

# ESI RQ Bridge

## Crestron Home™ Driver

**Base Model:** ESI RQ Bridge

**Device Type:** Shade

**Version:** 1.0.0

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### Notes & Recommendations

This is an updated version of the ESI RQ Bridge driver with an improved user experience. It will allow you to control your shades via ESI RQ Bridge. This driver will control the shades based on the platform driver. Multiple shade groups or rooms can be added using the platform driver user attributes.

The updated user interface will display all the shades you defined in a room on a single page.

Sequences are also supported so that the shades can be triggered from a scene, a button on a keypad, or a handheld remote.

The platform driver manages the communication between the ESI RQ Bridge driver and the Crestron Home™ (CH) processor's COM port.

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### System Requirements and Dependencies

Versions of software used:

- CP4R - firmware v2.8000.00056
- Crestron Home - v4.001.0334
- iOS CH App - v1.21.15
- TSW - firmware v1.006.0046
- Crestron Home App - 4.1.13+pr

This driver comes with a 2-hour trial license. You can purchase a full license at  
<https://digitalautomation.us/product/esi-rq-bridge-crestron-home-driver>

For additional information about this driver please visit the FAQs section on our website

[https://digitalautomation.us/product/esi-rq-bridge-crestron-home-driver/#desc\\_tab](https://digitalautomation.us/product/esi-rq-bridge-crestron-home-driver/#desc_tab)

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## Installation/Upgrade Instructions

### **The ESI RQ Bridge driver is found under ESI in Crestron's Platform category.**

When you add the platform driver, it will ask you for a descriptive name, the comport information, the number of rooms, and License Key information.

- **Number of rooms:** Here you enter the number of Crestron Home™ rooms where you want a tile to control the shades. Each tile will be customized to control the Somfy channels you want for each room. Multiple tiles can control the same Somfy channel.
- **License Key:** The driver comes with a 2-hour trial license that you can use to test the driver with your hardware and verify operation. You may follow the link below to visit our web store and purchase a license without the trial time restriction.

<https://digitalautomation.us/product/esi-rq-bridge-crestron-home-driver>

Once you finish entering the information and press OK, a new folder will appear under ESI in the **Managed Platforms** category. It will have the same name as the platform driver you just added. Inside the folder, you will see entries labeled Home Tile, Room 1, Room 2, etc.. The number of entries is equal to the number you entered under "Number of rooms". Add an entry into each room that will have shade control. When you add it to the room, it will ask you to define the Shade Entries.

The ESI RQ Bridge driver is used to control the available shades in any given room. Each room that has shade control will need its own instance of the driver ESI obtained from the folder. This is done by clicking the "+" of the driver in the selected room. You can add multiple instances of the driver to a room and they will be presented as multiple tiles in the user interface.

The ESI RQ Bridges identify the motors using 3 alphanumeric character addresses, for example, xyz, XYZ, 0PX, AaA, or 6pP. The addresses are case-sensitive where the address xyz is different than address XYZ.

The RQ motor addresses and shade names are entered using the format: XYZ-Name. Where XYZ is the RQ motor address, and Name is the text displayed to the user. A dash "-" separates the address and the shade name. A semicolon separates shade motor entries. For example "XYZ-Name; C0N-Blackouts;

C19-Shades". Invalid entries are skipped. The address 000 means ALL units on the RQ bus not only in the room.

The Shade integration can be configured in multiple different ways. For instance, all the windows treatments can be configured to be under one tile, or the blackouts can be configured under one tile and shades under a different tile to provide a different user experience.

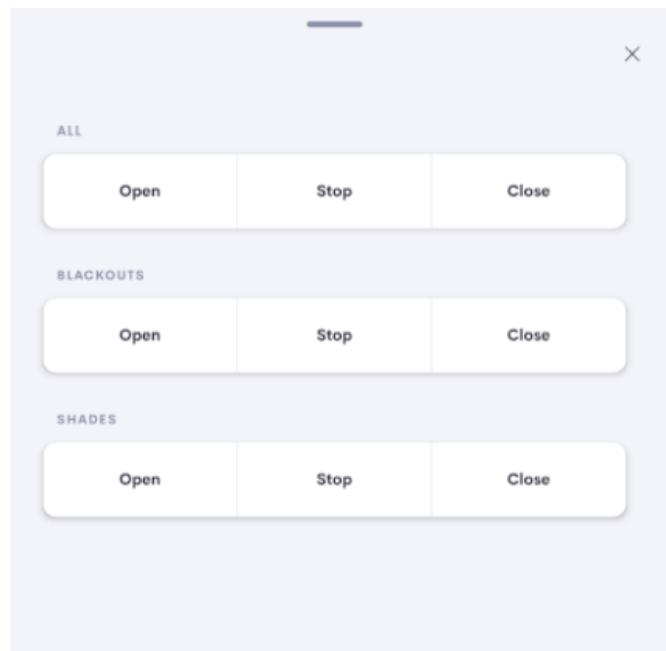
**Note:** Please refer to this [driver's FAQ](#) on our website for more info

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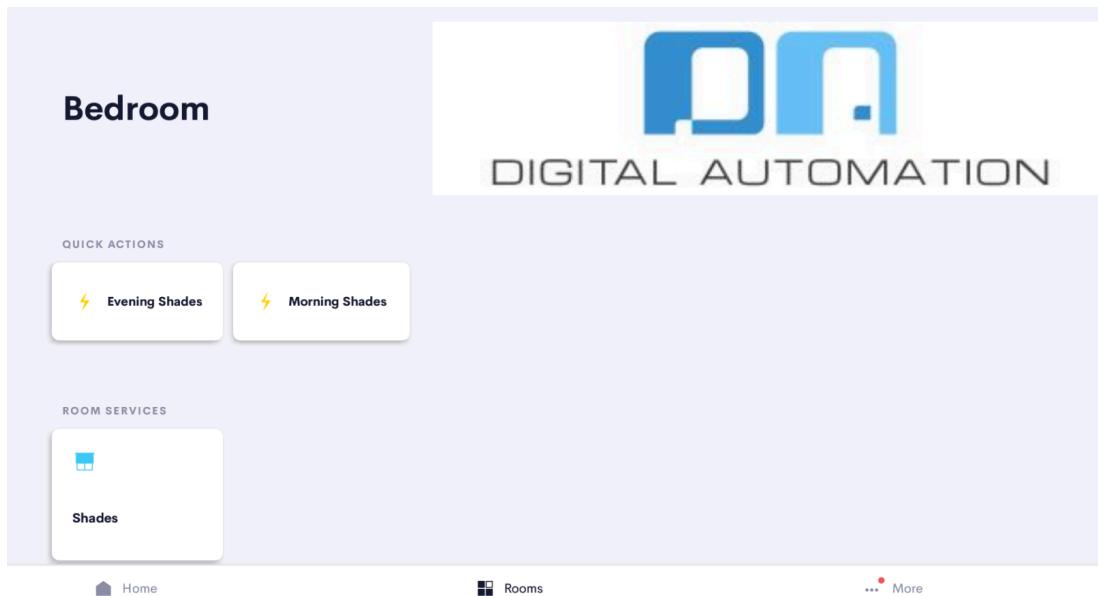
## End-User Experience

### New Updated Shade Control interface

It will display all the shades you defined in a room on a single page.



## Room Tile



## Supported Features

- Open
- Stop
- Close
- Preset
- Custom position
- Quick actions

## Test Environment

The following hardware was used for testing:

- CP4R - firmware v2.8000.00056
- Crestron Home - v4.001.0334
- iOS CH App - v1.21.15
- TSW - firmware v1.006.0046
- Crestron Home App - 3.21.11+pr

## Supported Models

- ESI RQ Bridge

## Contact Information

If you have any questions please contact us at [drivers@digitalautomation.us](mailto:drivers@digitalautomation.us)

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## Version History

### 1.0.0

07/31/2024

- Initial release

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## Licensing and Copyright Information

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