



TECH BULLETIN

TECHNICAL SUPPORT

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CH-OS-L: Z-Wave Network Transfer

Introduction

This bulletin instructs Clare Controls customers how to transfer the Z-Wave network of a failed CH-OS-L to a replacement CH-OS-L.

Notes

- The Z-Wave network must have been backed up prior to the failure of the CH-OS-L.
- The new CH-OS-L must use the same project as the original CH-OS-L.
- If the Z-Wave backup (on the Z-Stick) has been corrupted, the Z-Wave network must be rebuilt.
- If you are replacing a CH-OS-L with a CLIQ controller, the Z-Wave network must be rebuilt.

Transferring the Z-Wave network

The Z-Stick holds most of the Z-Wave network information. It is not entirely backed up in Fusion. The information on the Z-Stick combines with the Z-Wave information stored in the project. When using Z-Wave, ensure that the Z-Wave network is backed up when devices are added, or when there are changes in the network.

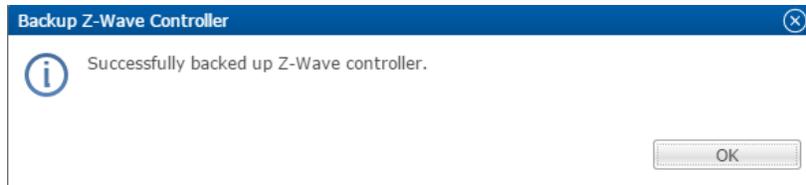
To back up the Z-Wave network:

1. Select the project, and then click the **Z-Wave** tab.



2. Click the **Backup Z-Wave Controller** button .

A Success messages displays.



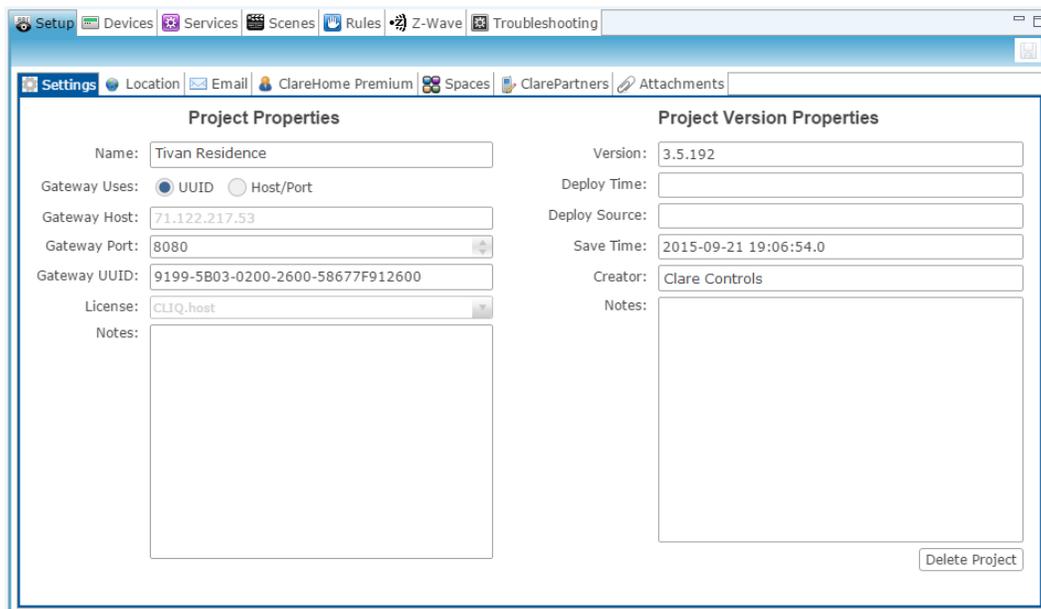
3. Click **OK**.

To transfer the Z-Wave network:

1. Ensure that there is no power connected to the failed CH-OS-L device, and then remove the Z-Stick.

Note: If the Z-Stick is removed when the CH-OS-L is powered on, device information may be lost or damaged. The Z-Wave network must be rebuilt if device information is lost.

2. In Fusion, change the project's UUID to the new CH-OS-L's UUID, and then click the **Save** button .

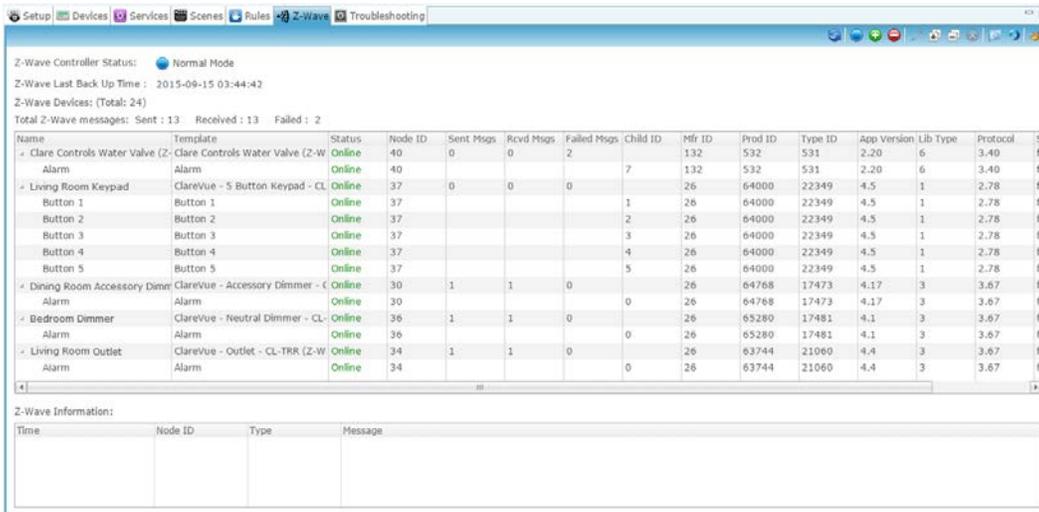


Note: The same project must be used for a successful Z-Wave network transfer.

3. Ensure that the new CH-OS-L is not powered on, and then insert the Z-Stick.
4. Power on the new CH-OS-L.

Depending on the size of the project, it may take between 3 and 5 minutes for all Z-Wave devices to come online.

5. In Fusion, access the **Z-Wave** tab, and then click the **Refresh** button .

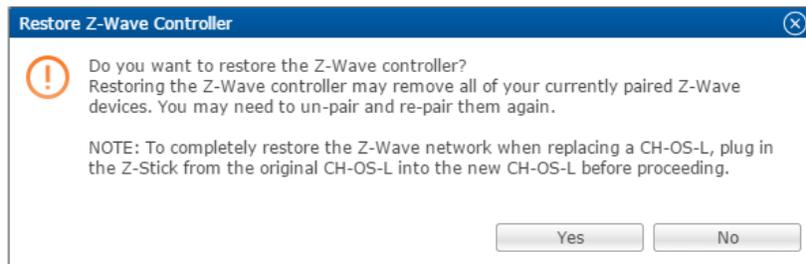


Name	Template	Status	Node ID	Sent Msgs	Rcvd Msgs	Failed Msgs	Child ID	Mfr ID	Prod ID	Type ID	App Version	Lib Type	Protocol	S
- Clare Controls Water Valve (Z-W)	Clare Controls Water Valve (Z-W)	Online	40	0	0	2		132	532	531	2.20	6	3.40	f
Alarm	Alarm	Online	40				7	132	532	531	2.20	6	3.40	f
- Living Room Keypad	ClareVue - 5 Button Keypad - CL	Online	37	0	0	0		26	64000	22349	4.5	1	2.78	f
Button 1	Button 1	Online	37				1	26	64000	22349	4.5	1	2.78	f
Button 2	Button 2	Online	37				2	26	64000	22349	4.5	1	2.78	f
Button 3	Button 3	Online	37				3	26	64000	22349	4.5	1	2.78	f
Button 4	Button 4	Online	37				4	26	64000	22349	4.5	1	2.78	f
Button 5	Button 5	Online	37				5	26	64000	22349	4.5	1	2.78	f
- Dining Room Accessory Dimmer	ClareVue - Accessory Dimmer - CL	Online	30	1	1	0		26	64768	17473	4.17	3	3.67	f
Alarm	Alarm	Online	30				0	26	64768	17473	4.17	3	3.67	f
- Bedroom Dimmer	ClareVue - Neutral Dimmer - CL	Online	36	1	1	0		26	65280	17481	4.1	3	3.67	f
Alarm	Alarm	Online	36				0	26	65280	17481	4.1	3	3.67	f
- Living Room Outlet	ClareVue - Outlet - CL-TRR (Z-W)	Online	34	1	1	0		26	63744	21060	4.4	3	3.67	f
Alarm	Alarm	Online	34				0	26	63744	21060	4.4	3	3.67	f

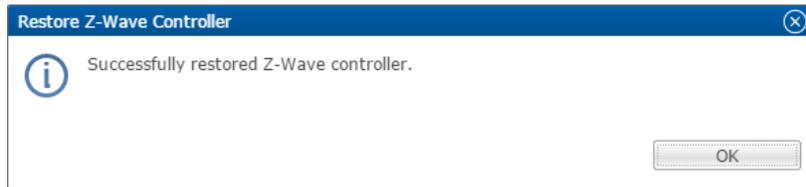
6. Ensure that all Z-Wave devices are online.
If any devices are missing, wait several minutes and refresh again.
7. Restore the Z-Wave network.

To restore the Z-Wave network:

1. Click the **Restore Z-Wave Controller** button .
The Restore Z-Wave Controller dialog displays.



2. Click **Yes**.
3. The Restore Z-Wave Controller dialog displays. Click **OK**.



For larger projects you may see an error message. Click **Ok**.



4. Test all Z-Wave devices to confirm a successful transfer.

Note: If the Z-Wave devices did not come online, or the devices are not working, the Z-Stick may be corrupted. You will need to rebuild the Z-Wave network.

Contact information

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