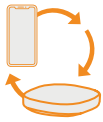


Integration Support - Zigbee



Zigbee is the only complete IoT solution - from mesh network to the universal language that allows smart objects to work together.

Integrate R-TEC Automation[®] Window Treatments into your Zigbee System using the SmartThings Hub.



About Zigbee

Zigbee increases choice and flexibility for users and developers, and delivers the confidence that products and services will work together through standardization and testing of all layers of the stack.

Zigbee certified products can connect and communicate using the same IoT language with each other, and millions of Zigbee products already deployed in smart homes and buildings. Zigbee is built with backwards & forwards compatibility in mind.



Getting Started

Before connecting Zigbee via SmartThings to your R-TEC Hub, please ensure the R-TEC Hub and window treatments are working.

In order to control your window treatments with your voice, you will need the following:

- R-TEC Hub already setup and working
- R-TEC Automation[®] App and account
- Working window treatments with your R-TEC Automation[®] App
- Zigbee System
- SmartThings Hub and account



Integration Through SmartThings Hub

Zigbee is a wireless radio frequency communication protocol designed for control, monitoring, and status-reading of connected devices. In other words, Zigbee is the different "language" your SmartThings Hub and devices use to "talk" to one another.

The SmartThings Hub contains internal Zigbee radio antennae to communicate wirelessly with Zigbee. The Hub acts as the primary controller for the Zigbee network.



Scene Control

Scenes need to be set up in the SmartThings App as desired and can integrate multiple devices like window treatments, motion sensors, lock doors, lighting and much more.



Device Control

Access to app control or integrate your Amazon Alexa or other voice control device, giving you full control however you're used to.



While You're Away

While you're away from home, SmartThings can send you video alerts if there's unexpected activity, warn you if there's a water leak and much more.



Percentage & Stop Control

An individual window treatment or scene can control any percentage of openness. A shade that is completely raised to its upper limit is at 0%, while one lowered to its lower limit is at 100%. Using SmartThings, stop the treatment at any position between the limits programmed on the motor.



Quick Tips

SmartThings can be easily linked in the R-TEC Automation[®] App. It is required to create an account on the SmartThings App that needs to be connected to a SmartThings Hub (Gen. 2 or 3) in order to allow you to control as many devices as you have through only one app, including your window treatments. Make sure that when you link the R-TEC Automation[®] App with the SmartThings App, both still are under the same Wi-Fi network.

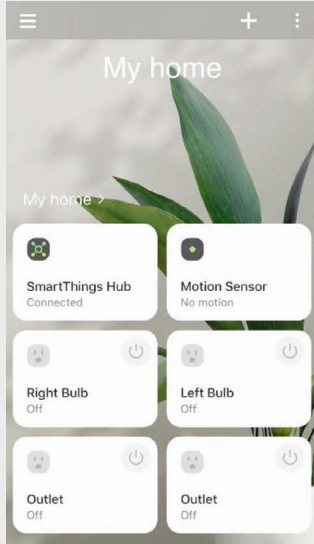
Integration Instructions

Initial Set Up

First ensure your SmartThings account is setup and working. To test this, try to activate any other devices that you have connected to the SmartThings Hub. This will confirm that SmartThings is working. Also, test the R-TEC Automation® App and ensure the R-TEC Hub and window treatments are working.

Linking your R-TEC Hub on SmartThings Integration

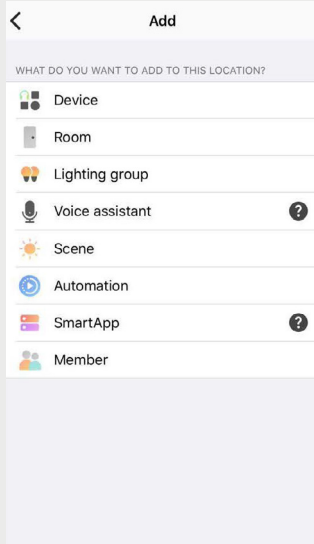
1



The screenshot shows the SmartThings app home screen. At the top, there is a menu icon on the left, a plus sign in the center, and a settings icon on the right. Below this is a header 'My home' with a background image of a plant. Underneath, there are several device tiles: 'SmartThings Hub Connected', 'Motion Sensor No motion', 'Right Bulb Off', 'Left Bulb Off', and two 'Outlet Off' tiles. A plus sign is visible in the top right corner of the device tiles area.

From the home page in the SmartThings App, select the "plus (+)" button in the top right corner.

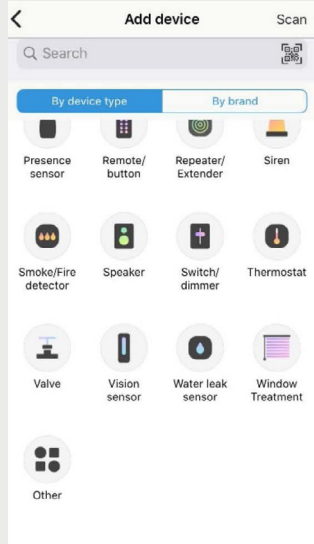
2



The screenshot shows the 'Add' screen in the SmartThings app. It has a back arrow on the left and the title 'Add'. Below the title is a search bar and the question 'WHAT DO YOU WANT TO ADD TO THIS LOCATION?'. A list of categories is shown: 'Device', 'Room', 'Lighting group', 'Voice assistant', 'Scene', 'Automation', 'SmartApp', and 'Member'. The 'Device' option is highlighted.

Select the "Device" option from the list.

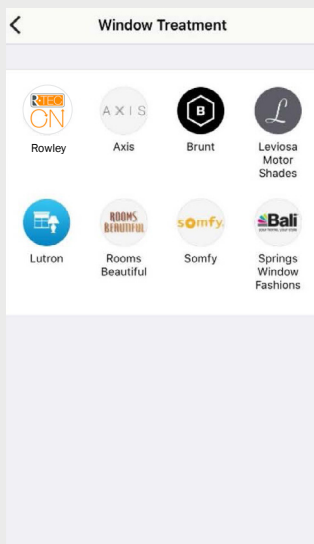
3



The screenshot shows the 'Add device' screen in the SmartThings app. It has a back arrow on the left and the title 'Add device'. Below the title is a search bar and a 'Scan' button. There are two tabs: 'By device type' (selected) and 'By brand'. A grid of device icons is displayed, including 'Presence sensor', 'Remote/button', 'Repeater/Extender', 'Siren', 'Smoke/Fire detector', 'Speaker', 'Switch/dimmer', 'Thermostat', 'Valve', 'Vision sensor', 'Water leak sensor', and 'Window Treatment'. The 'Window Treatment' icon is highlighted.

Select the "By Device Type" option and scroll down. Tap the "Window Treatment" icon.

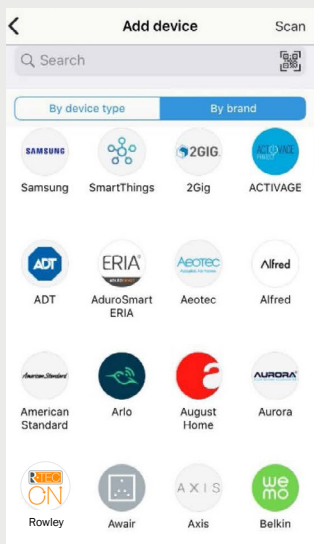
4



The screenshot shows the 'Window Treatment' selection screen in the SmartThings app. It has a back arrow on the left and the title 'Window Treatment'. Below the title is a grid of brand logos: Rowley, Axis, Brunt, Leviosa Motor Shades, Lutron, Rooms Beautiful, Somfy, and Springs Window Fashions. The 'Rowley' logo is highlighted.

Select the "Rowley" icon to link with that specific integration.

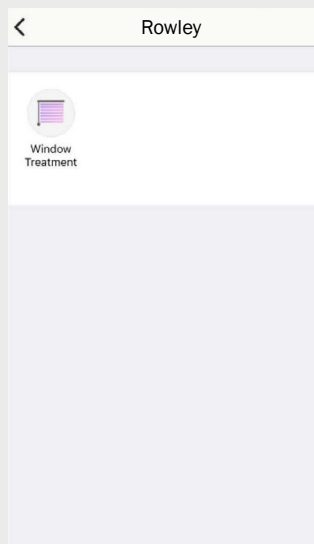
5



The screenshot shows the 'Add device' screen in the SmartThings app, specifically the 'By brand' tab. It has a back arrow on the left and the title 'Add device'. Below the title is a search bar and a 'Scan' button. A grid of brand logos is displayed, including Samsung, SmartThings, 2Gig, ACTIVAGE, ADT, AduroSmart ERIA, Aeotec, Alfred, American Standard, Ario, August Home, Aurora, Rowley, Awair, Axis, and Belkin. The 'Rowley' logo is highlighted.

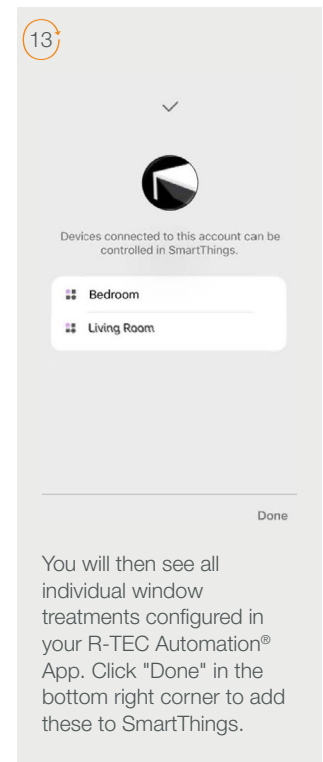
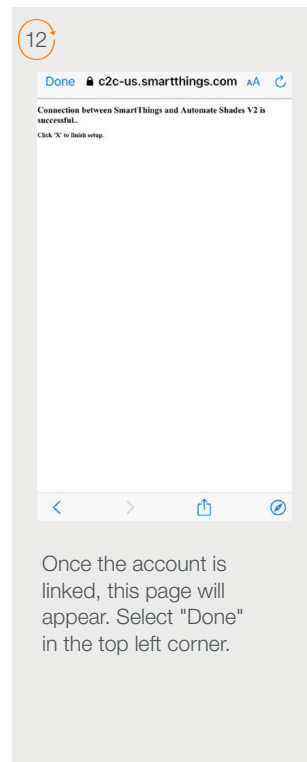
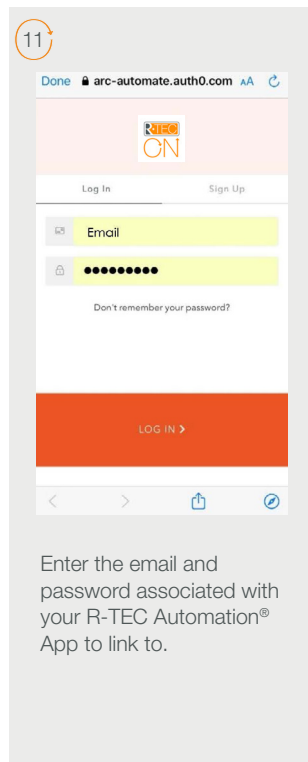
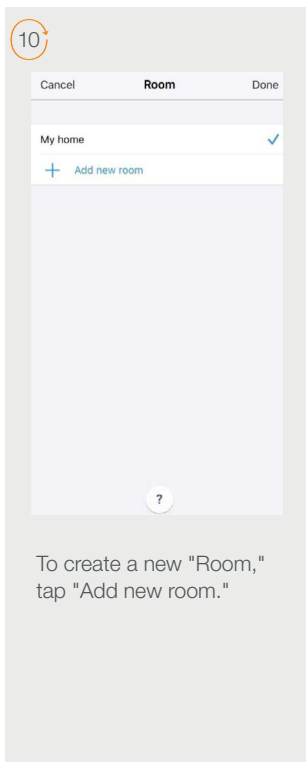
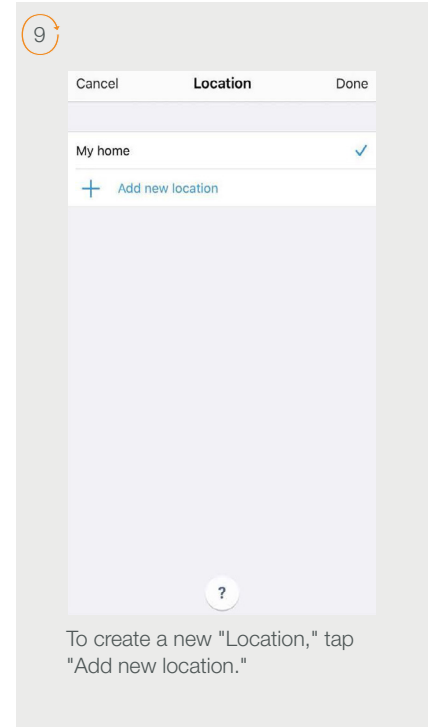
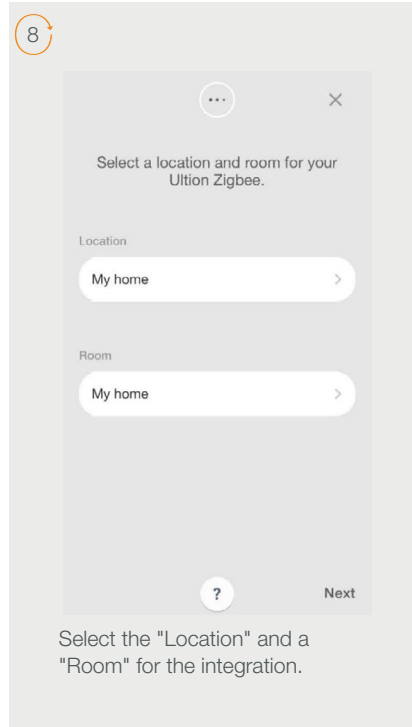
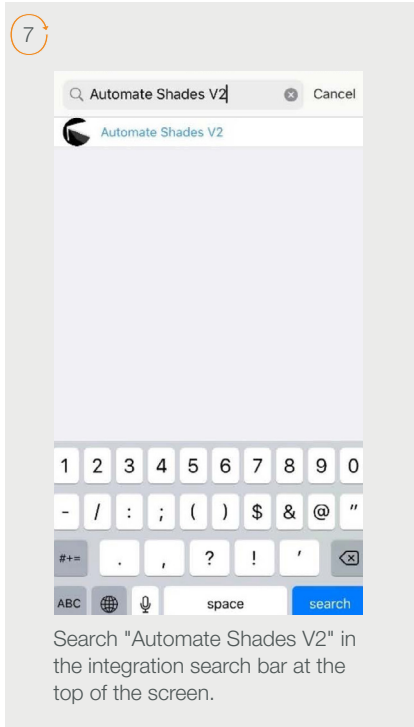
An additional option is "By Brand" on the top and select the "Rowley" option.

6



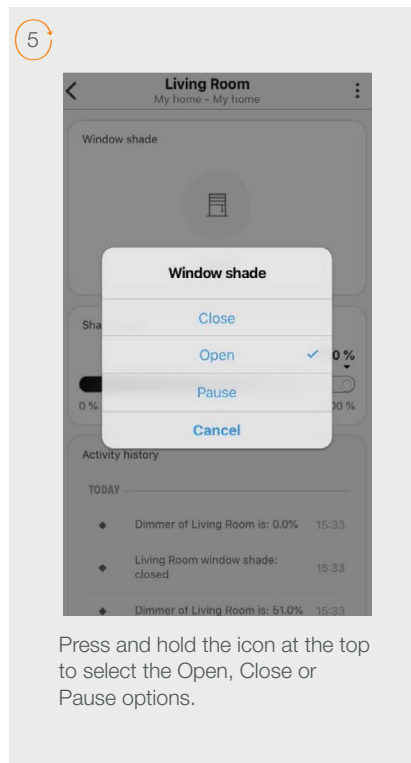
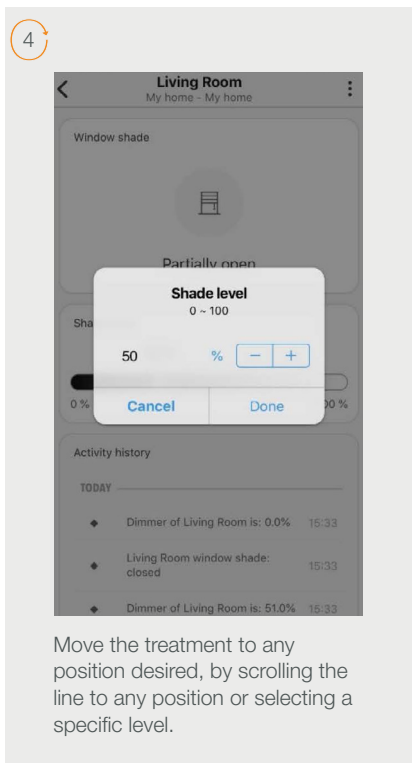
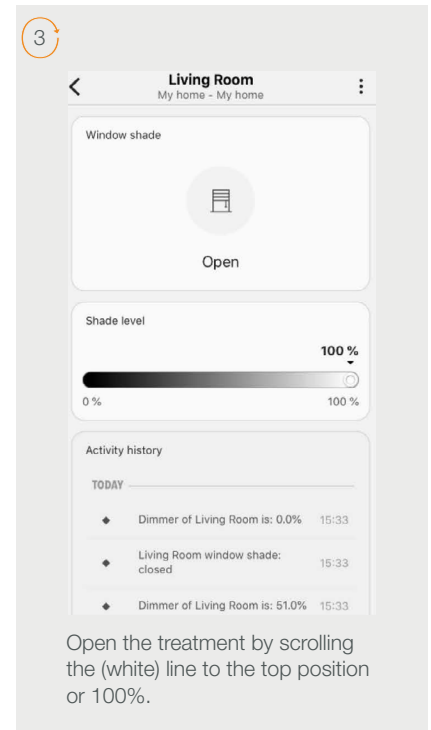
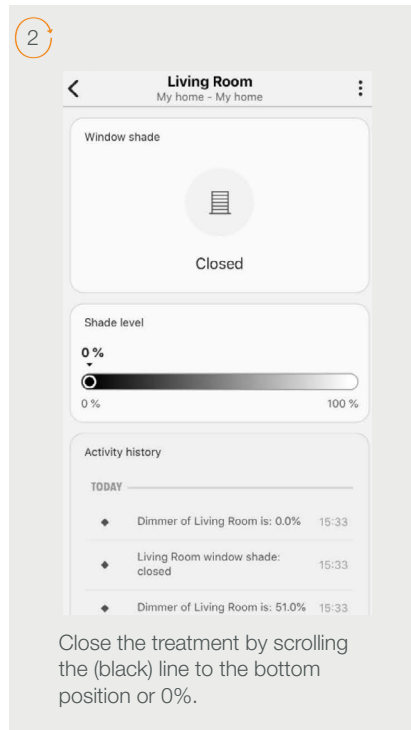
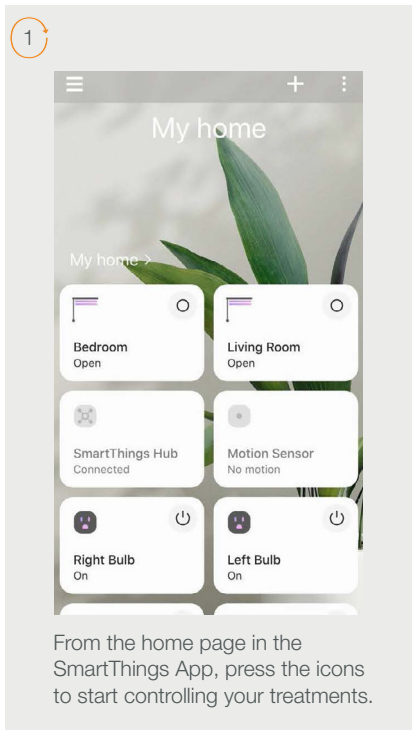
The screenshot shows the 'Rowley' integration selection screen in the SmartThings app. It has a back arrow on the left and the title 'Rowley'. Below the title is a single icon for 'Window Treatment', which is highlighted.

Select the "Window Treatment" icon from the list.



How to Operate the Window Treatments from the SmartThings App

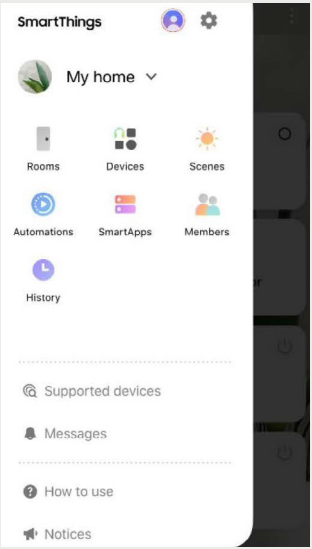
Control the window treatments individually from SmartThings and move to a precise position as desired.



How to Create a Scene on the SmartThings App

Customize your scenes using the SmartThings App and set up the window treatments to work with many devices in perfect tune with your lifestyle and routines.

1

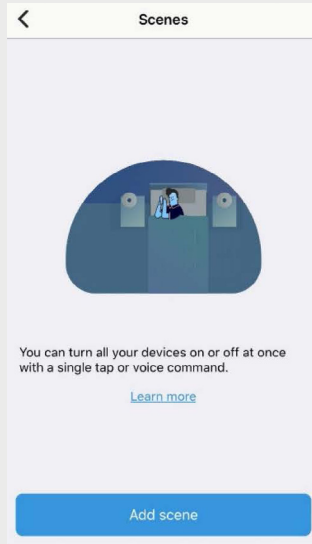


The screenshot shows the SmartThings app home screen. At the top left, there is a 'SmartThings' logo and a 'menu' icon (three horizontal lines). Below the logo is a 'My home' dropdown menu. The main area contains several icons for 'Rooms', 'Devices', 'Scenes', 'Automations', 'SmartApps', and 'Members'. At the bottom, there are sections for 'Supported devices', 'Messages', 'How to use', and 'Notices'.

From the home page in the SmartThings App, select the "menu" logo in the top left corner.

Then, select "Scenes."

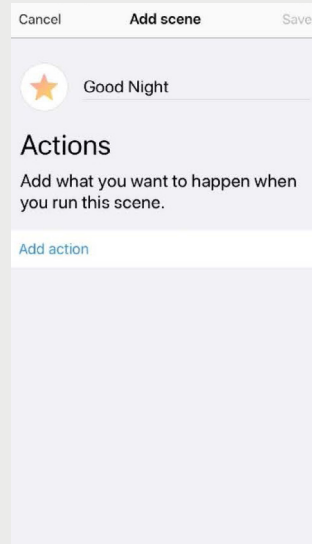
2



The screenshot shows the 'Scenes' screen in the SmartThings app. At the top, there is a back arrow and the title 'Scenes'. Below the title is a large blue graphic of a person sitting at a desk with a computer. Underneath the graphic, there is a text box that says: 'You can turn all your devices on or off at once with a single tap or voice command.' Below this text is a link that says 'Learn more'. At the bottom of the screen is a large blue button that says 'Add scene'.

Tap the "Add Scene" button to begin programming your desired scene.

3



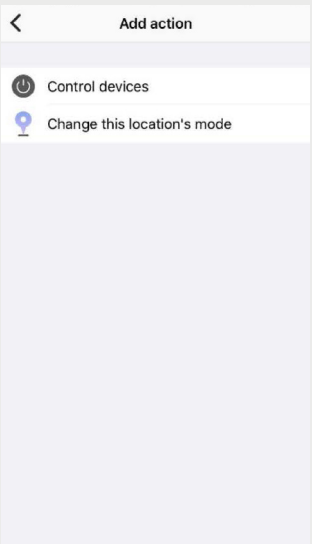
The screenshot shows the 'Add scene' screen in the SmartThings app. At the top, there are 'Cancel' and 'Save' buttons. Below them is a star icon and the text 'Good Night'. Underneath is the title 'Actions' and a text box that says: 'Add what you want to happen when you run this scene.' Below this text is a button that says 'Add action'.

Input your Scene Name.

Example: Good Night

Then, select "Add action" to add the devices.

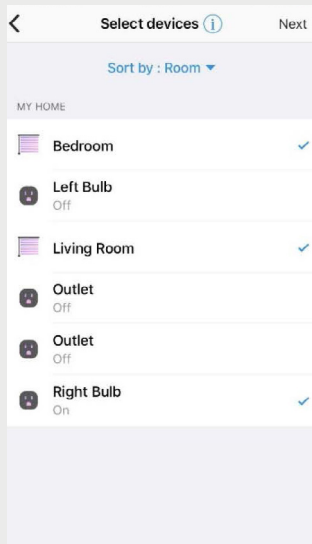
4



The screenshot shows the 'Add action' screen in the SmartThings app. At the top, there is a back arrow and the title 'Add action'. Below the title are two options: 'Control devices' and 'Change this location's mode'. The 'Control devices' option is selected.

By clicking on the "Control devices" option, you can select the devices to add to your scene.


5



The screenshot shows the 'Select devices' screen in the SmartThings app. At the top, there is a back arrow, the title 'Select devices', and a 'Next' button. Below the title is a 'Sort by: Room' dropdown menu. Underneath is a section titled 'MY HOME' with a list of devices: 'Bedroom' (checked), 'Left Bulb' (Off), 'Living Room' (checked), 'Outlet' (Off), 'Outlet' (Off), and 'Right Bulb' (On, checked). Each device has a checkmark or a status indicator.

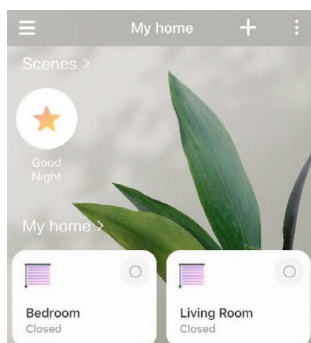
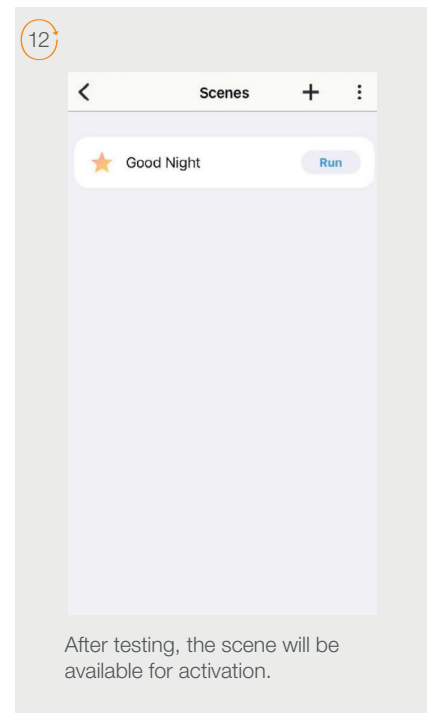
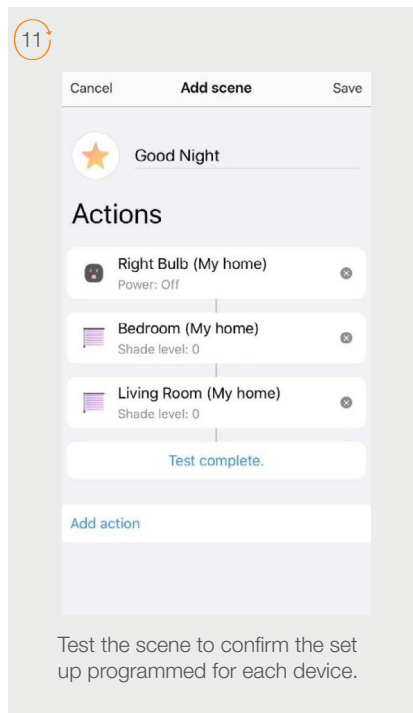
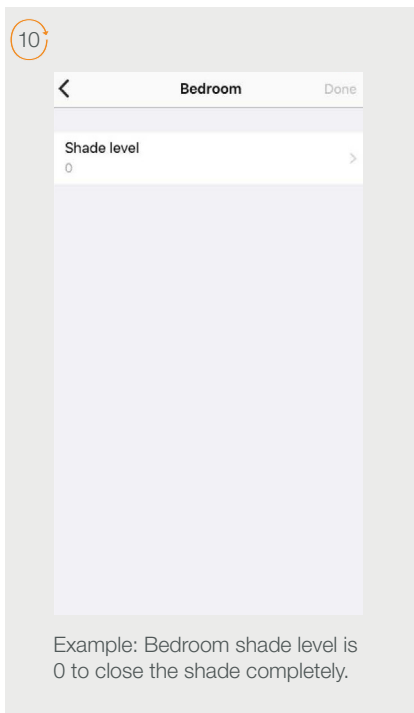
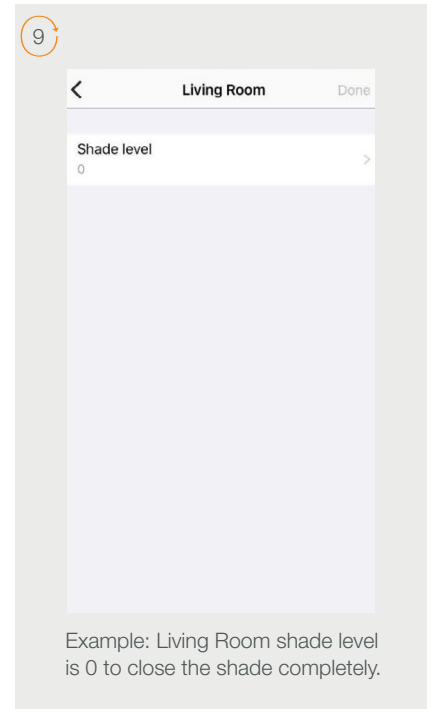
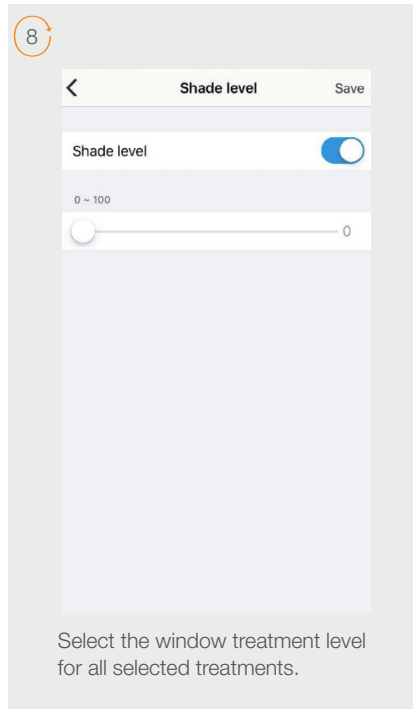
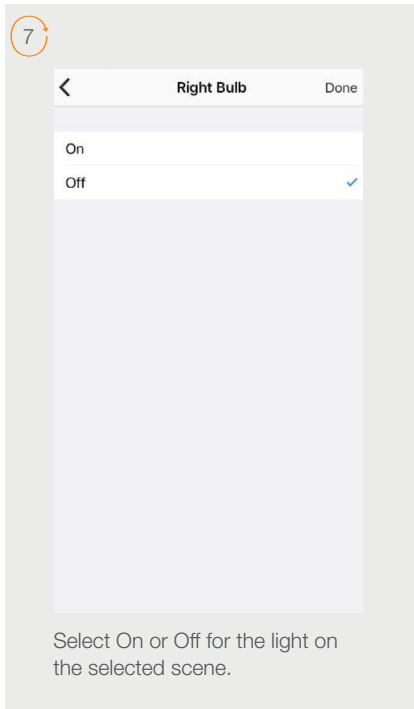
Select the devices that will be added to your scene.

6



The screenshot shows the 'Add scene' screen in the SmartThings app, similar to step 3. At the top, there are 'Cancel' and 'Save' buttons. Below them is a star icon and the text 'Good Night'. Underneath is the title 'Actions'. Below the title are three actions: 'Right Bulb (My home) Power: On', 'Bedroom (My home) Choose what you want this device t...', and 'Living Room (My home) Choose what you want this device t...'. Below these actions is a 'Test' button and an 'Add action' button.

Choose custom heights (by %) or set open / close for selected shades and on / off for lights.



The scenes created in the SmartThings App will be on your home page.

Frequently Asked Questions

Q: Can I use the SmartThings App on my iOS Device?

A: Yes, you can download the SmartThings App free from the App Store and start your experience controlling your R-TEC Automation® window treatments through the app.

Q: How can I Connect my Window Treatment to SmartThings?

A: SmartThings cannot add a window treatment directly. An R-TEC Automation® motor and R-TEC Hub are required to allow the successful association of both platforms.

Q: Can I Use the SmartThings Integration Without a SmartThings Hub?

A: Yes, you can link your R-TEC Automation® account to the SmartThings App, but if you don't have the SmartThings Hub, you won't be able to add and control additional devices like motion sensors, lights, lock doors, etc.

Still have Questions?

For questions about R-TEC Automation® products, contact our in-house experts at 866.985.3423.

Email us at RTECAutomation@RowleyCompany.com.

For Technical Support, contact Samsung - SmartThings Support at 1.800.726.7864.