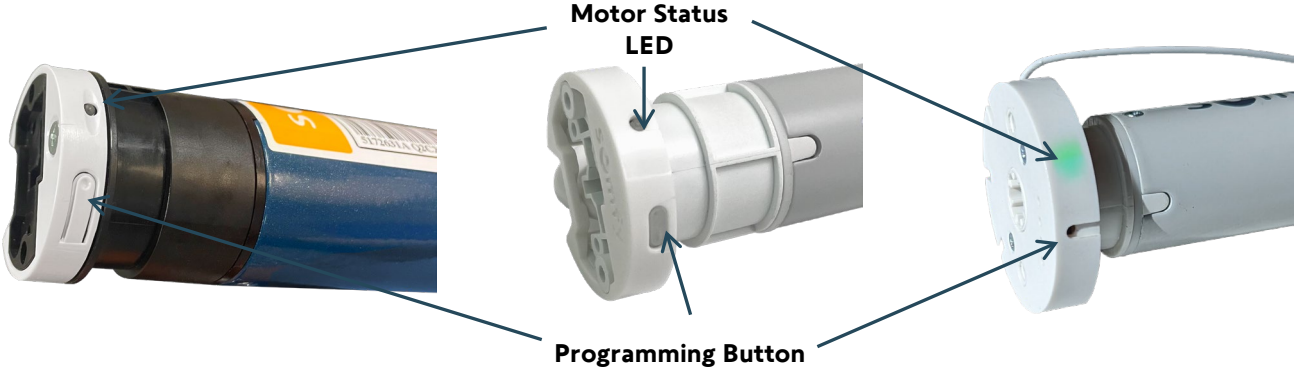
RED
SOLID 3s– NOT CONNECTED
POWERED – OUTPUT OFF

AMBER / GREEN
FLASHING – PAIRING MODE

GREEN
SOLID 3s – CONNECTED
POWERED – OUTPUT ON

OFF
NOT PAIRED
NOT POWERED

ROLLER MOTORS



Sonesse® 40 120V AC Zigbee shown above

Sonesse® 30 24V DC Zigbee shown above

Sonesse® 30 ULTRA WireFree Li-Ion Zigbee shown above (Same for Sonesse® WireFree™ motors)

MOTOR STATUS LED BEHAVIOR

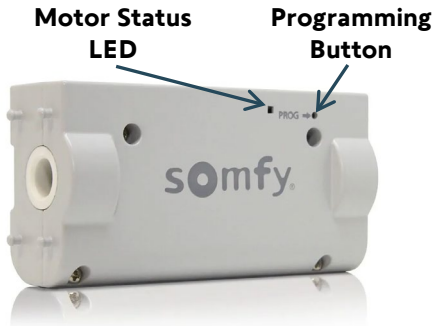
AMBER
MOTOR IS NOT SET
IN SETTING MODE
IN ADJUSTMENT MODE

GREEN
MOTOR IS CHARGING
CONFIRMED SETTING

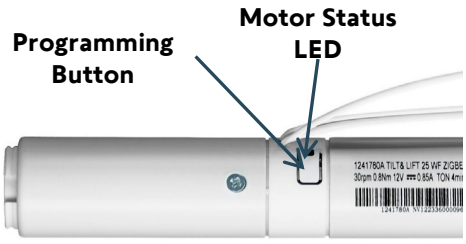
RED
LOW BATTERY CHARGE
THERMAL PROTECTION
IMPOSSIBLE SETTING

NOT ILLUMINATED ONCE
PAIRED AND OPERATIONAL

TILT MOTOR



CORD LIFT MOTOR



IV. SYSTEM PREPARATION

SOMFY SYSTEM

A fully operational TaHoma system is required prior to Clare programming. The TaHoma system supports up to 60 Zigbee motors (max. 50 WireFree), 10 smart plugs, 15 remotes, and 40 channels of RTS. RTS devices programmed to an RTS channel will only receive commands from the associated TaHoma switch hub. Hubs must be placed within 25-35' of the devices they control.

- Confirm with the Shade Commissioning Agent that the TaHoma switch firmware is up to date
- An Integration Report is generated in the TaHoma app which will include the TaHoma switch PIN and IP address
- Ensure that a DHCP Reservation via MAC Address of the TaHoma switch is being used
- Third-Party Integration must first be enabled in the TaHoma by Somfy app

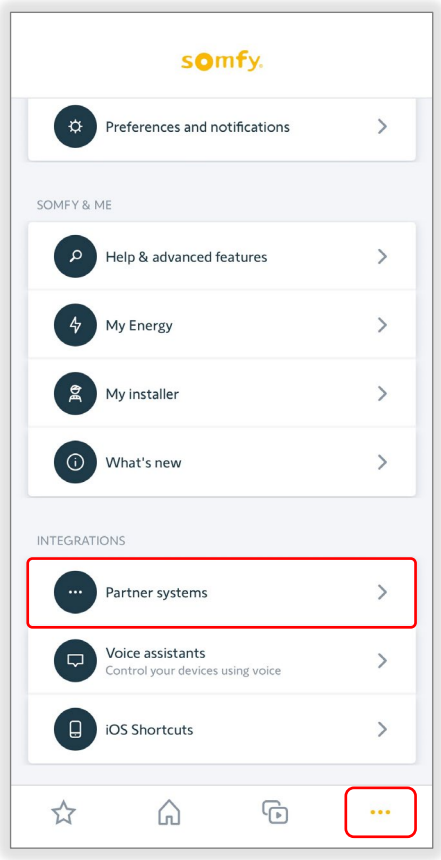
CLARE SYSTEM

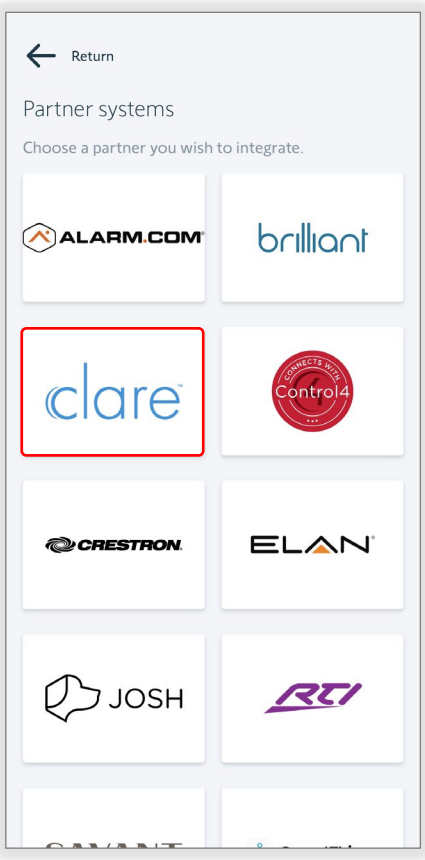
A fully operational Clare Controls system is required prior to TaHoma integration.

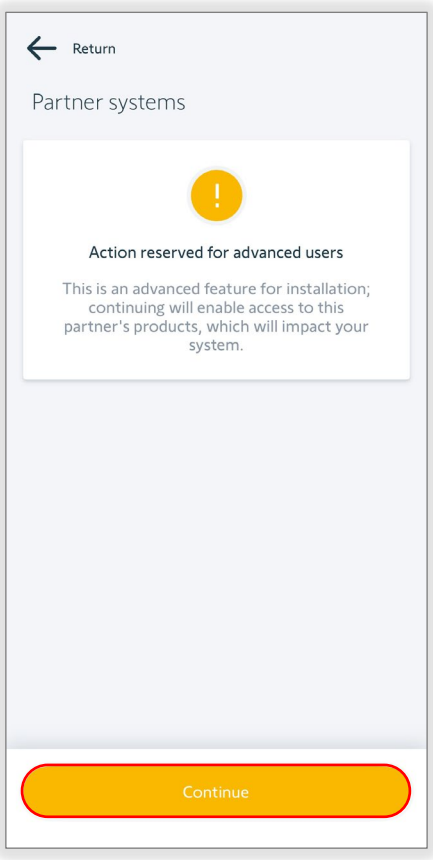
V. SETUP

ENABLE THIRD-PARTY INTEGRATION

1) OPEN the TaHoma by Somfy app
2) SELECT the "Menu" icon in the bottom bar
3) SELECT "Partner systems"
4) SELECT "clare"
5) SELECT "Continue"
   The Integration Report will display all connected products.



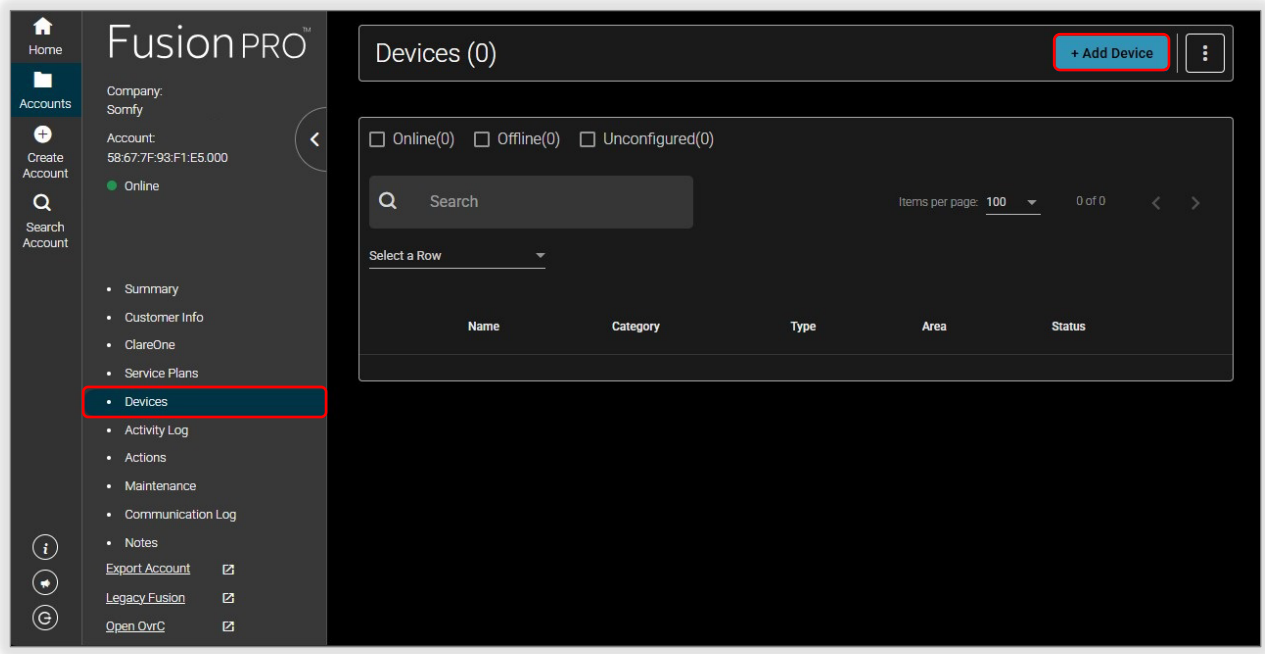




ADD DEVICES

Third-Party Integration must first be enabled in the TaHoma app.
For multiple TaHoma installations on the same network, each TaHoma will require Third-Party Integration to be enabled.

1) In FusionPro, SELECT "Devices"
2) SELECT "+ Add Device"



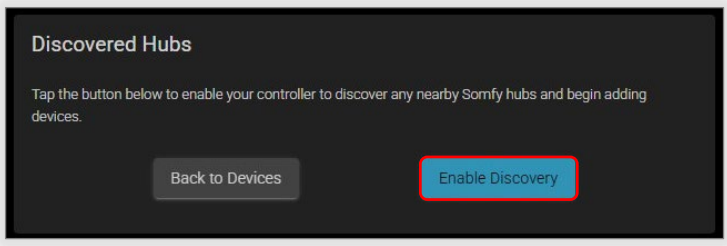
3) SELECT "Shades"



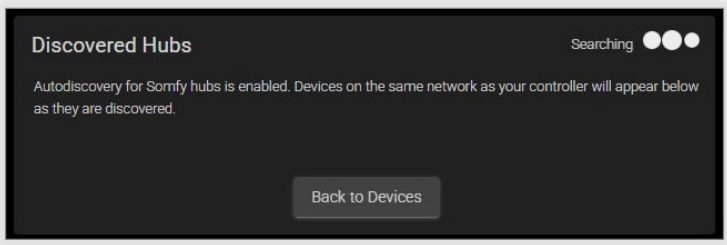
4) SELECT "Somfy - TaHoma"



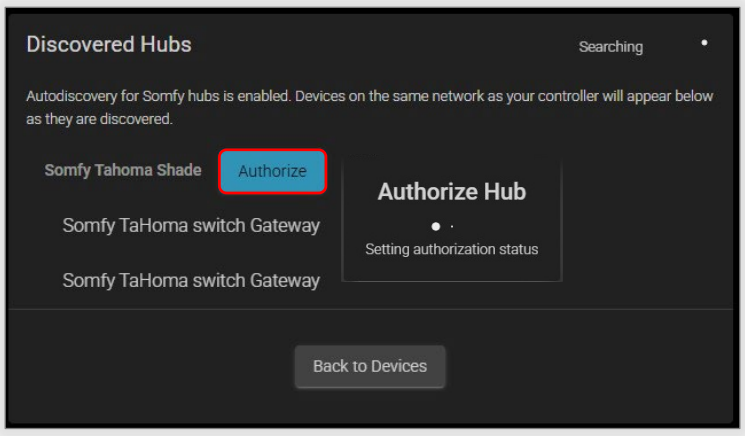
5) SELECT "Enable Discovery"



Allow the discovery to search for all TaHoma hubs on the same network as the Clare controller.

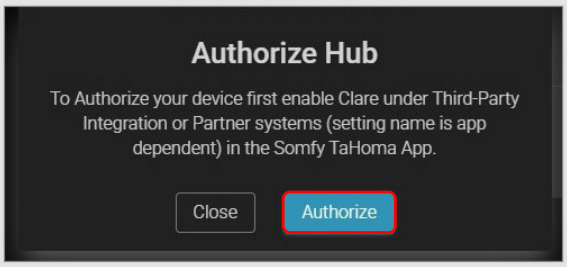


6) SELECT "Authorize"

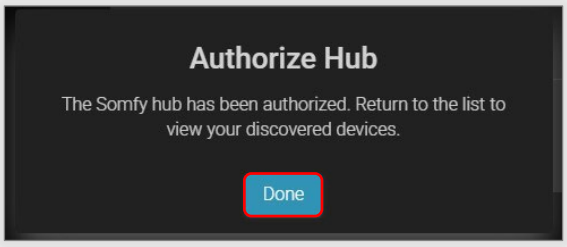


The discovery will detect all TaHoma hubs/gateways connected on the network. Ensure Third-Party Integration is enabled for each TaHoma gateway in the TaHoma app, then select "Authorize" for each TaHoma. Refer to the Enable Third-Party Integration section of this guide to enable third-party integration.

7) SELECT "Authorize" for each TaHoma where necessary



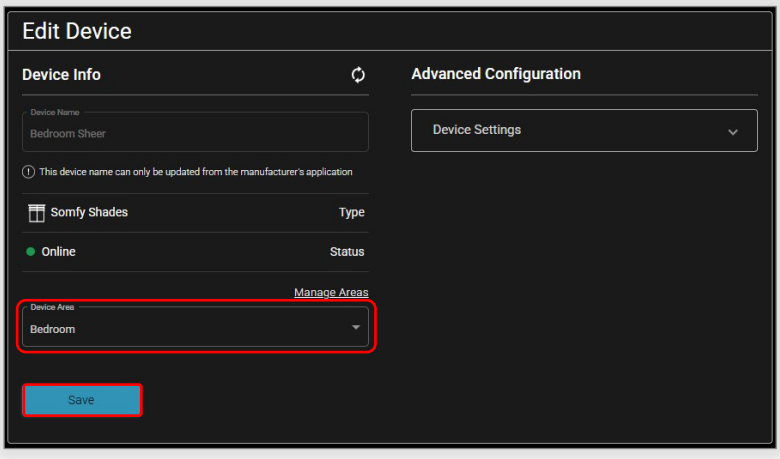
8) SELECT "Done" to return to the Devices list



9) For each device, SELECT the associated area of the project from the Device Area dropdown

Example: Bedroom

10) SELECT "Save"

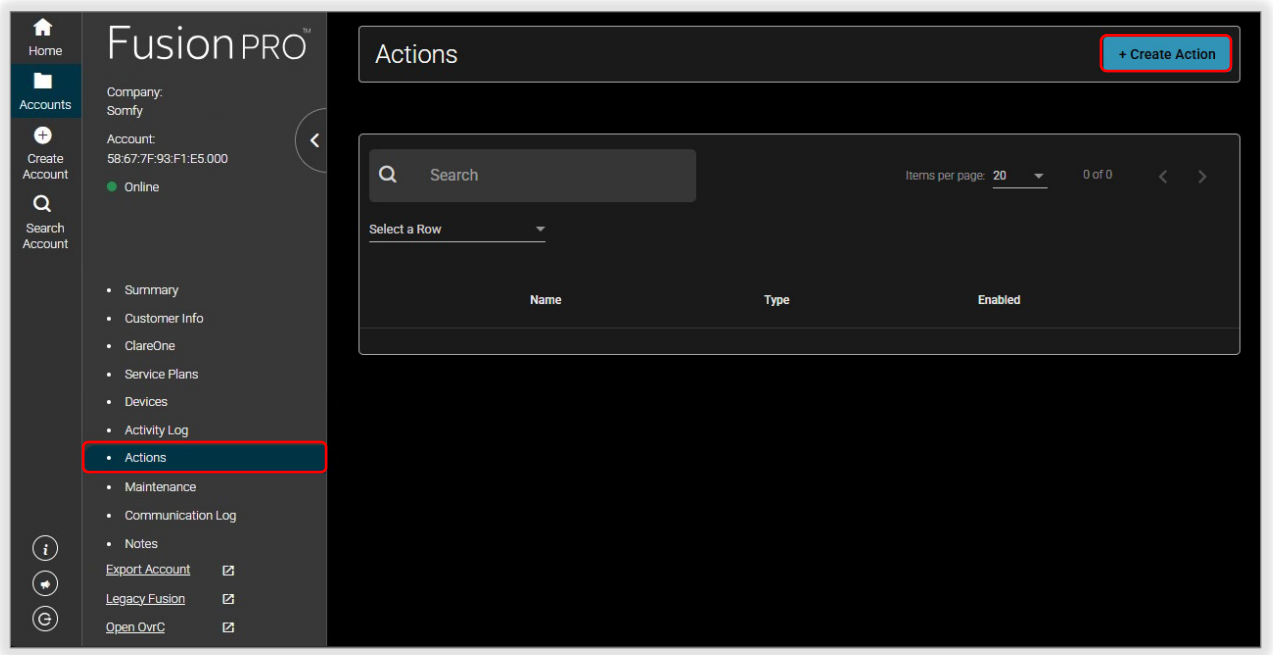


Device names will automatically populate with the device names detailed in the TaHoma by Somfy app.

CREATE ACTIONS

Actions allow users to configure scenes, schedules, notifications, and automations for specific devices.
The following instruction details how to create a simple scene to launch with a button press.

1) In FusionPro, SELECT "Actions"
2) SELECT "+ Create Action"

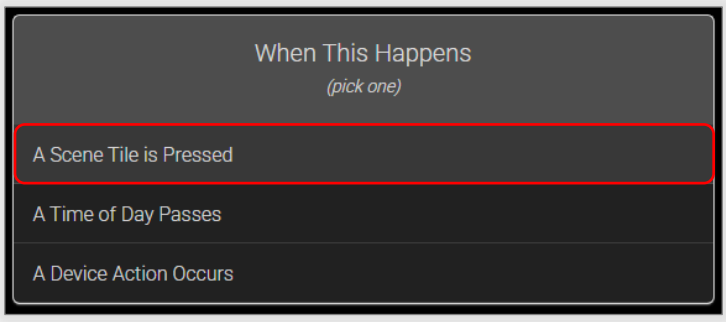


3) In the Action Name field, ENTER a name for the action

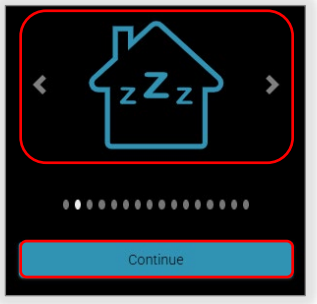
   Example: Good Night



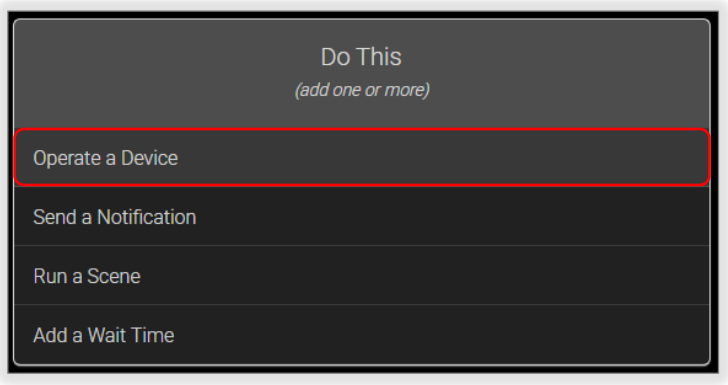
4) In the When This Happens section, SELECT "A Scene Tile is Pressed"



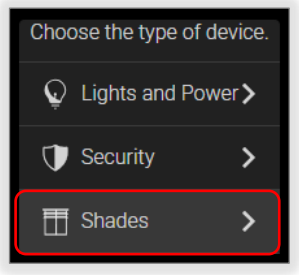
5) SELECT a desired scene tile, then SELECT "Continue"



6) In the Do This section, SELECT "Operate a Device"

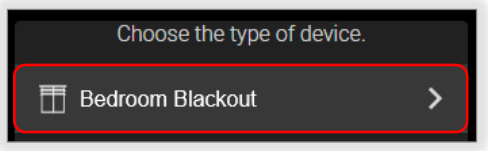


7) SELECT "Shades"



8) SELECT a device to control

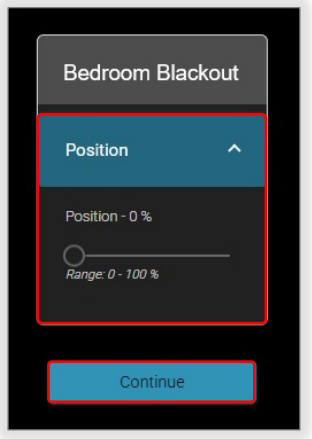
Example: Bedroom Blackout



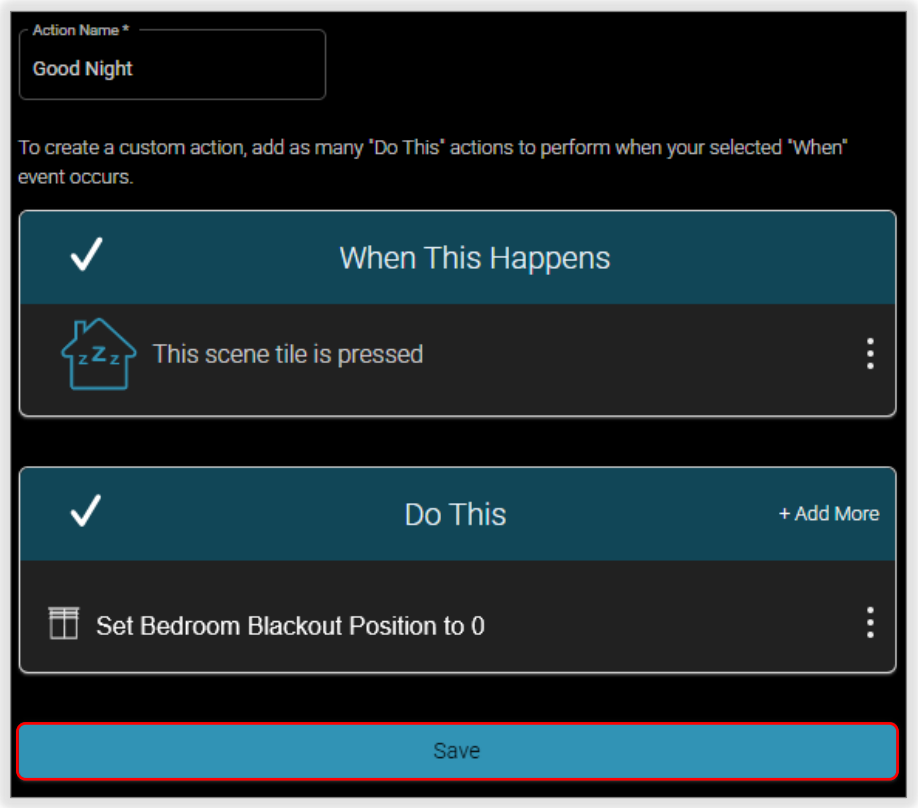
9) Under Position, SELECT a shade position with the slider

Example: 0% (Closed)

10) SELECT "Continue"



11) Confirm the action settings, then SELECT "Save"



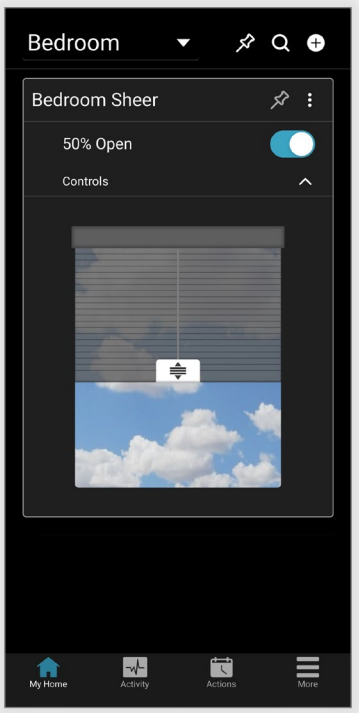
The Good Night scene tile for the action will be under Scenes in the ClareHome app.

TEST OPERATION

Refer to the Appendix of this guide for the Available Commands & Actions. RTS motors do not report positional feedback. RTS motors are capable of one programmable "my" or favorite position.

Test operation of the devices or actions using the ClareHome app

Example: Bedroom Sheer shade is 50% Open



APPENDIX

[APPENDIX] ENABLE THIRD-PARTY INTEGRATION

TAHOMA ZIGBEE COMMANDS	
Close	Moves product to the closed position
Open	Moves product to the open position
Toggle	Moves product closed or open
Position	Moves product to a percent openness (0-100)
Tilt Close	Tilts product closed*
Tilt Open	Tilts product open*

TAHOMA ZIGBEE LIGHTING COMMANDS	
Off	Turns power off to lighting device or small appliance
On	Turns power on to lighting device or small appliance
Toggle	Turns lighting device or small appliance off or on

TAHOMA RTS COMMANDS	
Close	Moves product to the closed position
Open	Moves product to the open position
Stop	Stops product when moving
My	Moves product to the programmed "my" position if at rest
Toggle	Moves product closed or open
Tilt Close	Tilts product closed*
Tilt Open	Tilts product open*

**Tilt close and tilt open are only available for tilting products.*

FOR QUESTIONS OR ASSISTANCE PLEASE CONTACT TECHNICAL SUPPORT:

(800) 22-SOMFY (76639)

Get answers to your questions from our Somfy FAQ page: www.somfysystems.com/en-us/support/faq

Follow the steps to access Service & Support.

© Somfy Systems, Inc. • MAY 2025
All brands, products, and trademarks are the property of their respective owners.

About Somfy®

For over 50 years, Somfy has been pioneering innovative motorization and automated solutions for window coverings and exterior shading products. With comfort, ease of use, security, and sustainability in mind, our seamless and connected solutions are designed to help people make the move to living spaces impactful for humans and with a reduced impact on nature.

A BRAND OF SOMFY GROUP

Somfy Systems, Inc.
T: (800) 22-SOMFY
www.somfypro.com

New Jersey
121 Herrod Blvd.
Dayton, NJ 08810
T: (609) 395-1300
F: (609) 395-1776

Florida
1200 SW 35th Ave.
Boynton Beach, FL 33426
T: (561) 995-0335
F: (561) 995-7502

California
15301 Barranca Pkwy.
Irvine, CA 92618-2201
T: (949) 727-3510
F: (949) 727-3775

Somfy ULC
T: (800) 66-SOMFY
www.somfypro.ca

Canada
6411 Edwards Blvd.
Mississauga, ON L5T 2P7
T: (905) 564-6446
F: (905) 238-1491