



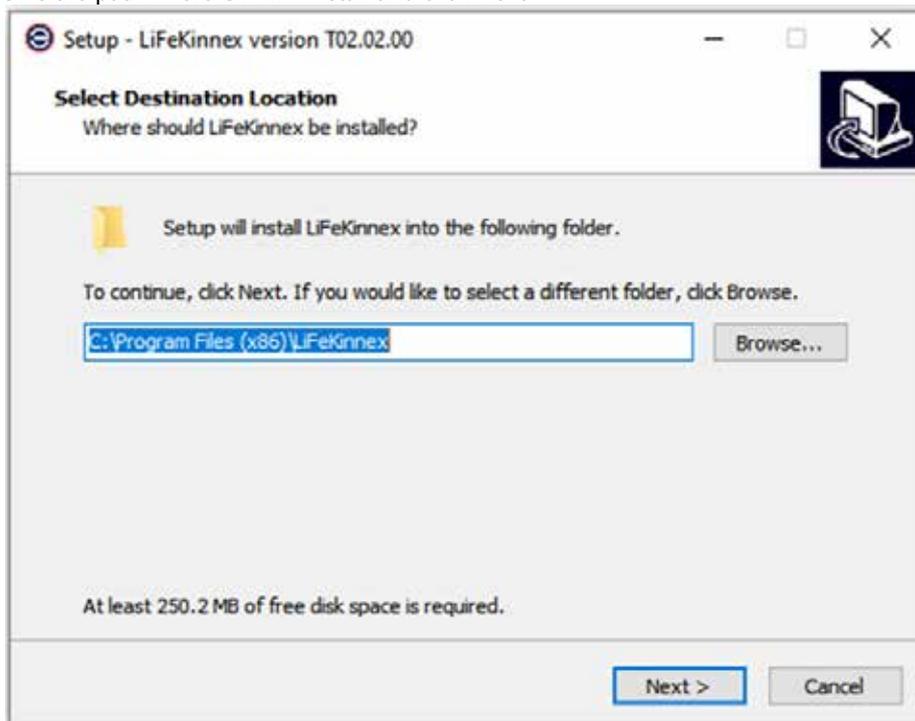
LiFeKinnex

WiFi Setup Guide

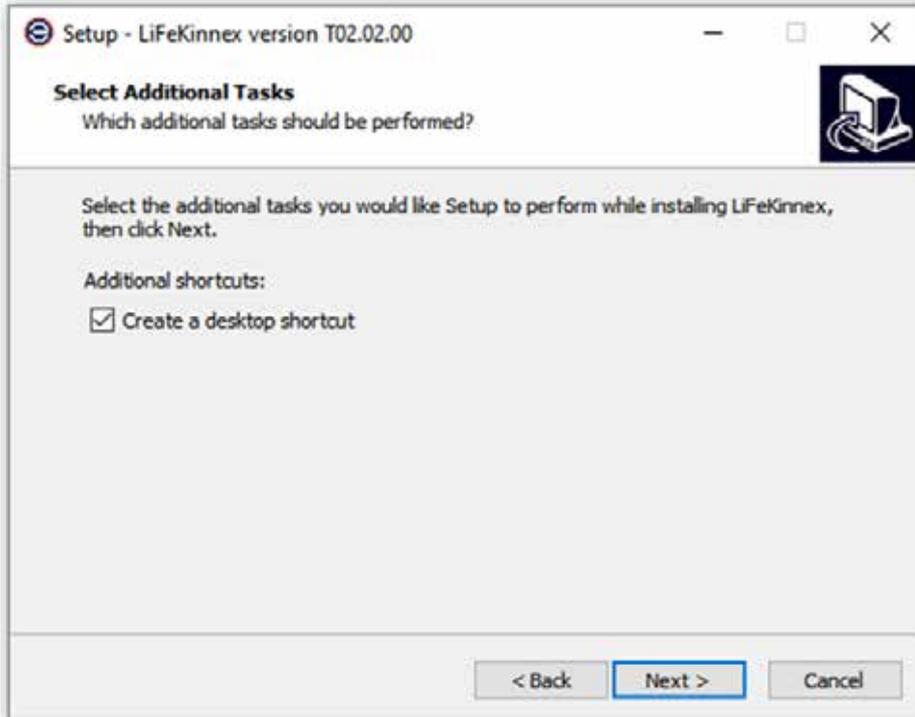
This Guide will go through the steps to set up your product's WiFi.
To connect to eKinnex, please contact Ergotron directly at
ekinnextsupport@ergotron.com
Phone: 844-243-6244

Install LiFeKinnex Application

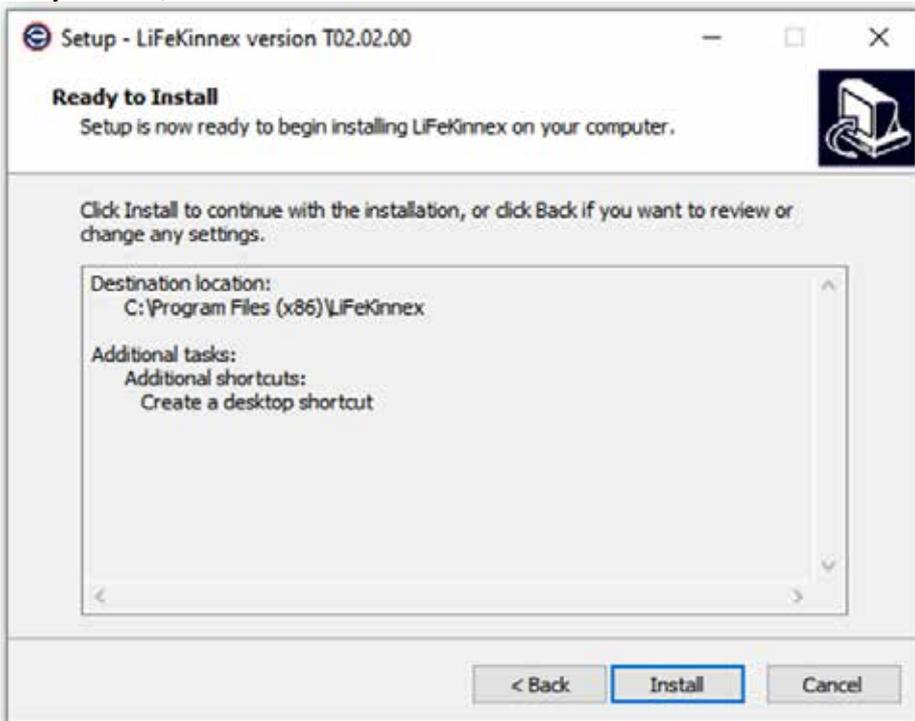
- 1 Download LifeKinnex Setup VERSION.exe
Double Click on the LifeKinnex Setup VERSION.exe, below message will be prompted
Do you want to allow this app from an unknown publisher to make changes to your device, Click on YES.
Give the path where SW will install and click Next>



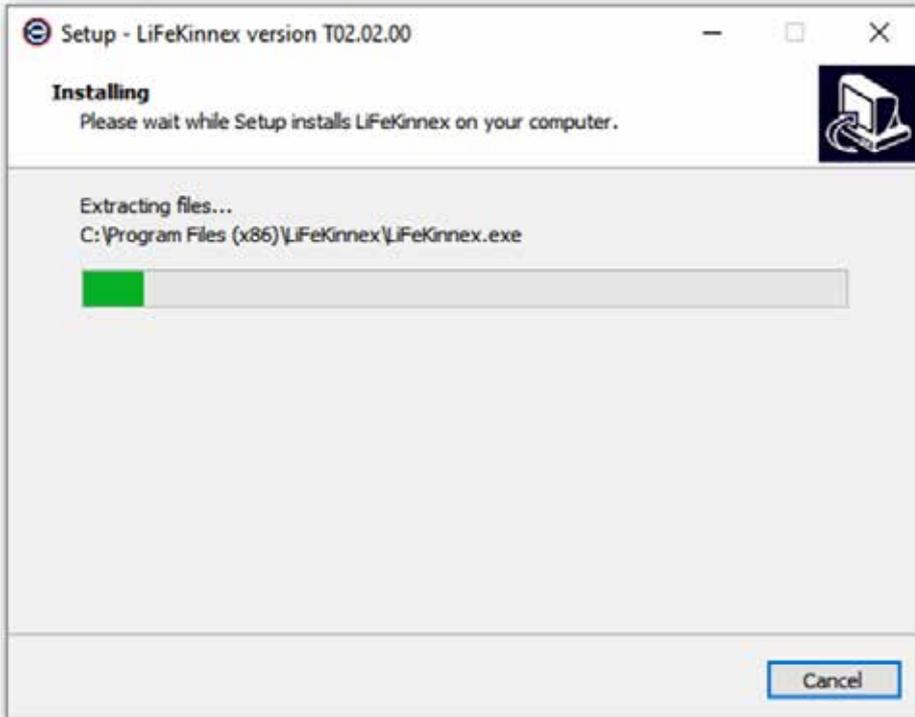
Check the checkbox Create a desktop shortcut – to create a shortcut and click on Next



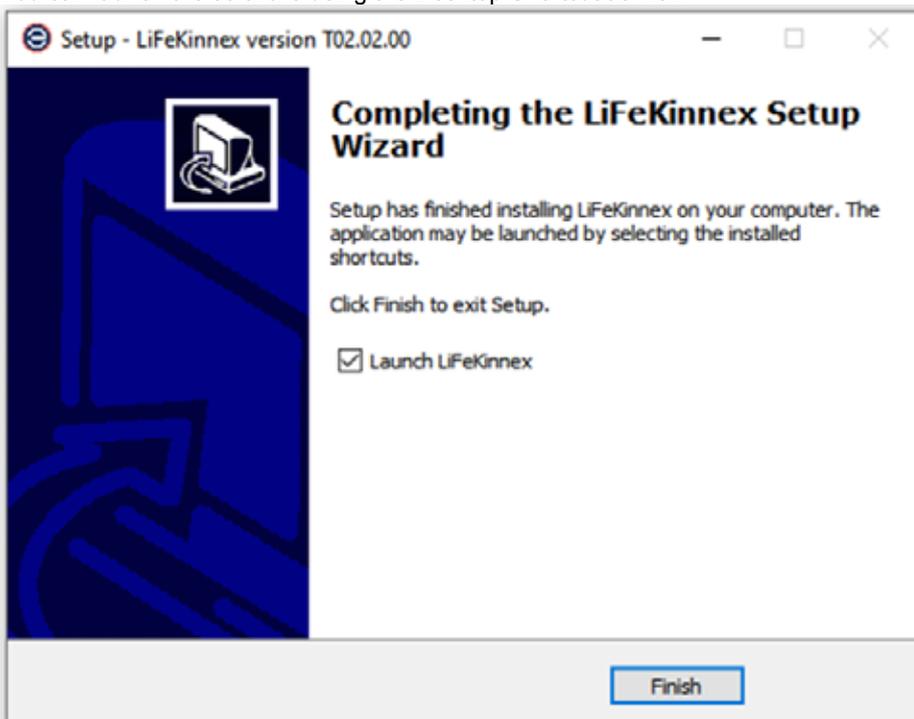
Ready to Install, Click on Install



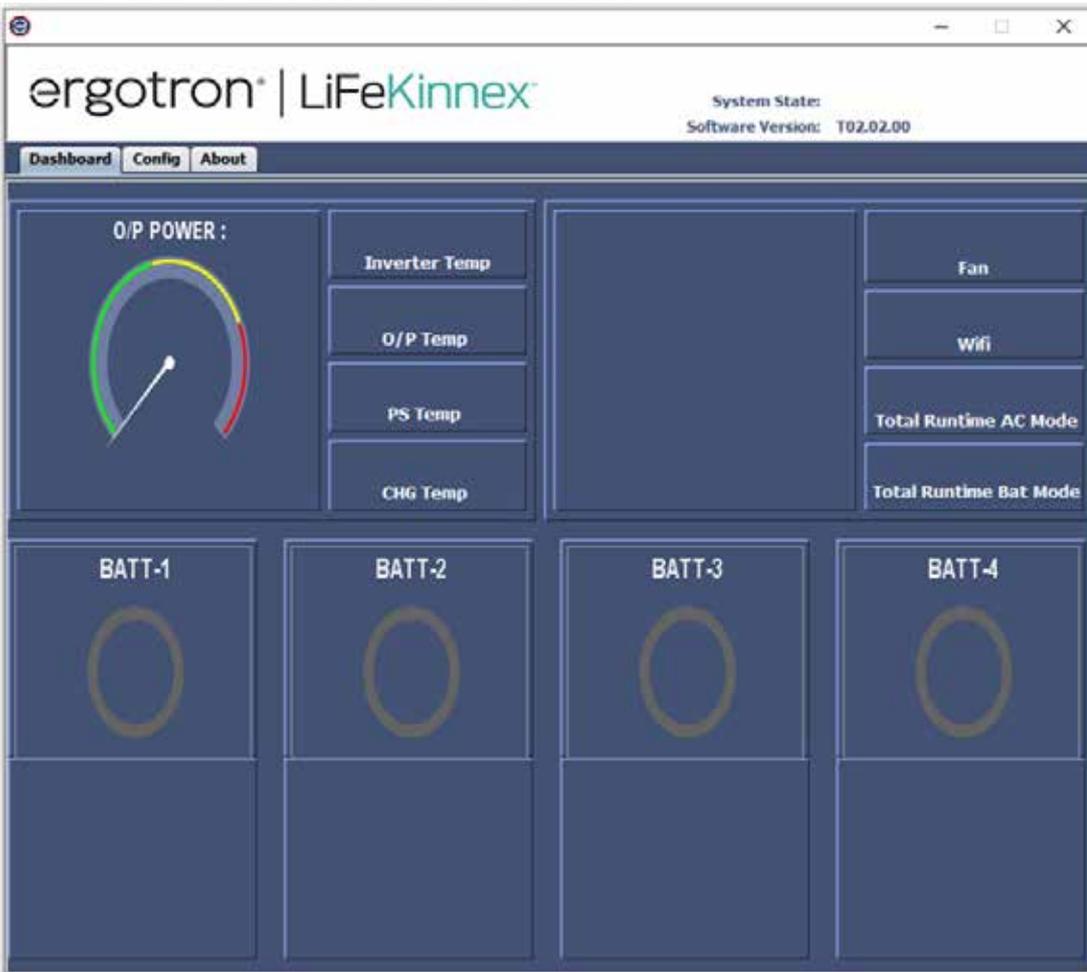
While installing don't click on cancel which will abort the Installation or Install with incomplete files



Click on checkbox Launch LifeKinnex to run the software and click on finish to run the software. You can launch the software using the Desktop Shortcut as well.



If the below screen is Launched the installation is successful.

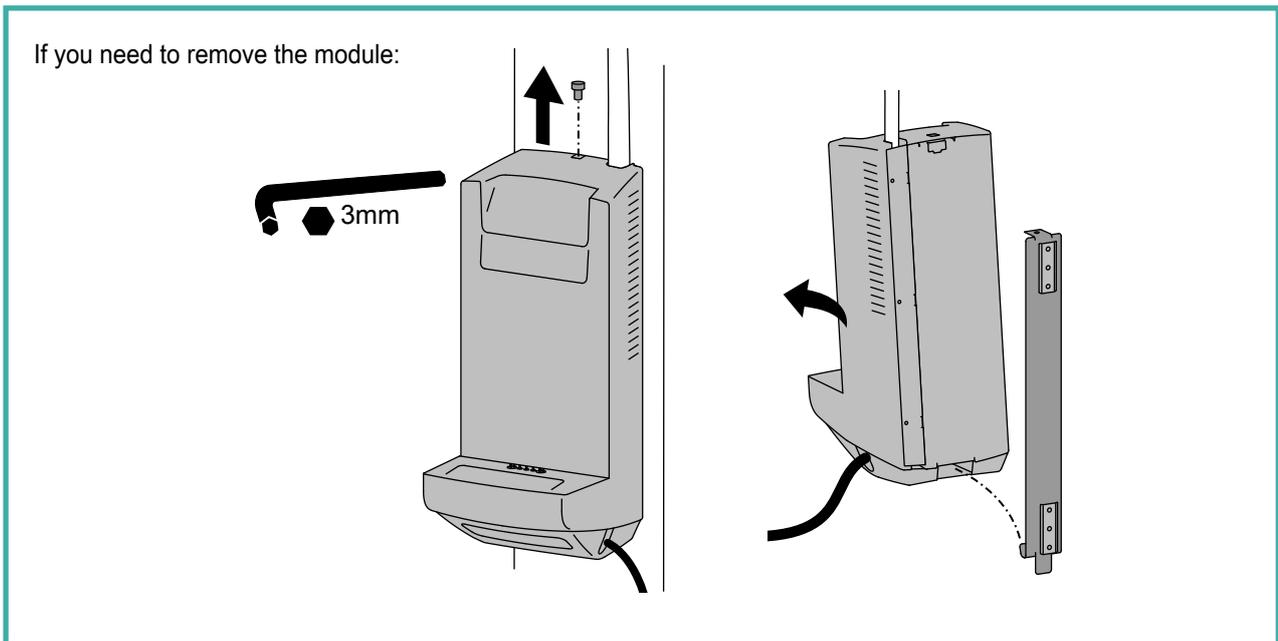
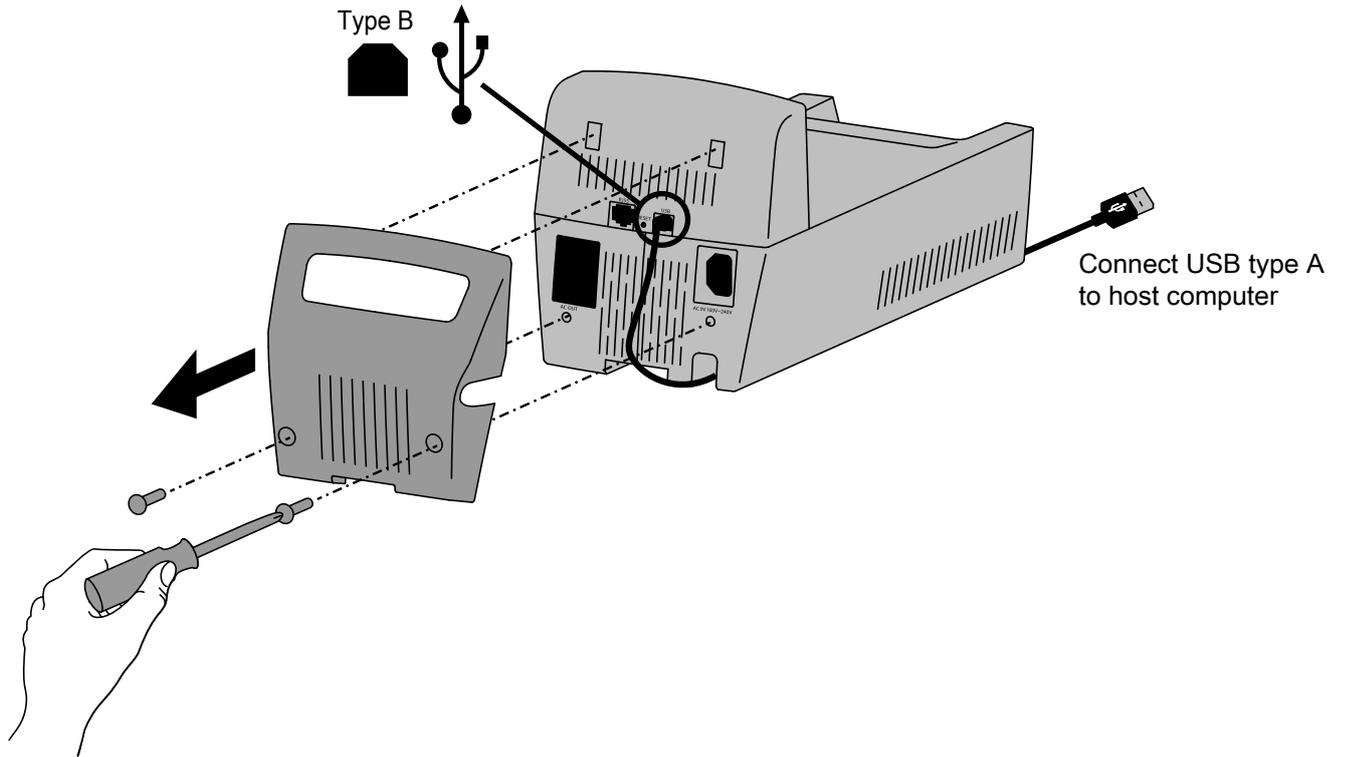
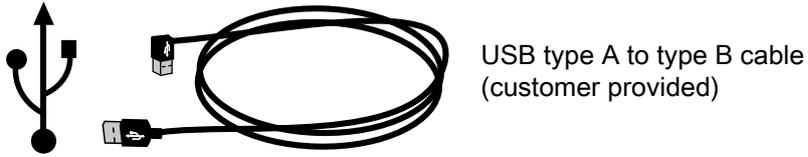


If the installation is not successful, please uninstall the LifeKinnex Software from Control Panel and follow the above Installation Steps accurately.

2 Connect Device to WiFi network

Connect LiFeKinnex device to the host computer via USB.

Locate the USB port on the bottom of the LiFeKinnex module. Note that it is underneath the cable management cover.

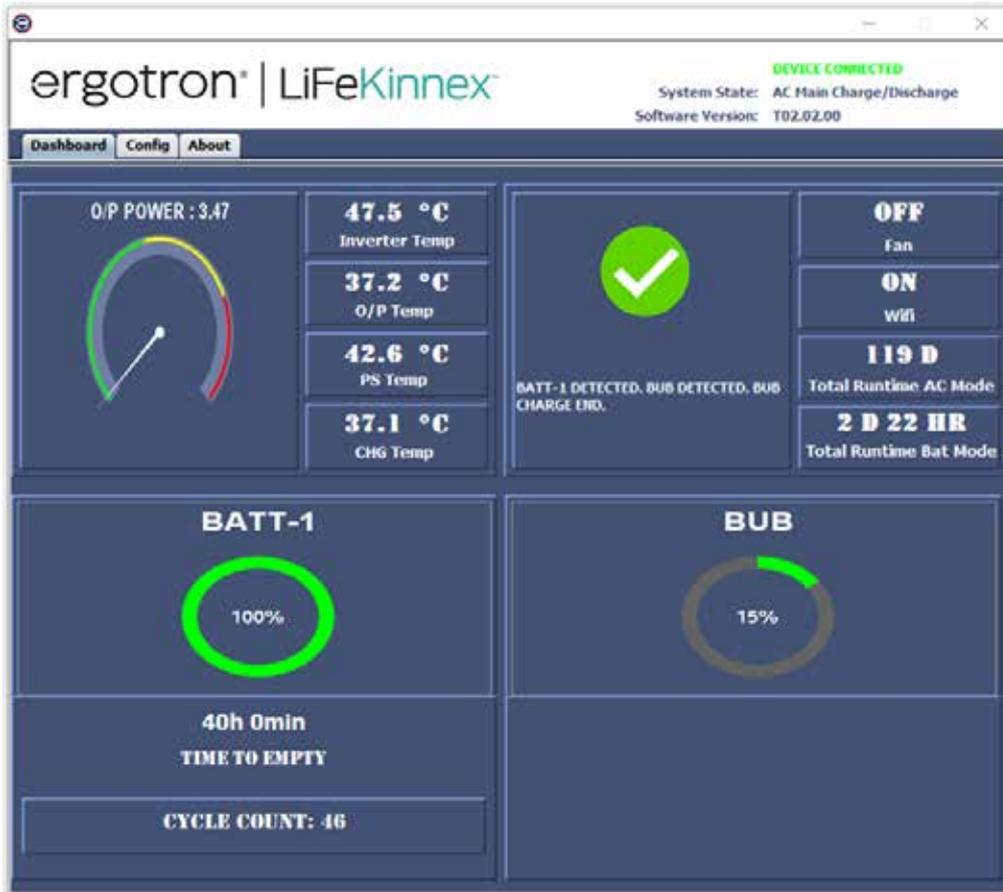


3 Configure via LiFeKinnex software application.

The connection status message will display in green on header as "DEVICE CONNECTED".



Dashboard Information



System State

DEVICE CONNECTED

System State: AC Main Charge/Discharge

Shows System State of the device as follows:

IDLE
AC MAINS DISCHARGE
AC MAINS CHARGE/DISCHARGE
DISCHARGE PRIMARY BATTERY
DISCHARGE BACK-UP BATTERY
DISCHARGE BUB TIMEOUT
SHUTDOWN



Power

Shows "Output power" when cart is connected
Shows "Input power" when charger is connected

When charger/Cart connected Displays

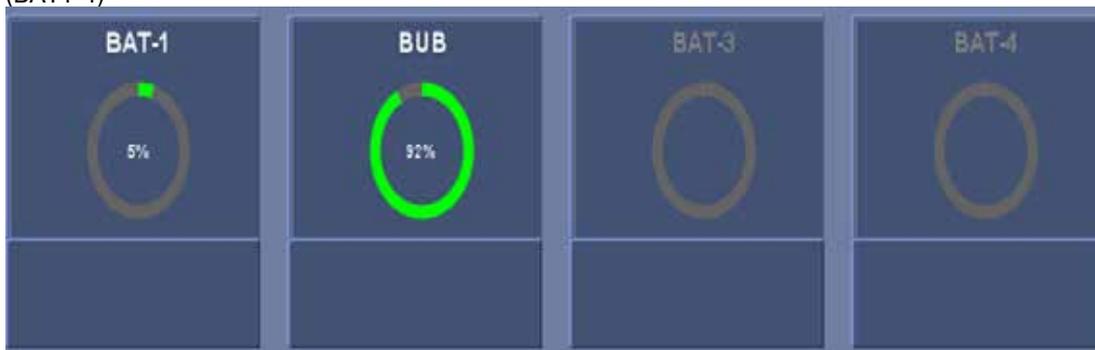
Inverter temp,
O/p Temp,
PS Temp,
CHG Temp,
Status of Fan (ON/OFF)
Status of Wifi (ON/OFF),
Total Runtime AC Mode (in mins) shows number of mins device in AC Mode.
Total Runtime Bat Mode (in mins) shows number of mins device in Bat Mode.

Errors are displayed on the Error Display Window, if error occurs it shows red Image with the error details and if there are no errors displays a Green image.



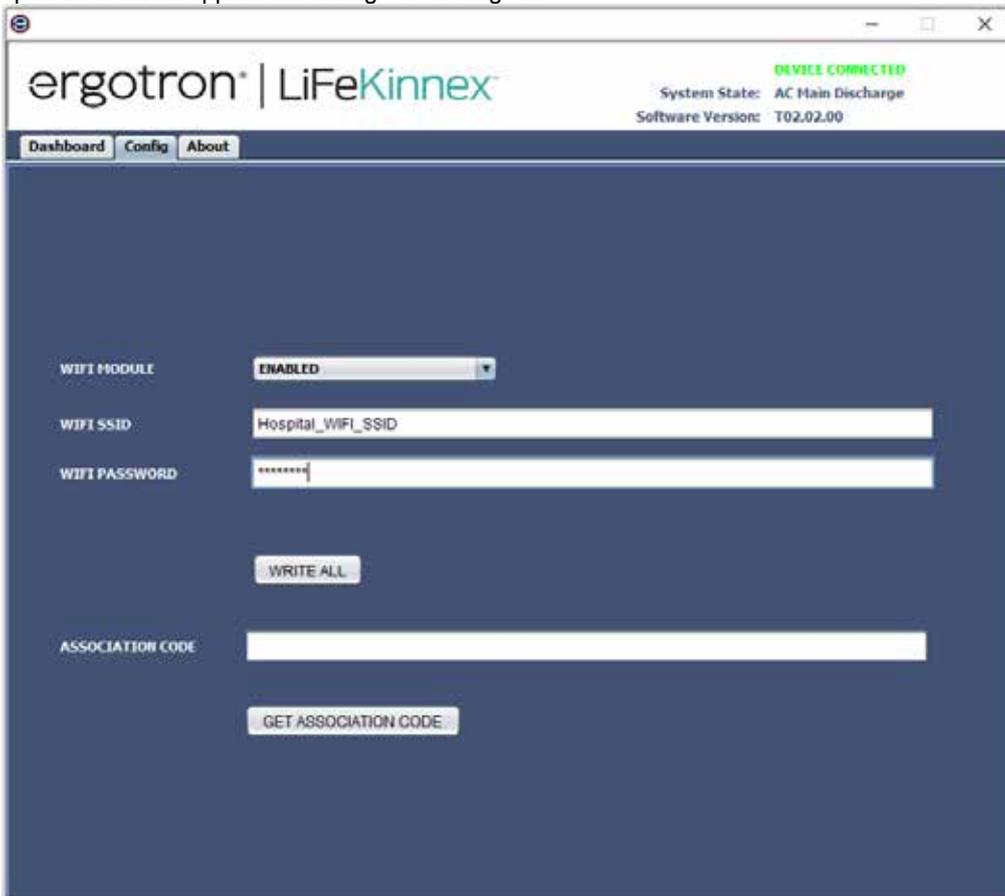
When cart is connected it shows the State of Charge of Battery 1 (BATT-1) and Backup Battery (BUB)

When charger is connected it shows the State of Charge of Battery 1 (BATT-1), Battery 2 (BATT-2), Battery 3 (BATT-3) and Battery 4 (BATT-4)



WIFI Configuration

Open LiFeKinnex application then go to “Config” tab



The screenshot shows the LiFeKinnex configuration interface. At the top, the header includes the "ergotron | LiFeKinnex" logo and system information: "DEVICE CONNECTED", "System State: AC Main Discharge", and "Software Version: T02.02.00". Below the header is a navigation bar with "Dashboard", "Config", and "About" tabs. The main content area is a dark blue panel with the following fields and buttons:

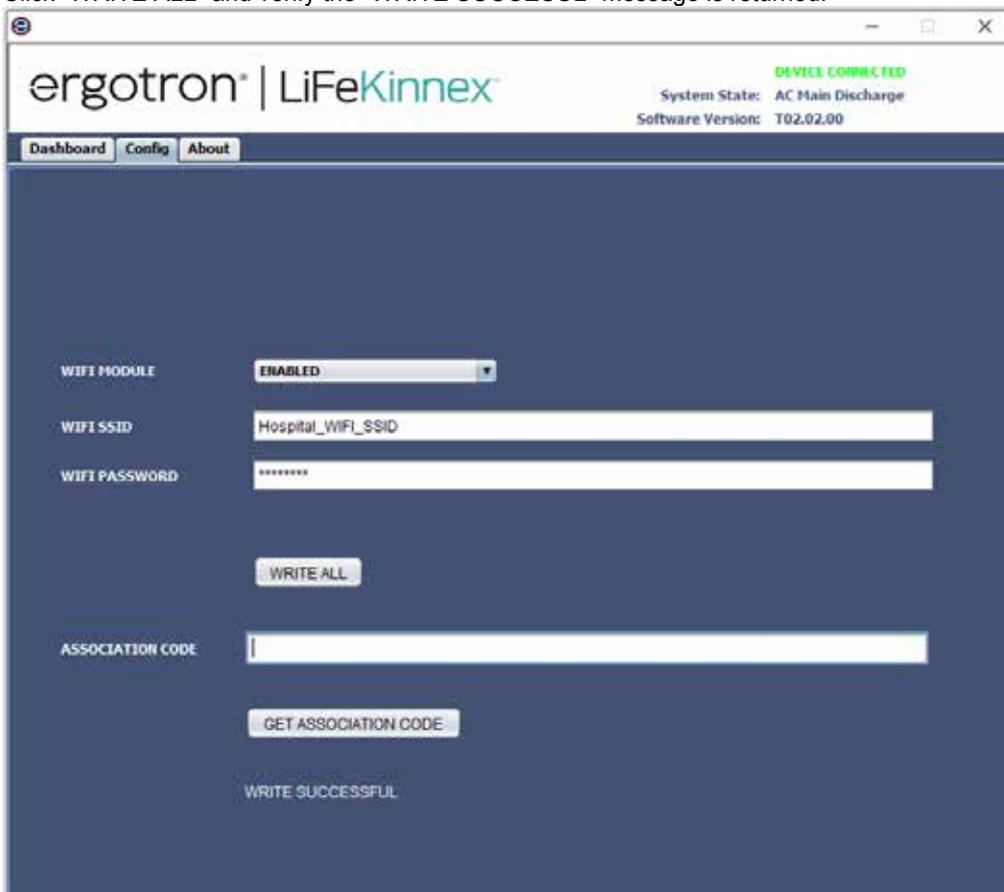
- WIFI MODULE:** A dropdown menu set to "ENABLED".
- WIFI SSID:** A text input field containing "Hospital_WIFI_SSID".
- WIFI PASSWORD:** A text input field with masked characters "*****".
- WRITE ALL:** A button located below the password field.
- ASSOCIATION CODE:** An empty text input field.
- GET ASSOCIATION CODE:** A button located below the association code field.

Set WIFI MODULE to “ENABLED”

Enter “WIFI SSID” of the network that the LifeKinnex device will be connected to.

Enter “WIFI PASSWORD” of the network

Click “WRITE ALL” and verify the “WRITE SUCSESUL” message is returned.

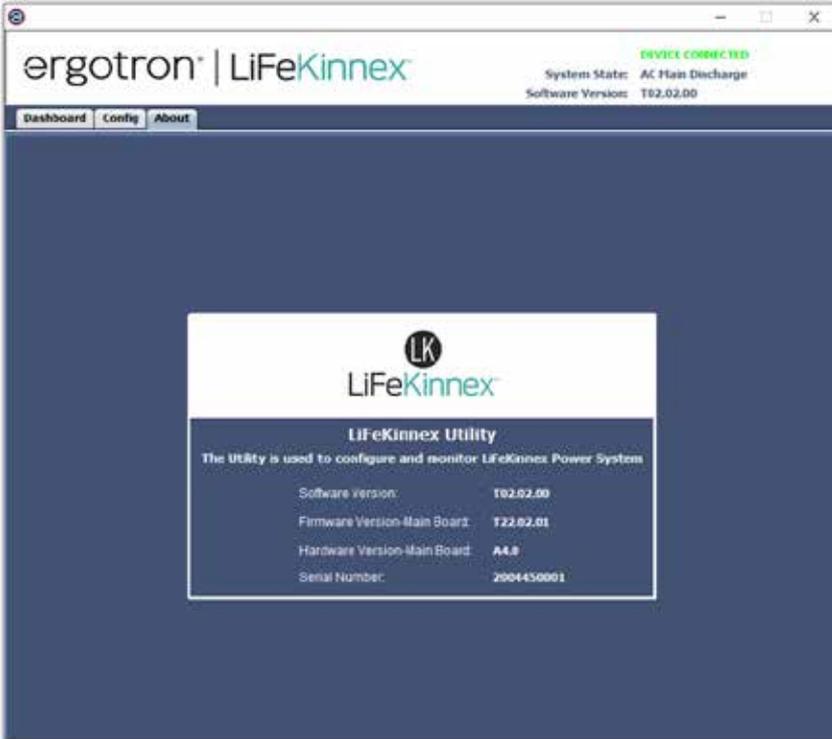


This screenshot shows the same LiFeKinnex configuration interface as the previous one, but with a confirmation message. The "WIFI MODULE" dropdown is still "ENABLED", and the "WIFI SSID" and "WIFI PASSWORD" fields remain filled. The "WRITE ALL" button is now disabled. The "ASSOCIATION CODE" field is still empty, and the "GET ASSOCIATION CODE" button is still visible. At the bottom of the configuration area, the message "WRITE SUCCESSFUL" is displayed in white text.

Click “GET ASSOCIATION CODE” to read the Association Code that will copied and pasted to the eKinnex website.

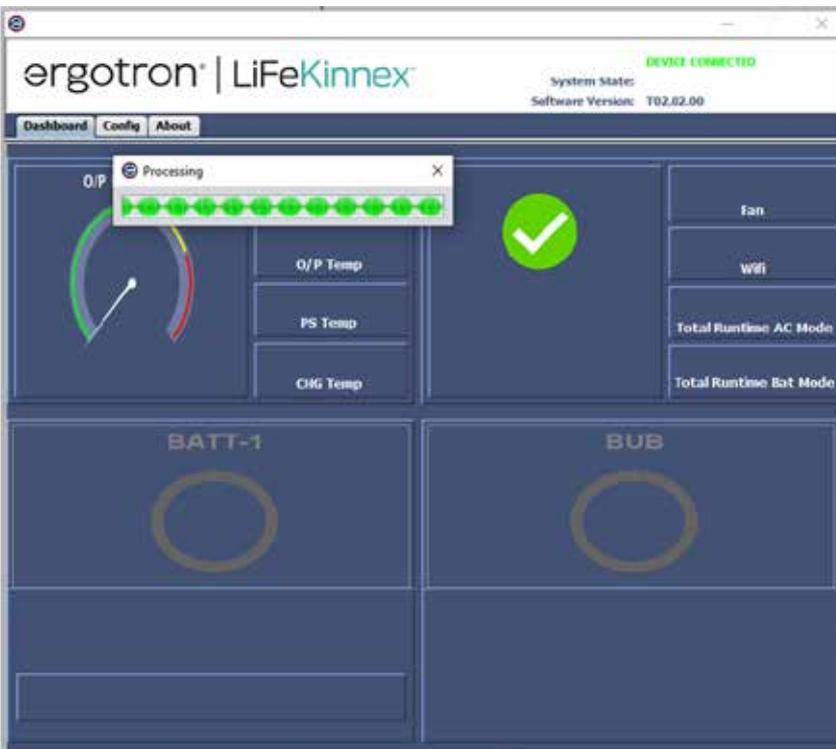
ABOUT

About contains Software Version Details, Serial Number, Hardware Version – Main Board and Firmware Version -Main Board. This are used to differentiate when there are any updates on Software, Hardware or Firmware.

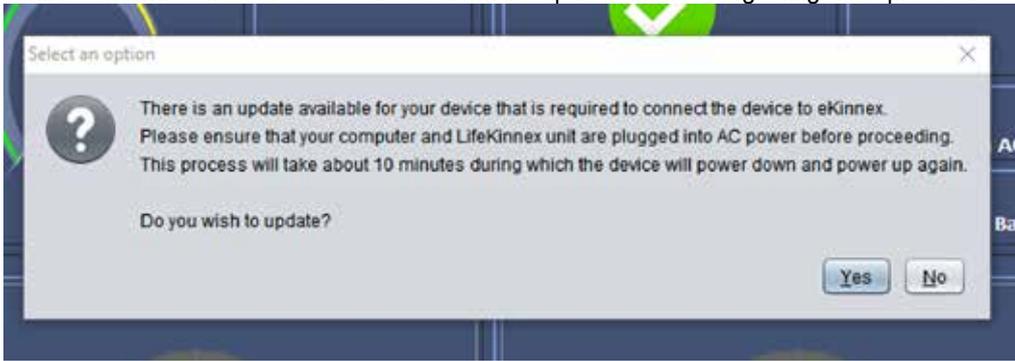


Google Transition and Firmware Upgrade

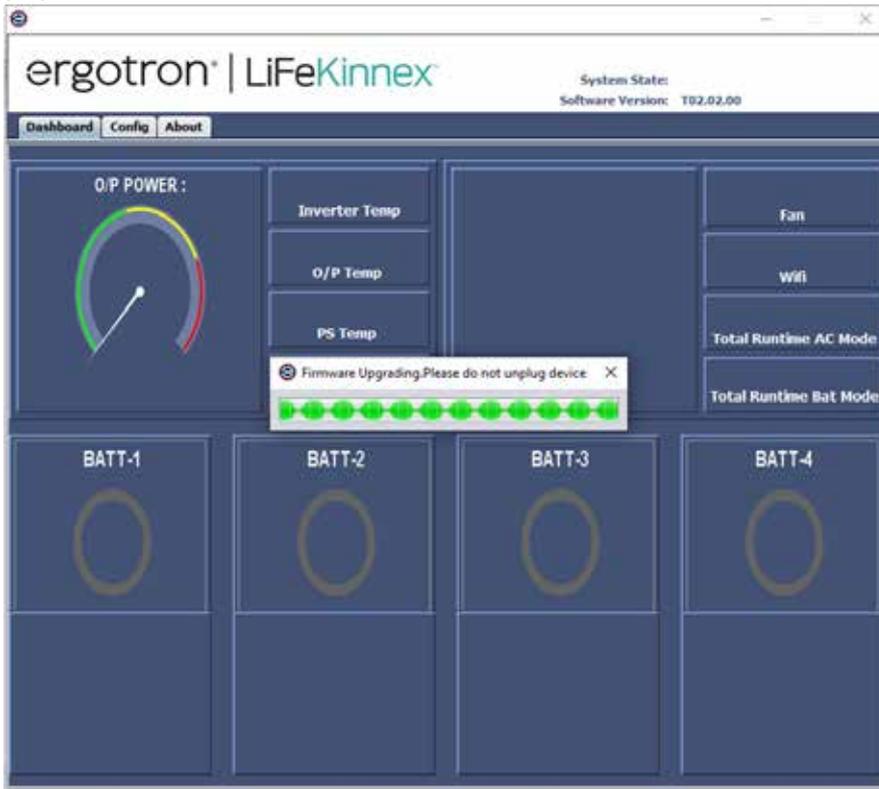
When the LiFeKinnex application is opened it will automatically check if the connected LiFeKinnex device has been migrated to the Google cloud platform and it will check for the latest firmware. The "Processing" window will be shown during this time.



If the device has not been migrated to the Google cloud platform, or if there is a firmware update available, the below popup window shall be shown. Select "Yes" to start the firmware update and/or Google migration process.

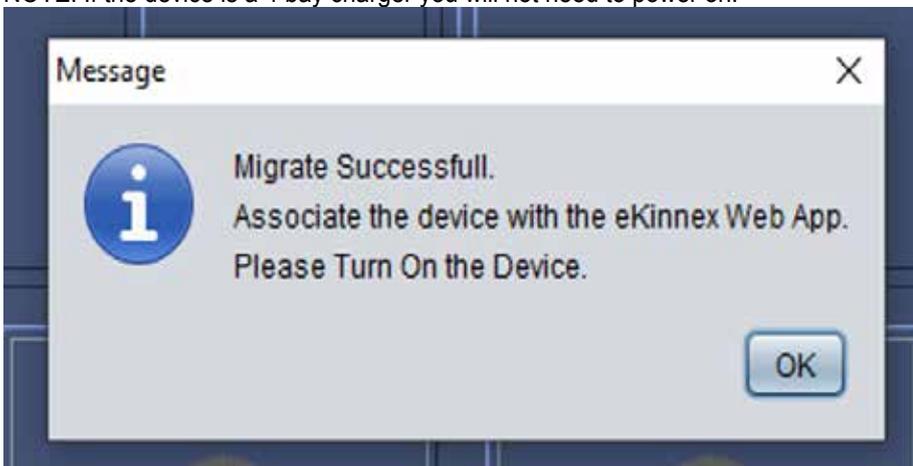


When user selects Yes for above message this window will be shown. Do not power down or unplug the device from USB during this time.



Once the process has successfully completed a confirmation message shall be shown such as the below. Power on the device and add it to the eKinnex website.

NOTE: If the device is a 4 bay charger you will not need to power on.



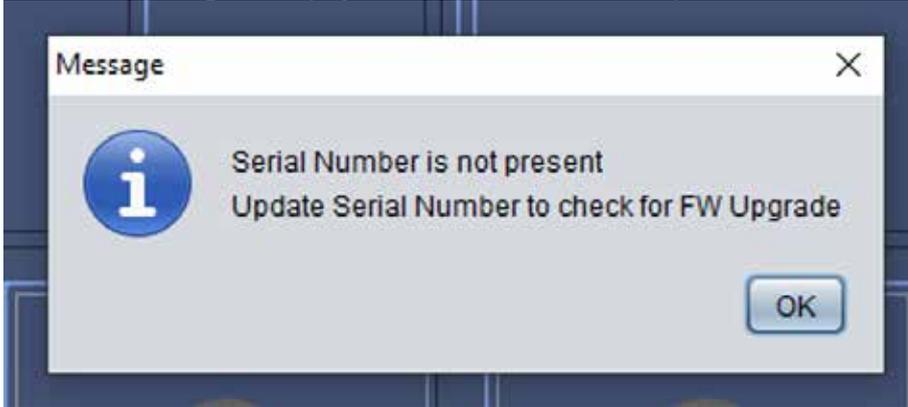
Note:
Differentiate between Inventek and ST wifi module is done by reading SYSTEM REVISION in EEPROM memory starting at 0x0240.

System revision	Description
A1	S2 main board 4.0 and below + ST wifi board
A1.5	S2 main board 4.1 + ST wifi board
A2	S2 main board 4.1 + Inventek wifi board

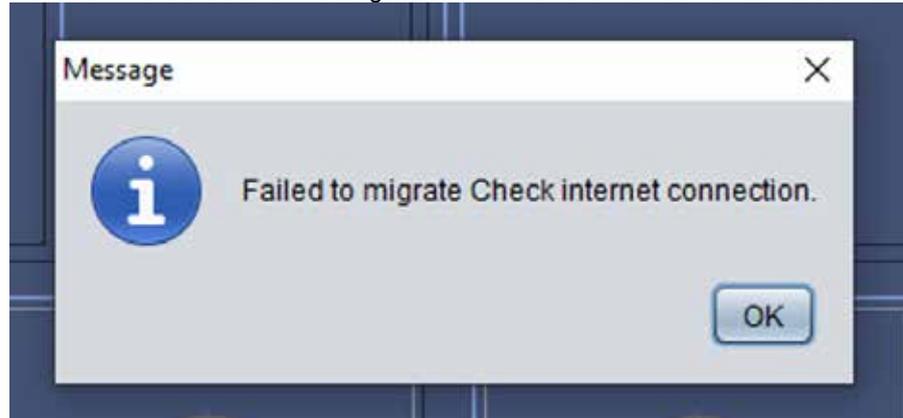
Note: Switching of wifi modules after migration will not work.

Error Messages

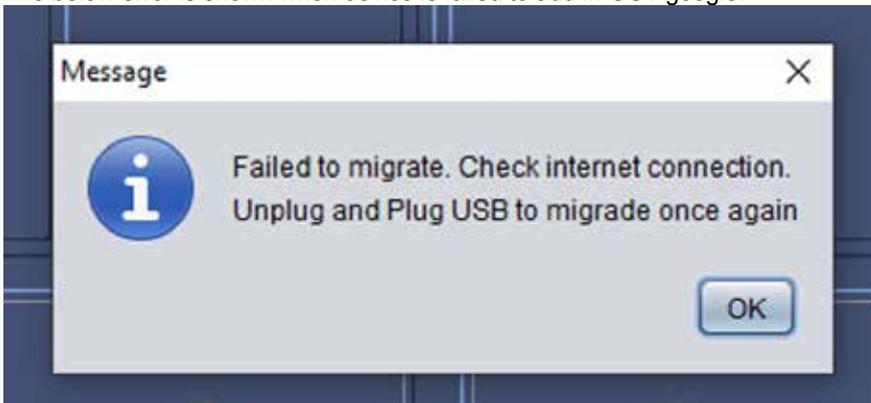
Below error message will display when the device Serial is not present.



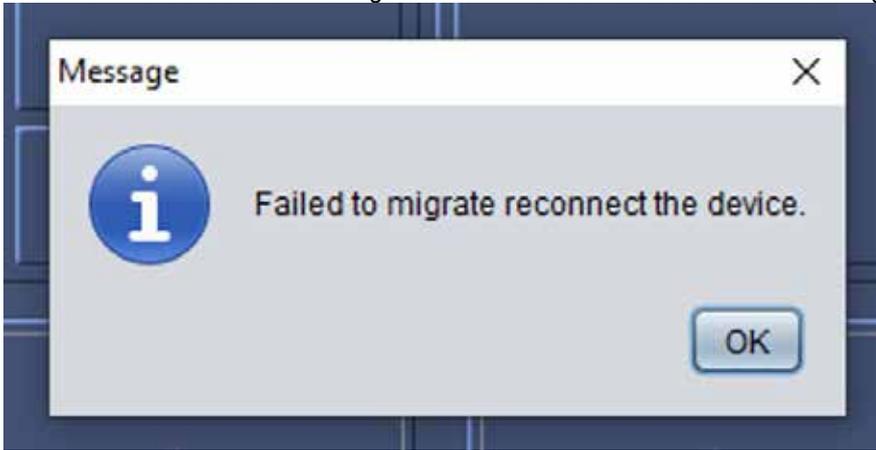
The below mentioned error message is shown when the PC has no internet connection.



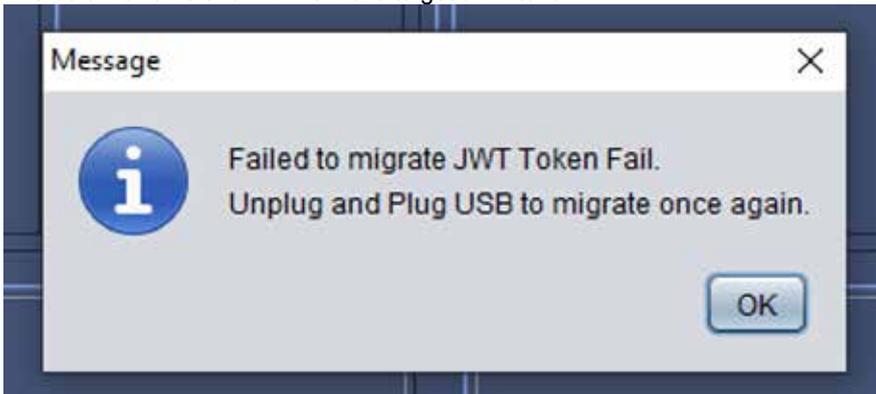
The below error is shown when device is failed to add in GCT google.



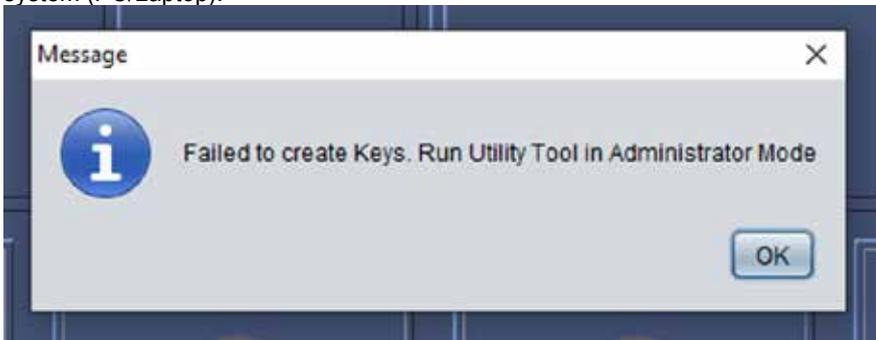
The below mentioned error message is shown when device is disconnected during migration.



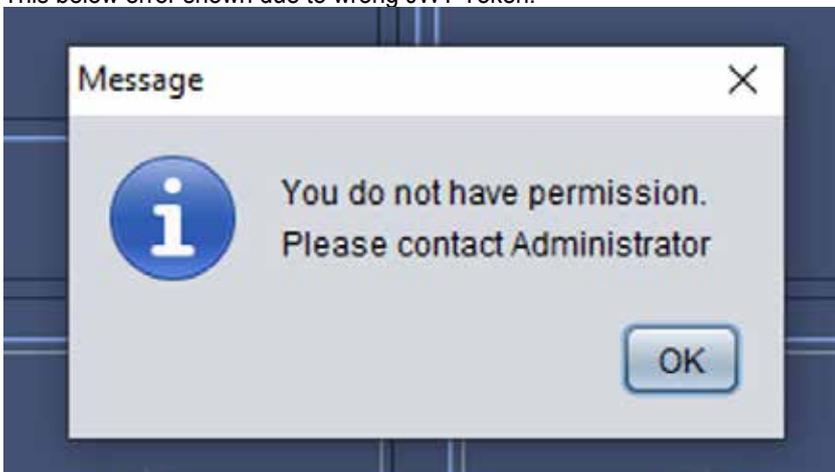
The below error is shown when fails to get JWT token.



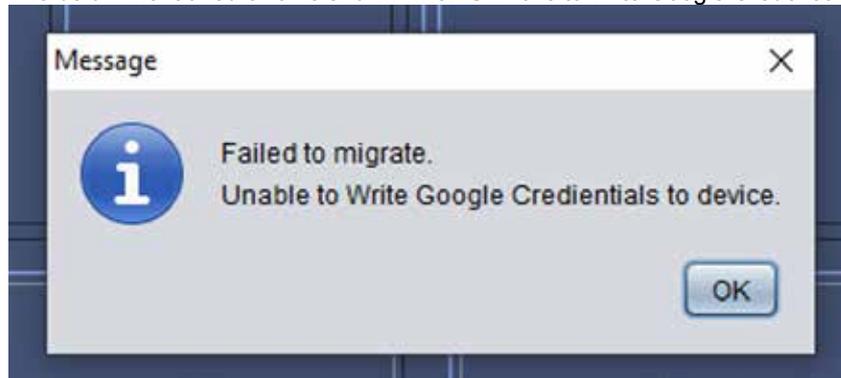
This below error is shown when SW is not able to create public and private keys in the system due to administration restriction of system (PC/Laptop).



This below error shown due to wrong JWT Token.



The below mentioned error is shown when SW fails to write Google Credentials data to the device.



ergotron®

For Warranty visit: www.ergotron.com/warranty

For Service visit: www.ergotron.com

For local customer care phone numbers visit: <http://contact.ergotron.com>

www.ergotron.com | USA: 1-800-888-8458 | Europe: +31 (0)33-45 45 600 | China: 400-120-3051 | Japan: japansupport@ergotron.com

© 2018 Ergotron, Inc. All rights reserved. Manufactured for Ergotron by Green Cubes Technology www.greencubestech.com.

LiFeKinnex™ is a registered trademark of Ergotron, Inc.

While Ergotron, Inc. makes every effort to provide accurate and complete information on the installation and use of its products, it will not be held liable for any editorial errors or omissions (including those made in the process of translation from English to another language), or for incidental, special or consequential damages of any nature resulting from furnishing this instruction and performance of equipment in connection with this instruction. Ergotron, Inc. reserves the right to make changes in the product design and/or product documentation without notification to its users. For the most current product information, or to know if this document is available in languages other than those herein, please contact Ergotron. No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise without the prior written consent of Ergotron, Inc., 1181 Trapp Road, Eagan, Minnesota, 55121, USA Patents Pending and Patented U.S. & Foreign. Ergotron is a registered trademark of Ergotron, Inc.