KMC Connect Lite

Mobile App User Guide

(for Apple and Android Phones)
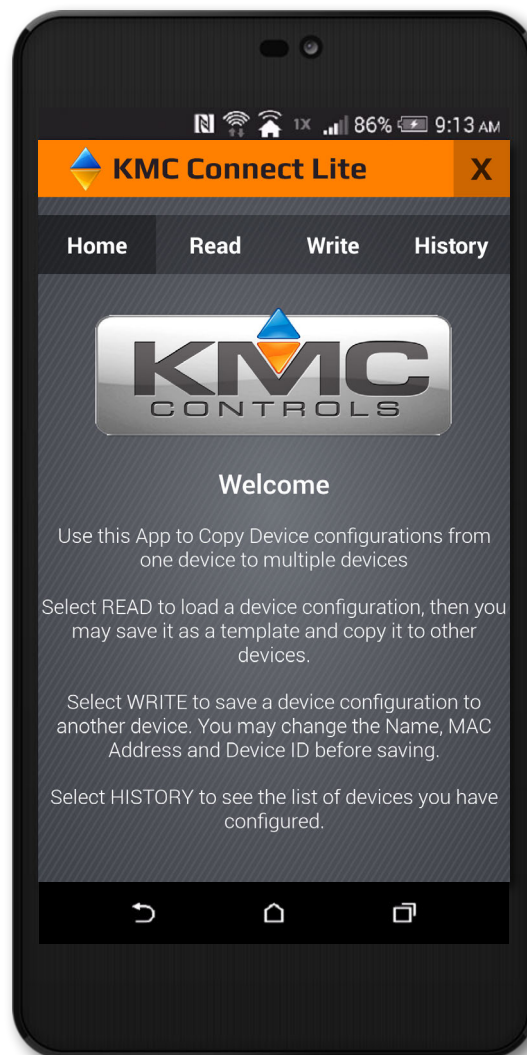
Contents

Important Notices

KMC Controls, Inc.

19476 Industrial Drive

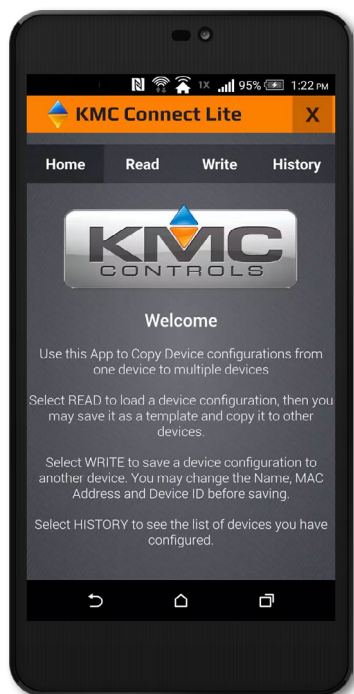New Paris, IN 46553

U.S.A.

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Support

Additional resources for installation, configuration, application, operation, programming, upgrading, and much more are available on the web at **www.kmccontrols.com**. To see all available files, log-in to the KMC Partners site.

About KMC Connect Lite

The KMC Connect Lite mobile app provides fast configuration of KMC Conquest controllers using **Near Field Communication (NFC)**. With KMC Connect Lite, users can:

- Read, modify, and write data directly from and to an unpowered NFC-enabled KMC Conquest controller still in the box.

- View previously read device information/history.

- Email the read/write history stored on the mobile device.

- Create templates for specific application deployment.

NOTE: Screens may vary from those in this document, depending on the device. Follow the instructions that pertain to your (Android/Apple) device.

Configurable KMC Conquest Hardware

The following KMC Conquest controllers are configurable using KMC Connect Lite.

- **BAC-5900 Series BACnet General Purpose Controllers**

- **BAC-9000 Series BACnet VAV Controller-Actuators**

- **BAC-9300 Series BACnet Unitary Controllers**

The **N-Mark** ① designates the location of the NFC board in a KMC Conquest controller.

BAC-5900 Series
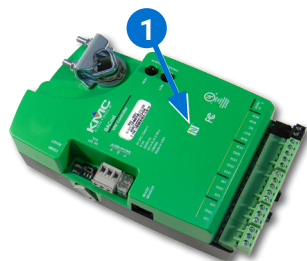
BAC-9000 Series

BAC-9300 Series

Device Requirements

The KMC Connect Lite mobile app can be used with Android and Apple devices meeting the following requirements.

Android

- Android phone with NFC and OS 4.0 and up installed

- Android tablet with NFC and Android KitKat 4.4 and up installed

NOTE: In some devices, the NFC antenna is located on the battery. Verify an Original Equipment Manufacturer's battery indicating Near Field Communication ② is installed.

NOTE: Android devices that do not have built-in NFC but support BLE (Bluetooth Low Energy) can use the HPO-9003 NFC Bluetooth/USB module (fob).

Apple

- iPhone 4s or later

- iPad (3rd generation) or later

- iPad mini or later

- iPod touch (5th generation) or later

NOTE: Apple devices do not have built-in NFC. Use the HPO-9003 NFC Bluetooth/USB module (fob) with them.

Accessory: HPO-9003 (NFC-Bluetooth Fob)

An **HPO-9003 NFC-Bluetooth/USB Module (fob)** ③ is required when using KMC Connect Lite Mobile with an Apple device or an Android device without built-in NFC. **The device must support BLE (Bluetooth Low Energy)**. The HPO-9003 includes a USB cable for charging.

NOTE: See the **KMC Connect Lite Data Sheet** for HPO-9003 information and specifications.

Mobile App Download and Installation

Android

Complete the following steps to download the KMC Connect Lite mobile app for Android. (See below for Apple.)

1. Navigate to **Google Play** 4 on your device.

2. Search for **KMC Connect Lite**.

3. Install the app following the installation procedures of the mobile device.

4. Activate the app. See **Mobile App Activation on page 6**.

Apple

Complete the following steps to download the KMC Connect Lite Mobile App for Apple. (See above for Android.)

1. Navigate to the **App Store** 5 from an Apple device.

2. Search for **KMC Connect Lite**.

3. Install the app following the installation procedures of the mobile device.

NOTE: If KMC Connect Lite is downloaded to a computer, the mobile device must be synced with iTunes to install.

4. Activate the app. See **Mobile App Activation on page 6**.

Mobile App Activation

NOTE: Activation is required before the KMC Connect Lite mobile app can be used.

1. Log in to the KMC Control Partner Portal (**partners.kmccontrols.com**).

2. Search for and add Part Number **CONNECT-LITE-MOBILE** to your cart.

3. Complete your purchase and the information to activate the app will be emailed to you.

4. Open the app (by touching the KMC Connect Lite **app icon** 11 13).

5. Input the information **6** .

6. Touch **Activate** **7** .

Enter your purchase order details below:

Unique ID : **6**

PO No : **6**

SO No : **6**

Friendly Name : **6**

7 Activate

7. After activation, perform one of the following options:

    • Enable built-in NFC (most Android devices). See **Getting Started: NFC and Android on page 7**.
    • Enable Bluetooth and pair the device to an HPO-9003 fob (all Apple and a few Android devices). See **Getting Started: Bluetooth w/ Apple (& Android) on page 10**.

Getting Started: NFC and Android

Android: Enable NFC

Complete the following steps to enable NFC on an Android device. (For Apple, see **Enable Bluetooth and Pair HPO-9003 Fob on page 10** instead.)

1. Confirm your Android device has NFC and meets the minimum requirements for Connect Lite. See **Device Requirements on page 4**.

NOTE: **Android devices that do not have built-in NFC** but support BLE (Bluetooth Low Energy) can use the HPO-9003 NFC Bluetooth/USB module (fob). See **Getting Started: Bluetooth w/ Apple (& Android) on page 10** instead.

NOTE: See the device specifications for detailed phone capabilities.

NOTE: In some devices the NFC antenna is located on the battery. If NFC does not work on your phone, verify an Original Equipment Manufacturers battery indicating Near Field Communication is installed. See **Device Requirements on page 4**.

NOTE: There are a different ways to locate the NFC settings in android devices. If Steps 2–3 do not work, complete Steps 4–5.

2. Using two fingers, pull down from the top of your screen, and look for the **N-Mark** 8 .

3. Touch the **N-Mark** 8 to enable NFC.
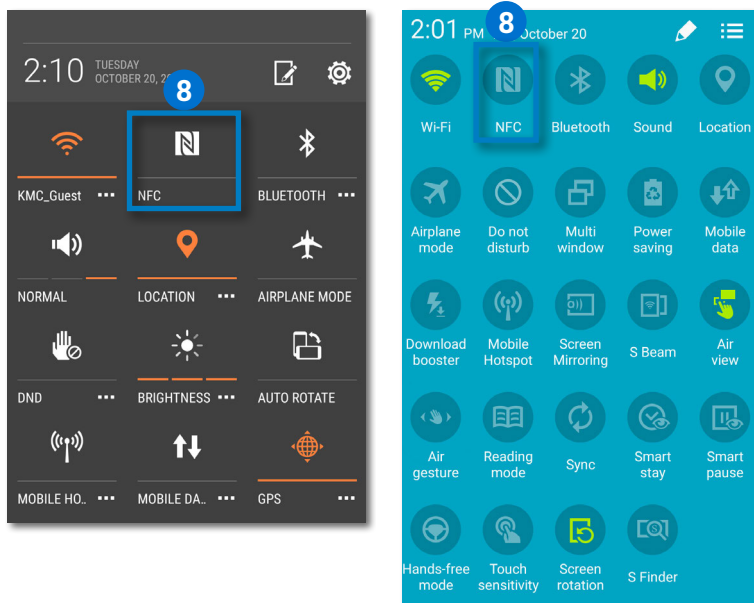
NOTE: When NFC is enabled, the N-Mark 9 displays at the top of the screen. If it is displayed, continue on to **Screen Navigation on page 13**.
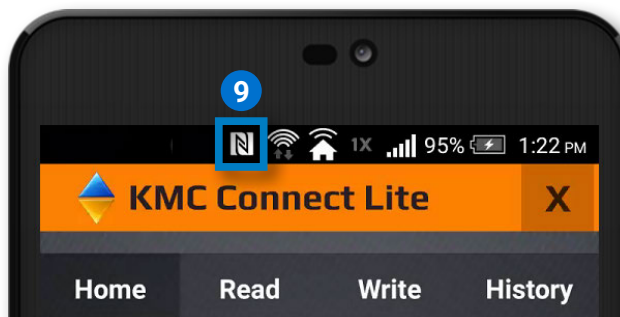
NOTE: If steps 2–3 did not work, complete steps 4–5.

4. Locate and touch the **Settings Icon** 10 .

5. Look for **More** or the NFC N Mark.

6. Touch the OFF/ON indicator to turn on NFC.

NOTE: When NFC is enabled, the N-Mark 9 displays at the top of the screen. When it is displayed, continue on to **Screen Navigation on page 13**.

Android: Open KMC Connect Lite

Complete the following steps to open KMC Connect Lite.

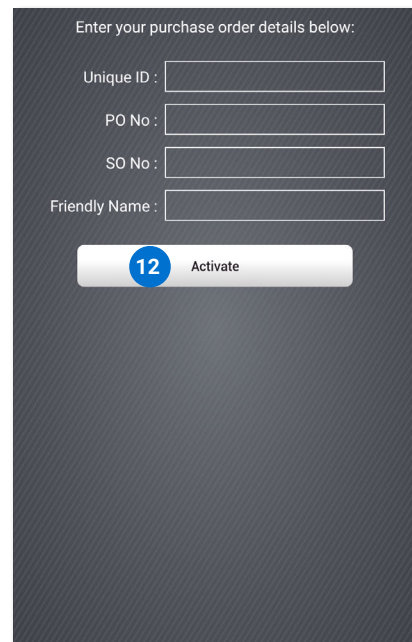1. Verify the KMC Connect Lite app is installed on the Android device and other NFC apps are closed.

NOTE: See **Mobile App Download and Installation on page 6** to install KMC Connect Lite.

2. Touch the KMC Connect Lite **app icon 11**.

**KMC Connect
Lite**

3. The **Activate 12** screen displays the first time KMC Connect Lite is opened.

NOTE: See **Mobile App Activation on page 6** to activate the app. After activation, this screen will not display again.

4. To begin configuring Conquest controllers using KMC Connect Lite Mobile, see **Screen Navigation on page 13**.

Apple: Open KMC Connect Lite

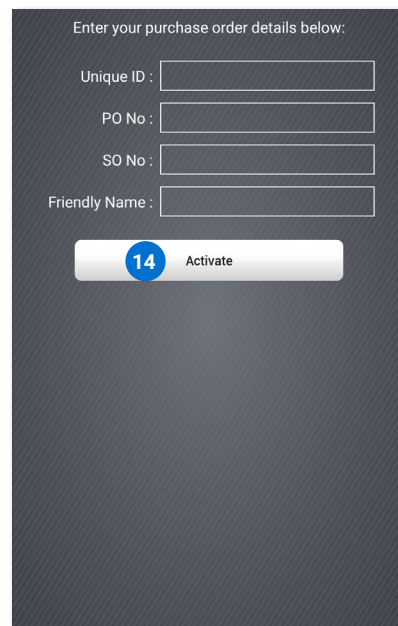1. Verify KMC Connect Lite Mobile is installed on the Apple device.

NOTE: See **Mobile App Download and Installation on page 6** to install KMC Connect Lite.

2. Touch the KMC Connect Lite **app icon** **13** on the Apple device.

KMC Conn...

3. The **Activate** **14** screen displays the first time KMC Connect Lite is opened.

NOTE: See **Mobile App Activation on page 6** to activate the app. After activation, this screen will not display again.

Enter your purchase order details below:

Unique ID :

PO No :

SO No :

Friendly Name :

14 Activate

4. After activation, close the app. See **Exit KMC Connect Lite on page 14**.

5. Enable Bluetooth and pair the HPO-9003 fob. See **Enable Bluetooth and Pair HPO-9003 Fob on page 10**.

## Enable Bluetooth and Pair HPO-9003 Fob

Complete the following steps to enable Bluetooth, connect/pair an HPO-9003 NFC-Bluetooth fob, and open KMC Connect Lite.

NOTE: An **Apple iPhone** 5 with OS version 8.3 **was used in this procedure.** The steps are similar for other compatible Apple devices. **If using an Android that is not NFC-enabled, follow these steps with the analogous Android settings.**

1. If the KMC Connect Lite app is still open, close it. See **Exit KMC Connect Lite on page 14**.

2. Touch the **Settings Icon** 18 .

3. Touch **Bluetooth** 19 .
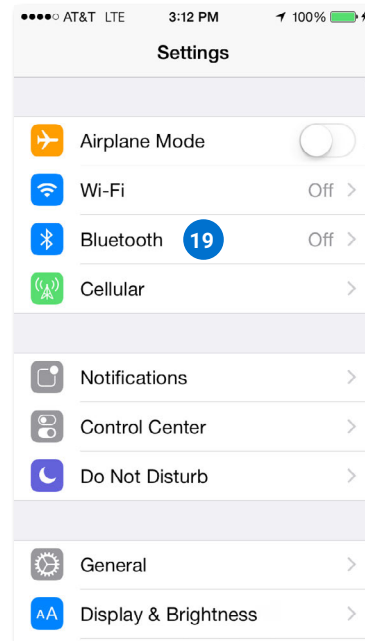
4. Touch the **white switch** 20 .

NOTE: The switch 20 turns green when Bluetooth is enabled.

NOTE: Complete the following steps to connect/pair an NFC-Bluetooth fob via Bluetooth to a device for the first time.

5. Press the **Target button** (21) to turn on the NFC-Bluetooth fob.

NOTE: The NFC-Bluetooth fob will make a two-tone sound and the blue communication **indicator** (22) will light.

NOTE: After five minutes of inactivity, the fob will time-out and the indicator will turn off.

6. Open the KMC Connect Lite app, and touch the NFC-Bluetooth fob name (23) under Paired Bluetooth Devices. (For Android, you may need to pair it in Settings (24) first.)

NOTE: Be sure to touch **inside** the HPO-9003 box on the screen. Touching outside the box may close the screen without making the pairing.
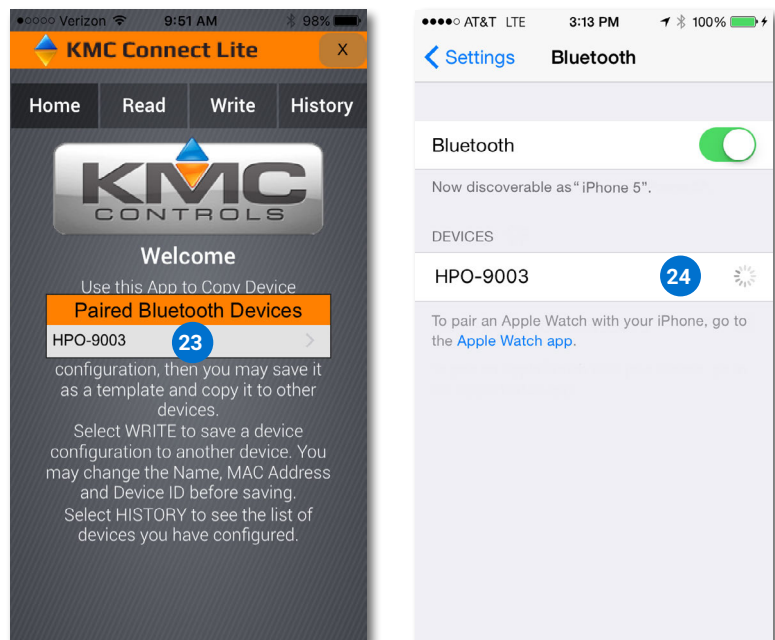
7. On the **Alert: Device connected** box, touch **OK** (25).

NOTE: If the **Alert: Device connected** box does not appear, close the app, ensure Bluetooth is enabled, and repeat Steps 1 through 3.

NOTE: Once connected/paired, the NFC-Bluetooth fob is listed under MY DEVICES **26** in Settings and is now ready to configure a KMC Conquest controller. See **Screen Navigation on page 13**.
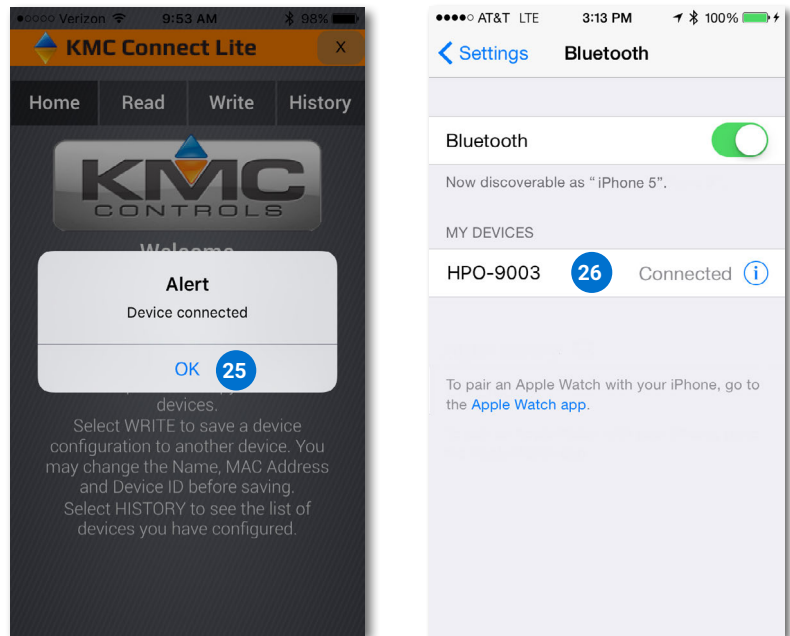
NOTE: If the fob does not appear, verify the blue indicator light on the fob is ON and Bluetooth is enabled on the Apple device.

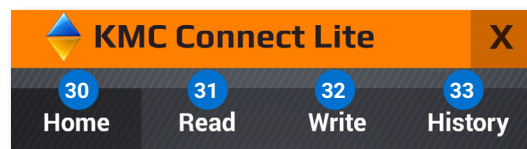**NOTE:** If the fob time-outs after five minutes of inactivity, close the app and repeat the pairing process.

Screen Navigation

Navigation Bar

NOTE: Screen navigation is the same for Android and Apple devices.

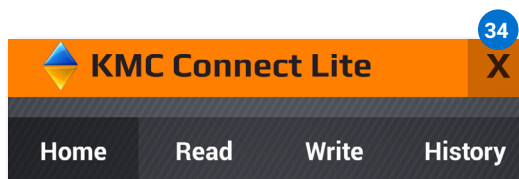The **Navigation bar** at the top of the screen stays the same on every page.

1. Touch **Home** **30**, **Read** **31**, **Write** **32**, or **History** **33** to navigate to that screen.
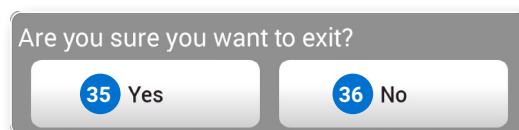
Exit KMC Connect Lite

Complete the following steps from any screen to exit KMC Connect Lite.

1. Touch **X** 34 .

2. Touch **Yes** 35 to exit the app or touch **No** 36 to continue using the app.

Home Screen

The **Home** screen or Welcome screen displays when KMC Connect Lite is launched. The **Home** screen describes how to use the app.

Read Screen

Read from Device

A **READ FROM DEVICE** displays the configuration settings of a KMC Conquest controller. Complete the following steps to read from a KMC Conquest controller.
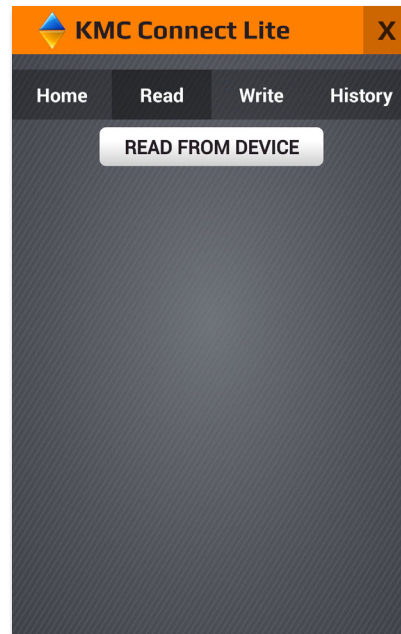
1. Disconnect the Conquest controller from power.

NOTE: The Conquest controller must be unpowered before performing a **READ FROM DEVICE** or a **WRITE TO DEVICE**. The READ or Write could be corrupted due to interference between NFC and 24 VAC/VDC.

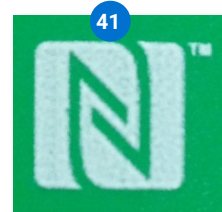2. Touch **Read** 40.

NOTE: The Read screen is blank until a **READ FROM DEVICE** is performed. See **Read from Device on page 15**.

3. Locate the **N Mark** 40 on an unopened Conquest product box or the **N Mark** 41 on the Conquest controller.

4. Place an NFC enabled Android device or paired NFC-Bluetooth fob over the N Mark on the **unopened box** 42 or on the N Mark on the **unpowered Conquest controller** 43.

5. On the NFC-Bluetooth fob, verify the **blue indicator light** 44 is ON.

NOTE: The Android device makes a sound when the NFC board of the controller is within readable range, which is up to 1½ inches (4 cm).

NOTE: The NFC-Bluetooth fob does not make a sound to indicate it is in readable range of the NFC tag of a controller.

NOTE: Do not move the phone or fob until the controller information is displayed on the device screen.

NOTE: **Choose an action** 45 displays at the bottom of the screen if there is more than one app installed on the device that uses NFC.

6. Touch the KMC Connect Lite **app icon** 46.
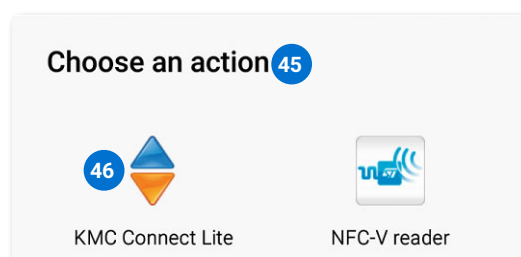
NOTE: If KMC Connect Lite is the only NFC app on your device, Choose an action does not display and KMC Connect Lite opens to the Home/Welcome screen.

NOTE: The Conquest controller must be unpowered before performing a **READ FROM DEVICE**. The READ could be corrupted due to interference between NFC and 24 VAC/VDC. Disconnect the controller from power if necessary.

7. Touch **READ FROM DEVICE** 47 .

NOTE: **A READ FROM DEVICE** operation can take half a minute or more. If it takes significantly longer or an error message appears, check that the blue light on the fob is on (if a fob is used) and that the fob or phone are correctly positioned.

NOTE: The Enter Password screen displays the first time you perform a **READ FROM DEVICE** from a controller since the app was opened.

8. Type in the Level 2 Password 48 .

NOTE: See **PASSWORDS on page 33** and the **Conquest Controllers Default Password Technical Bulletin.** For security purposes, change the controller's default password.
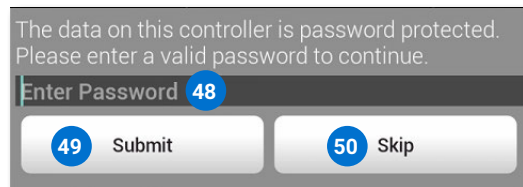
9. Touch **Submit** 49 .

NOTE: If you touch **Skip** 50 , you will be able to see the controller settings, but you will not be able to complete a **WRITE TO DEVICE**.

NOTE: The **INFORMATION** 51 and **COMMUNICATIONS** 52 sections are displayed expanded.

KMC Connect Lite

Home | Read | Write | History

READ FROM DEVICE

51 INFORMATION −

Device Name : BAC-9001_10
Device ID : 210
Description : Conquest Controller
Location : KMC Controls: New Paris, IN
Firmware : ConquestCONTROL E0.1.0.19 built 14:08:54 Sep 30 2015

52 COMMUNICATIONS −

MAC Addr : 10
Baud Rate : 38400
Max Master : 127

PASSWORDS +
APPLICATION +
FACTORY +

MODIFY & WRITE | SAVE AS TEMPLATE

10. Scroll down to view the PASSWORDS, APPLICATIONS, and FACTORY sections.

NOTE: See **Conquest Controller Settings on page 29** for a description of the contents listed under each section.

11. Touch ✚ **53** on to expand the section.

12. Touch ━ **54** to the collapse a section.

KMC Connect Lite

Home | Read | Write | History

READ FROM DEVICE

INFORMATION −

Device Name : BAC-9001_10
Device ID : 210
Description : Conquest Controller
Location : KMC Controls: New Paris, IN
Firmware : ConquestCONTROL E0.1.0.19 built 14:08:54 Sep 30 2015

COMMUNICATIONS **54** −

MAC Addr : 10
Baud Rate : 38400
Max Master : 127

PASSWORDS **53** +
APPLICATION +
FACTORY +

MODIFY & WRITE | SAVE AS TEMPLATE

13. Scroll up and down to view the controller settings.

NOTE: If you navigate to another screen and then touch **Read**, the last **READ FROM DEVICE** displays.
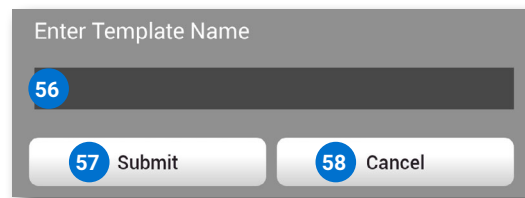
Save as Template

Select **SAVE AS TEMPLATE** to create a model-specific template to write the same settings to multiple KMC Conquest controllers.

1. Touch **SAVE AS TEMPLATE** 55 .

2. Enter the Template Name 56 .

NOTE: The Template name can be a maximum length of 20 characters. It can include any combination of alphanumeric, upper and lowercase, and special characters.

3. Touch **Submit** 57 to save the template or touch **Cancel** 58 to continue without saving.

NOTE: Saved templates are loaded from the **Write** screen. See **Load Template on page 21**.

Write Screen

The **Write** screen is used to change/modify and write the configuration settings of a KMC Conquest controller.

Write/Modify & Write

Select **Write** or **MODIFY & WRITE** to write controller configuration settings to a KMC Conquest controller.

1. From the **Read** screen touch **Write** 59 or **MODIFY & WRITE** 60 .

NOTE: The information displayed on the Write screen is that of the last Read performed. See **Read from Device on page 15** to read new configuration information.

2. Touch the box **61** to the left of the section to be changed/modified.

NOTE: Changes cannot be made unless the box to the left of the section is checked.

3. Touch a field **62** to change/modify and input the new information.

4. Enter the new information.

5. Complete steps 2 through 4 above to change/modify the parameters in other sections.

NOTE: Additional configuration options are to load a saved template or use the increment function. See **Load Template on page 21**and **Increment on page 22**.

6. To write the new information to a controller, refer to **Write to Device on page 23**.

Load Template

Select **LOAD TEMPLATE** to use a saved model-specific template to write configuration settings to a KMC Conquest controller.

NOTE: If you are configuring multiple BAC-9001CE VAV controllers and you want to use a template you had already created, then you need to complete a **READ FROM DEVICE** on an unpowered BAC-9001CE controller.

NOTE: See **Save as Template on page 19** to create a model-specific template.

7. Complete a **READ FROM DEVICE**.

NOTE: The Conquest controller must be unpowered before performing a **READ FROM DEVICE**. The READ could be corrupted due to interference between NFC and 24 VAC/VDC. See **Read from Device on page 15**.

8. From the **Write** screen touch **LOAD TEMPLATE** (63).

9. Touch the name of the template (64) to load.

NOTE: The selected template is highlighted in orange.

10. Touch **Load** (65) to load the saved template or touch **Cancel** (66) to return to the Write screen.
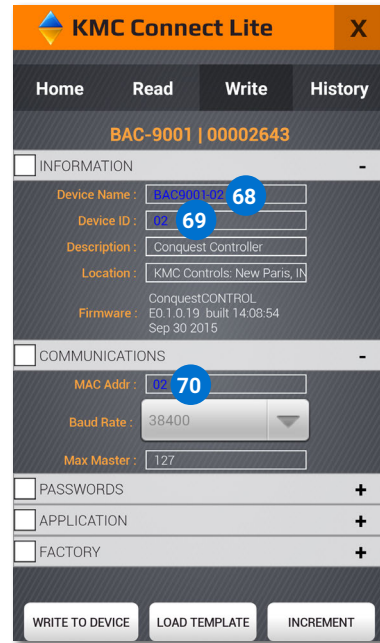

NOTE: To modify additional fields, refer to **Write/Modify & Write on page 20**.

Increment

Select **INCREMENT** to change the value of the **Device Name**, the **Device ID**, and the **MAC address** fields to quickly configure multiple KMC Conquest controllers.

1. Touch **INCREMENT** (67).

NOTE: **INCREMENT** changes the **Device Name** (68) and **Device ID** (69) fields for MS/TP Conquest controllers and changes the **Device Name**, **Device ID**, and **MAC Addr** (70) fields for Ethernet Conquest controllers.

NOTE: The **Device Name**, the **Device ID**, and the **MAC Addr** fields change color and increment by one as long as the field ends in a number.

NOTE: After an **INCREMENT** is completed a **WRITE TO DEVICE** is required before another **INCREMENT** can be performed. See **Write to Device on page 23**.

2. To modify additional fields, refer to **Write/Modify & Write on page 20**.

Write to Device

Select **WRITE TO DEVICE** to write modified configuration information to a KMC Conquest controller.

1. Disconnect the Conquest controller from power.

NOTE: The Conquest controller must be unpowered before performing a **READ FROM DEVICE** or a **WRITE TO DEVICE**. The READ or Write could be corrupted due to interference between NFC and 24 VAC/VDC.

2. Place the phone or fob over the N-Mark on the unopened box (42) or on the N-Mark on the **unpowered** Conquest controller (43) in the same manner as the Read operation. See **Read from Device on page 15** for details.

NOTE: **Choose an action** (71) displays at the bottom of the screen if there is more than one app installed on the device that uses NFC.

3. Touch the KMC Connect Lite **app icon** (72).

Choose an action (71)

(72) KMC Connect Lite   NFC-V reader
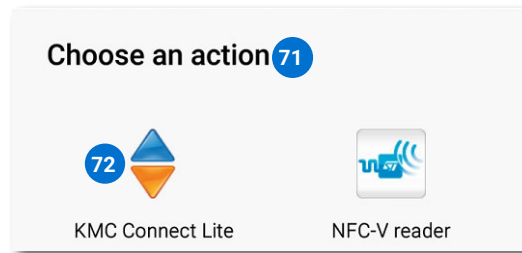
NOTE: If KMC Connect Lite is the only NFC app on your device, **Choose an action** will not display.

4. Complete all steps of **Write/Modify & Write on page 20**.

5. Touch **WRITE TO DEVICE** (73).

NOTE: The Conquest controller must be unpowered before performing a **WRITE TO DEVICE**. The write could be corrupted due to interference between NFC and 24 VAC/VDC.
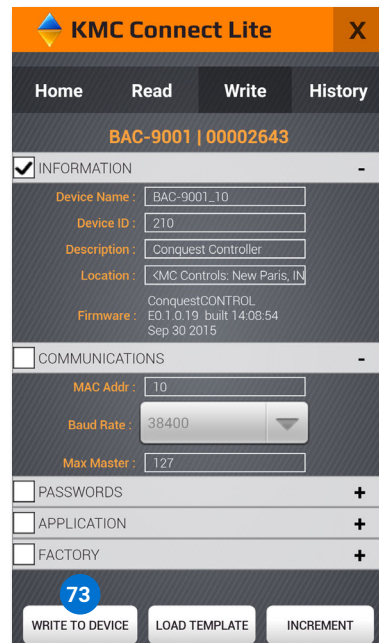
NOTE: A **WRITE TO DEVICE** can take up to a minute. **Write successful** (74) displays on the screen.

6. Reconnect the Conquest controller to power.

NOTE: It can take 30-45 seconds for the new configuration settings to write from the NFC board to the motherboard of the Conquest controller.

History Screen

The **History** screen displays a list of the read and write activities performed on the mobile device.

1. Touch **History** 75 from any screen.

View Entry

NOTE: The last read or write performed is the first item listed.

1. Touch the **History File Name** 76 to view.

NOTE: The selected template is highlighted in orange.

2. Touch **View Entry** 77.
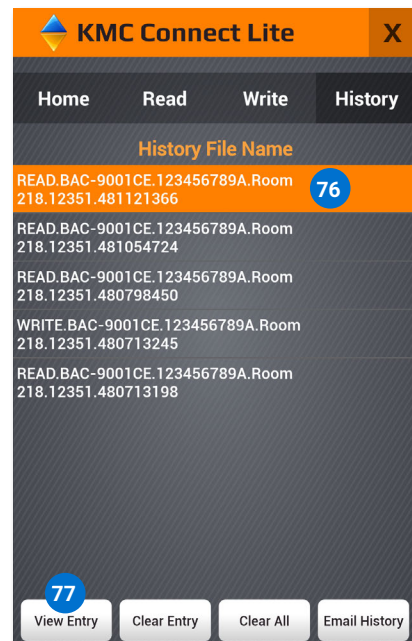
NOTE: History entries cannot be modified, only viewed or emailed.

3. Touch **History** 75 to return to the list of read and writes activities.

Clear Entry

Complete the following steps to clear one entry from the history.

1. Touch the **History File Name** 78 to be cleared.

NOTE: The selected template is highlighted in orange.
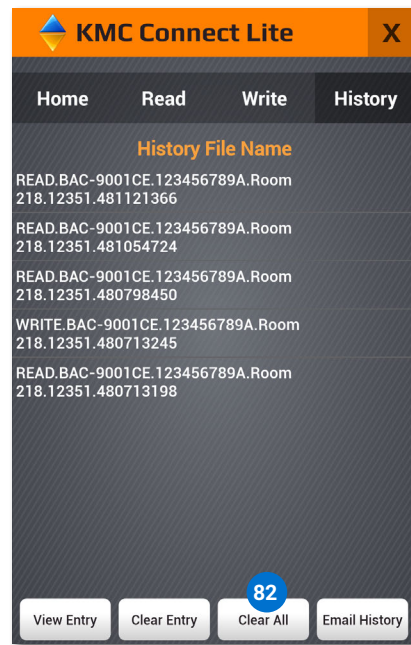
2. Touch **Clear Entry** 79 .
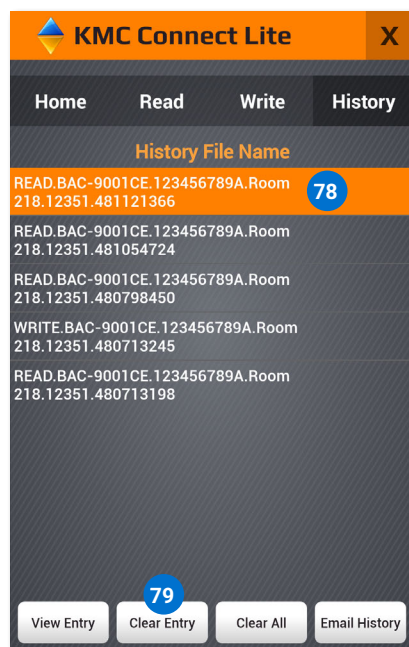
3. Touch **OK** 80 to clear the selected entry or touch **Cancel** 81 to keep the entry.
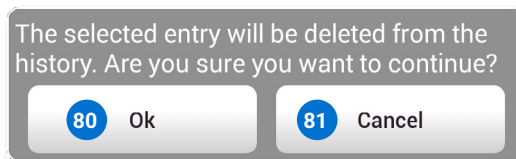

Clear All

Complete the following steps to clear/delete all the read and write history from the mobile device.

1. Touch **Clear All** 82 .

NOTE: If an individual **History File Name** is not selected, the entire Read and Write History will be cleared/deleted from the controller.

2. Touch **OK** 83 to clear/delete the history or touch **Cancel** 84 to keep the history.

All history will be deleted from this device. Are you sure you want to continue?

83 Ok

84 Cancel
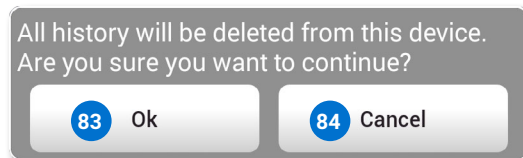
Email History

Complete the following steps to email the entire read/write history as a zipped JSON (Java Script Object Notation) file.

3. Touch **Email History** 85 .
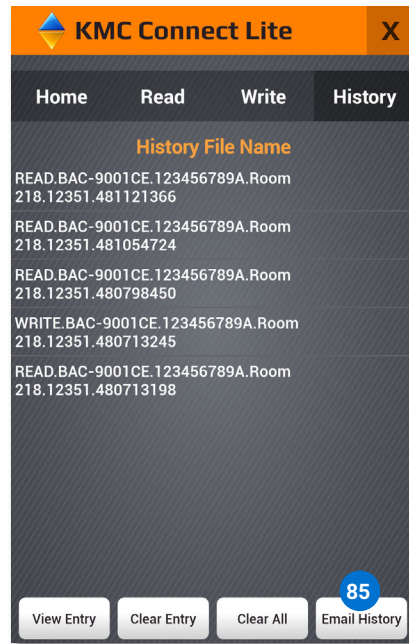
4. Touch the **To** field 86 and enter the email address or addresses.

5. Touch **Send** 87 to email the history or touch **Cancel** 88 to return the history.
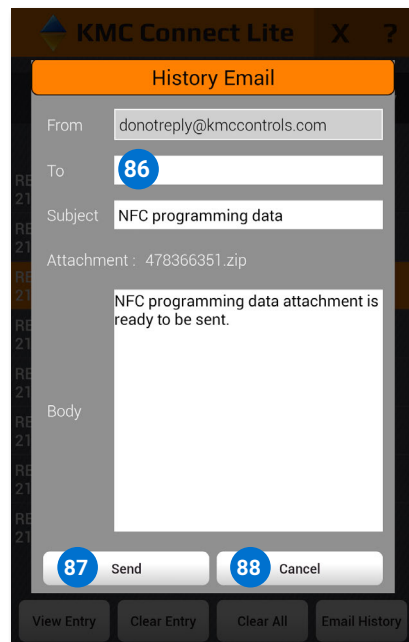
Conquest Controller Settings

NOTE: See the **Conquest Selection Guide** for additional information about each Conquest controller.

INFORMATION

The table below lists the fields in the **INFORMATION** section.

NOTE: The fields in the **INFORMATION** section are the same for all KMC Conquest controllers.

FIELD NAME	DESCRIPTION	EDITABLE
Device Name	• User name of the device • Maximum length of 16 characters • Alphanumeric • Must end in a number in order to increment	✔
Device ID	• Device identification • Minimum 1 Maximum 4194302 • Alphanumeric • Must end in a number in order to increment	✔
Description	• User description of device • Maximum length of 16 characters • Alphanumeric	✔
Location	• User location of device • Maximum length of 16 characters • Alphanumeric	✔
Firmware	• Current firmware version	

Complete the following steps to make changes to the **INFORMATION** settings of a KMC Conquest controller.

1. From the **Write** screen, touch the box **89** to the left of **INFORMATION**.

NOTE: The box must be checked in order to make changes the **INFORMATION** settings.

2. Touch the desired field **90** to change the setting and input the new information.

3. Complete a **WRITE TO DEVICE** to change the settings of the controller.

NOTE: See **Write to Device on page 23**.

COMMUNICATIONS: BACnet MS/TP Controller

The table below lists the fields of the **COMMUNICATIONS** section for a BACnet MS/TP controller.

NOTE: The fields in the **COMMUNICATIONS** section are the same for all KMC Conquest BACnet MS/TP controllers.

FIELD NAME	DESCRIPTION	EDITABLE
MAC Addr	• Media Access Control Address • Minimum 0 Maximum 127	✔
Baud Rate	• Baud Rate for MS/TP • 9600, 19200, 38400, 57600, 76800	✔
Max Master	• BACnet MS/TP Max Master • Minimum 1 Maximum 127	✔

Complete the following steps to make changes to the **COMMUNICATIONS** settings of a Conquest BACnet MS/TP controller.

1. Touch the box 91 to the left of **COMMUNICATIONS**.

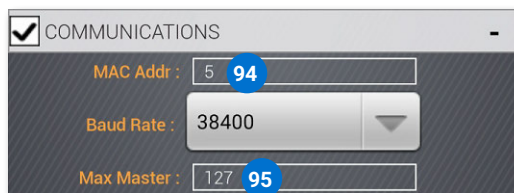**NOTE:** The box must be checked in order to change the settings.
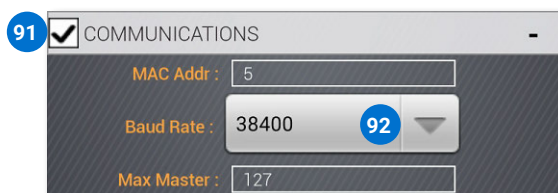
2. Touch the **Baud Rate** **down arrow** 92 to access **Baud Rate** options for the controller.

3. Touch one of the following **Baud Rate** options 93 to select the Default Baud Rate.
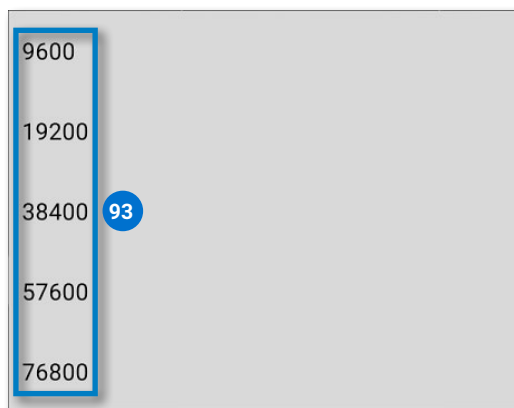
4. Touch the **MAC Addr** field 94 or the **Max Master** field 95 to change the setting and input the new information.

5. Complete a **WRITE TO DEVICE** to change the settings of the controller.

NOTE: See **Write to Device on page 23**.

COMMUNICATIONS: Ethernet Controller

The table below lists the fields of the **COMMUNICATIONS** section for an Ethernet controller.

FIELD NAME	DESCRIPTION	EDITABLE
Type	• IP (Internet Protocol) or 8802.3	✔
IP Addr	• Internet Protocol Address • Maximum length of 16 characters • Format xxx.xxx.xxx.xxx	✔
Subnet Mask	• Subnetwork Mask • Maximum length of 16 characters • Format xxx.xxx.xxx.xxx	✔
Gateway Addr	• Gateway Address • Maximum length of 16 characters • Format xxx.xxx.xxx.xxx	✔
UDP Port	• User Datagram Protocol Port • Maximum length of 16 characters	✔
BBMD Addr	• BACnet/IP Broadcast Management Device Address • Maximum length of 16 characters • Format xxx.xxx.xxx.xxx	✔
BBMD Port	• BACnet/IP Broadcast Management Device Port • Maximum length of 16 characters	✔

Complete the following steps to make changes to the **COMMUNICATIONS** settings of a Conquest Ethernet controller.

1. Touch the box **96** to the left of COMMUNICATIONS.

NOTE: The box must be checked in order to change the settings.
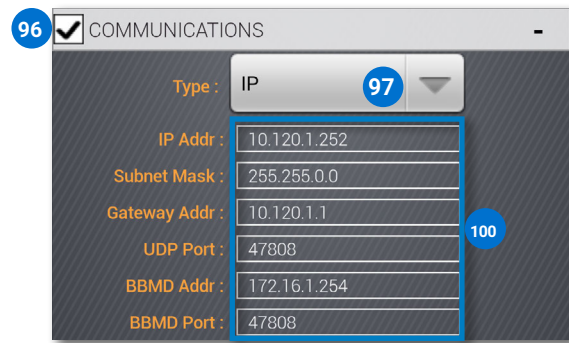
2. Touch the **down arrow** (97) to access the internet protocol **Type** options for the controller.

3. Touch **IP** (98) or **8802.3** (99) to select the protocol.
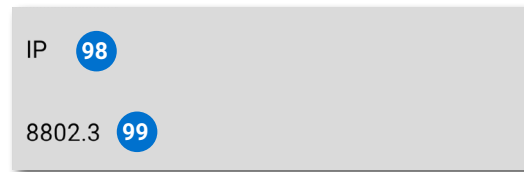
4. Touch the desired field (100) to change the setting and input the new information.

5. Complete a **WRITE TO DEVICE** to change the settings of the controller.

NOTE: See **Write to Device on page 23**.

PASSWORDS

The table below lists the fields of the **PASSWORDS** section.

NOTE: The fields in the **PASSWORDS** section are the same for all KMC Conquest controllers.

FIELD NAME	DESCRIPTION	EDITABLE
Level 1	• Max length of 4 characters • Alphanumeric • Accept upper and lower case • Not case sensitive • Special characters not allowed • Default: 0000	✔
Level 2	• Max length of 4 characters • Alphanumeric • Accept upper and lower case • Not case sensitive • Special characters not allowed • Default: (See the **Conquest Controllers Default Password Technical Bulletin**)	✔

NOTE: **Be sure to document any changes made to the passwords!**

NOTE: The **Level 1** password limits access for changing SETPOINTS of a Conquest controller using a Netsensor.

NOTE: The **Level 2** password limits access for changing SYSTEM configurations of a Conquest controller. Conquest controllers are factory-set with a default level 2 password when using STE-9000 series NetSensors or KMC Connect Lite for configuration. For more information about the default password, see the **Conquest Controllers Default Password Technical Bulletin** by logging into the **KMC Partners web site and looking at the downloadable documents for CONNECT-LITE-MOBILE.**

6. Touch the **box** 101 to the left of **PASSWORDS**.

NOTE: The box must be checked in order to change the settings.
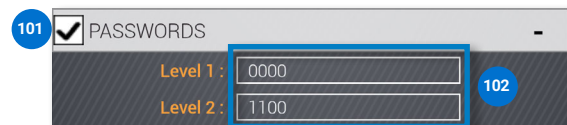
7. Touch the desired field 102 to change and input the new password.

8. Complete a **WRITE TO DEVICE** to change the password settings of the controller.

NOTE: See **Write to Device on page 23**

Troubleshooting

Fob (HPO-9003) Pairs but is Unable to Read

- Turn the fob off and then back on by pressing its button.

- See No Communication with NFC/Bluetooth Fob (HPO-9003) below.

No Communication with NFC/Bluetooth Fob (HPO-9003)

- Check that the fob's blue communication light is on. See **Enable Bluetooth and Pair HPO-9003 Fob on page 10**. The fob time-outs after five minutes of inactivity.

- Re-pair (relink) the fob to the phone. See **Enable Bluetooth and Pair HPO-9003 Fob on page 10**.

- Keep the fob within the Bluetooth range of the phone.

No Communication with (Internal) NFC

NOTE: Reading information can take half a minute or more. Writing can take longer. Communication using an HPO-9003 fob takes longer than using NFC built into a phone.

- Check for correct positioning of phone or fob with the NFC mark. See **Read from Device on page 15**.

- See No Communication with NFC/Bluetooth Fob (HPO-9003) above.

Password Is Forgotten/Unknown

- To protect against unauthorized tampering with the configuration parameters, Conquest controllers are factory-set with a default Level 2 password. Supply the password when prompted.
- See the Conquest Controllers Default Password Technical Bulletin on the KMC Partner web site.

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