Wireless Access Point

Installation Instructions

⚠ DANGER

Installing a VNC application allows the operator to run the system remotely from a phone, laptop or desktop computer through a wireless network. The operator may not be in the same location or in clear view of the equipment. Before starting the equipment ensure that all machine safety guards are properly installed and verify all personnel are a safe distance from the equipment.

NOTICE

Due to differences in devices, operating systems, versions, and network topologies, the steps required in this document may be different for your specific device or network. If these steps do not match your operating system, device version, or network layout, please see your IT department, device manual, or your devices technical support department for further assistance.

USC recommends the use of the Wireless USC network for VNC Viewer use.

⚠ WARNING

The USC Wireless Network is exclusively for VNC use. Using the USC wireless network for any other purpose may **VOID** the USC service warranty.

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Document: TD-09-06-4066   **Revision: D**

INSTALLATION INSTRUCTIONS - USC Wireless Network

Please verify you have received the following parts:

CABLE ETHN CAT 6 BLUE 4FT (Qty = 1).

CABLE ETHN CAT 6 BLUE 10FT (Qty = 1).

WIRELESS ACESS POINT (WAP). (Qty = 1).

WIRELESS ACCESS POINT INSTALLATION

STEP 1: Choose the mounting location for the WAP unit. If mounting on a pole, use the hose clamp to secure the WAP. If mounting on a wall, use the three M3 X 28 plastic wall anchors and self tapping screws to secure the mounting bracket.

STEP 2: Locate the 120V power outlet that is closest to the control panel. Plug the PoE power cord into the PoE adapter and the other end into the 120V outlet.

STEP 3: Plug one end of the 4FT Ethernet cable to the **Main Control Panel Modbus TCP Port** and the other end to the **LAN port** on the Power adapter.

STEP 4: Slide the bottom cover off of the WAP. Plug one end of the 10FT Ethernet cable to the **PoE port** on the power adapter and the other end to the Ethernet port on the bottom of the **WAP unit**. The WAP unit is pre-programmed to communicate with the control panel.

USC MAIN CONTROL PANEL MODBUS TCP PORT

4FT Ethernet cable

3

PoE   LAN

PoE adapter and Power Cord

4

10FT Ethernet cable

GND   ETHERNET   RESET

WAP Unit and two Antennas

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INSTALLATION INSTRUCTIONS - TABLET OR PHONE - ANDROID

NOTICE

Not all VNC applications are TruTouch applications. TruTouch allows the operator to simply touch the item on the screen they wish to activate. When using a system that is not TruTouch, the operator must scroll the cursor to the location they wish to activate and then touch the screen. The images shown in this document and the testing conducted at USC used **bVNC** for Android applications.
This is TruTouch application. You may use another VNC product including purchased versions like Mocha Lite.

STEP 1: Turn on the Tablet or Phone.

STEP 2: Turn on the devices **WI-FI (WLAN)** connection.

STEP 3: Connect to Internet .

STEP 4: Open the App Store and search for **bVNC**.
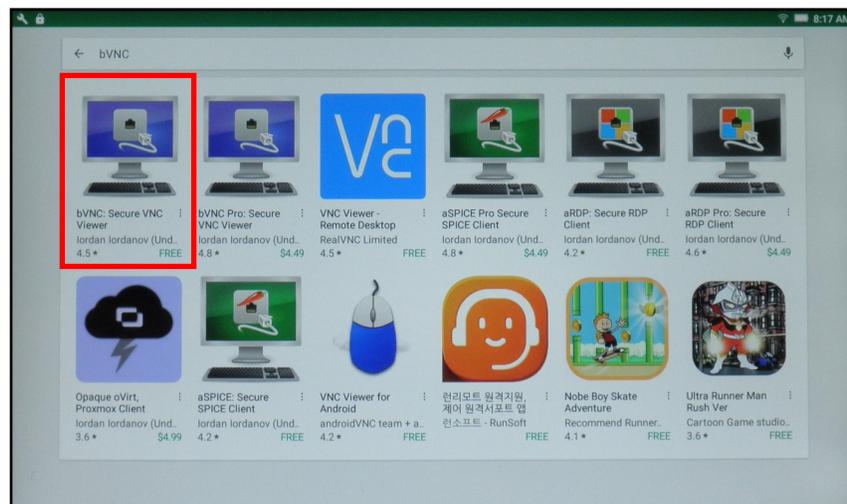
INSTALLATION INSTRUCTIONS - TABLET OR PHONE - ANDROID

STEP 5: Click the **Install** button, then **Accept** button in the popup.
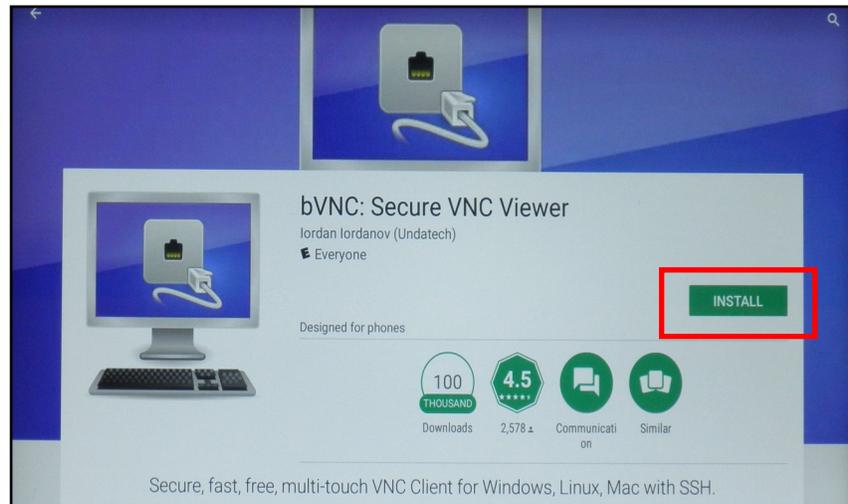
STEP 6: Select the **Settings** shortcut from the home screen. Select **WI-FI (WLAN)** and change the connection to **USC**.
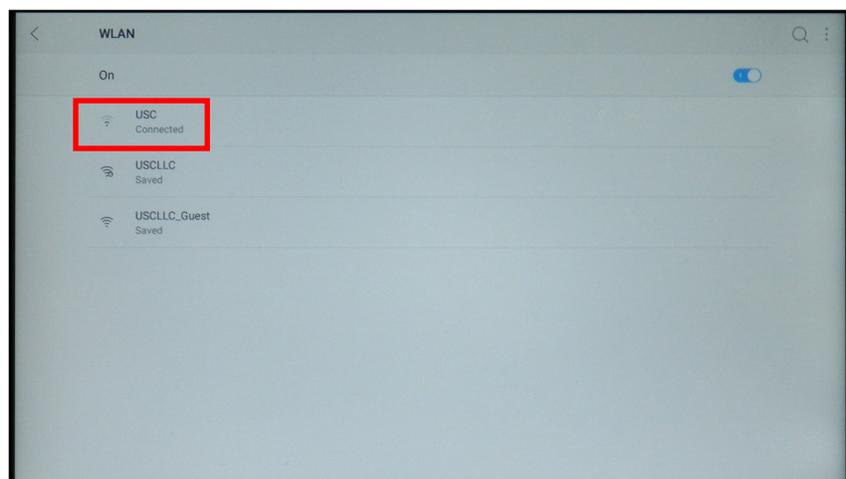
INSTALLATION INSTRUCTIONS - TABLET OR PHONE - ANDROID

STEP 7: Select the USC network to connect to the USC network. Enter the following password: **seed.treater.industry.leader**

STEP 8: Before selecting connect; select Advanced Options below the password field.

STEP 9: Change IPv4 settings from DHCP to Static.

STEP 10: Change the IP Address to **192.168.1.25** (or if you are adding a second device to the USC network please use 192.168.1.26). And set the Gateway to **192.168.1.1**

STEP 11: Select **Connect.**
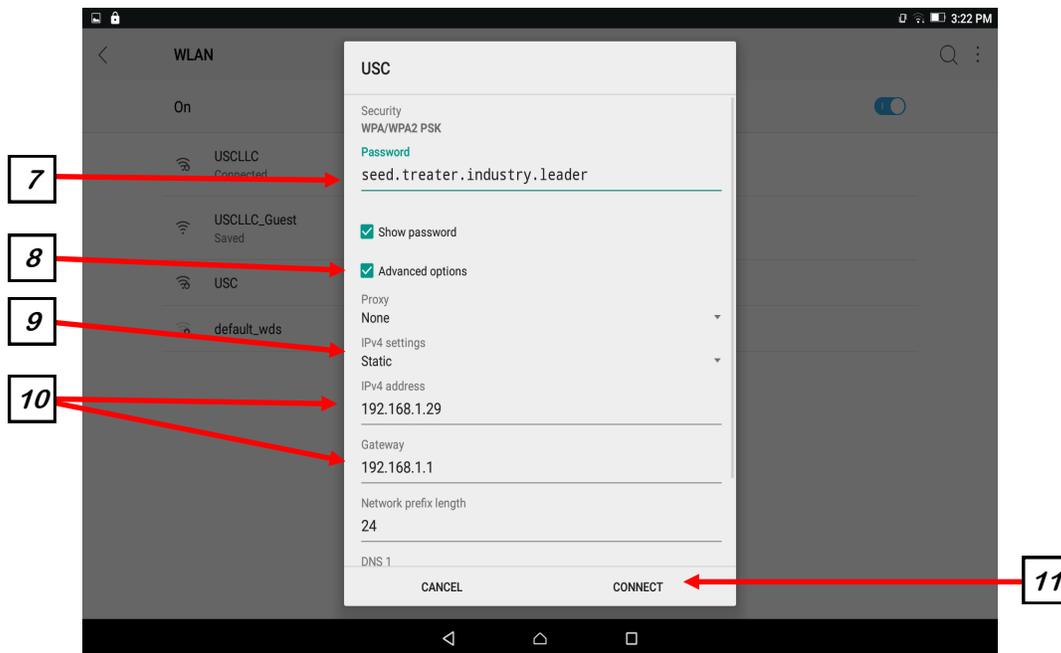
STEP 12: Once Connected to USC, return to the Home screen and open the bVNC Viewer. A screen describing the product and listing the features it provides will appear. You must select the **Close** button in the lower right corner to continue.
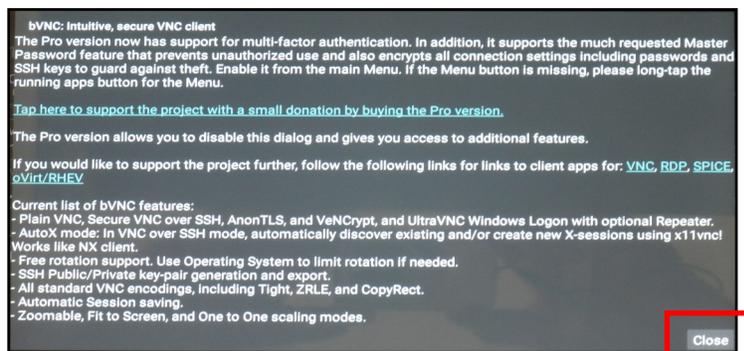
INSTALLATION INSTRUCTIONS - TABLET OR PHONE - ANDROID

STEP 13: The connection settings screen will appear. Enter IP address of **192.168.1.208** for the (PPC2100) Windows based touch screen, or **192.168.1.215** for the (C70) Embedded touch screens, or **192.168.1.116** for Simple Bin-Sites with C70.

STEP 14: Enter **USC** for the **VNC Password**.

STEP 15: The installation defaults allow the operator to control the system. If you wish to set up the install for viewing only, press the **Show Advanced Settings** button. Then check the box for **View-Only mode**.

STEP 16: Select the **Connect** button**.** After the connection is established, the USC screen display will appear. It will display whatever screen is currently active on the main control panel HMI. You may have to adjust the image in the window.
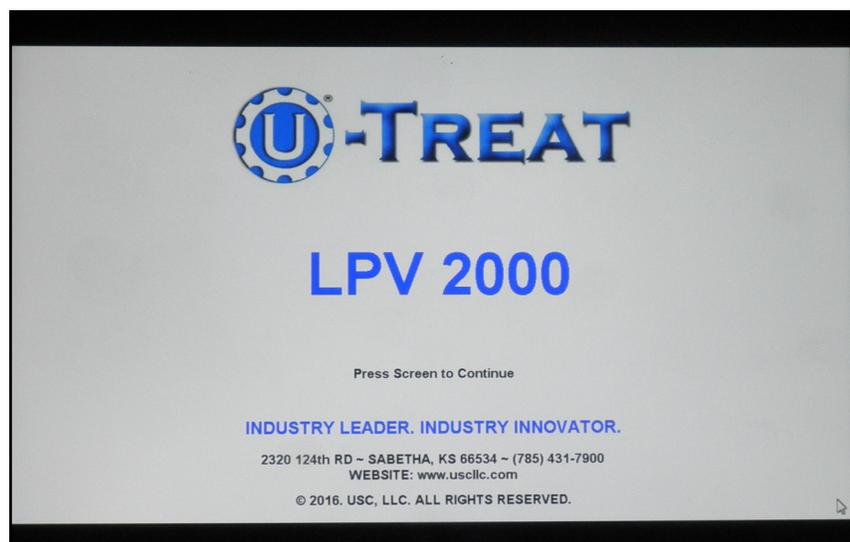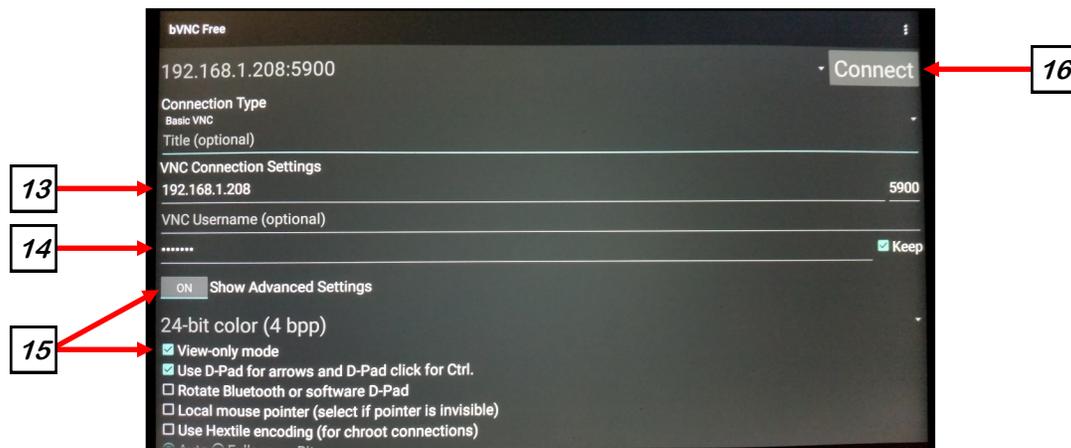
INSTALLATION INSTRUCTIONS - TABLET OR PHONE - APPLE

NOTICE

Not all VNC applications are TruTouch applications. TruTouch allows the operator to simply touch the item on the screen they wish to activate. When using a system that is not TruTouch, the operator must scroll the cursor to the location they wish to activate and then touch the screen. The images shown in this document and the testing conducted at USC used **VNC Viewer** for Apple applications. This is not a TruTouch application. You may use another VNC product including purchased versions like Mocha Lite.

STEP 1: Turn on Tablet or Phone Device.

STEP 2: Turn on the devices **WI-FI (WLAN)** connection.

STEP 3: Connect to Internet .

STEP 4: Open the App Store and search for **VNC Viewer**.

USC
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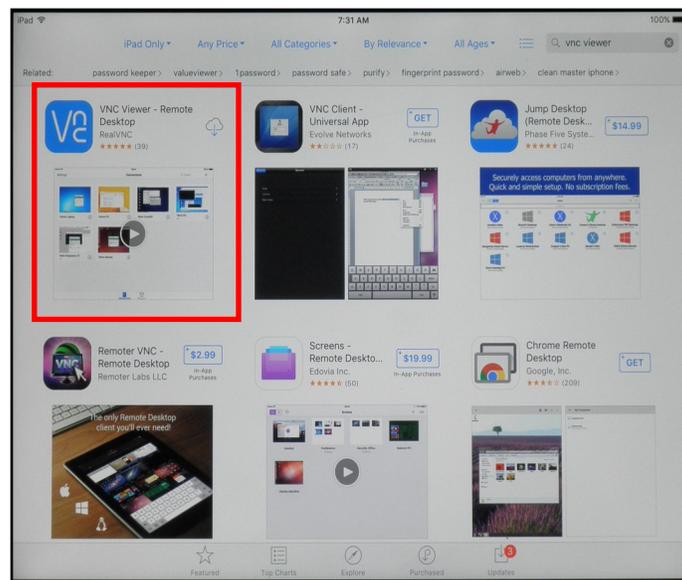
INSTALLATION INSTRUCTIONS - TABLET OR PHONE - APPLE

STEP 5: Select the VNC Viewer product. Select the **ICON** above details to download the App. After the download completes move on to the next step.
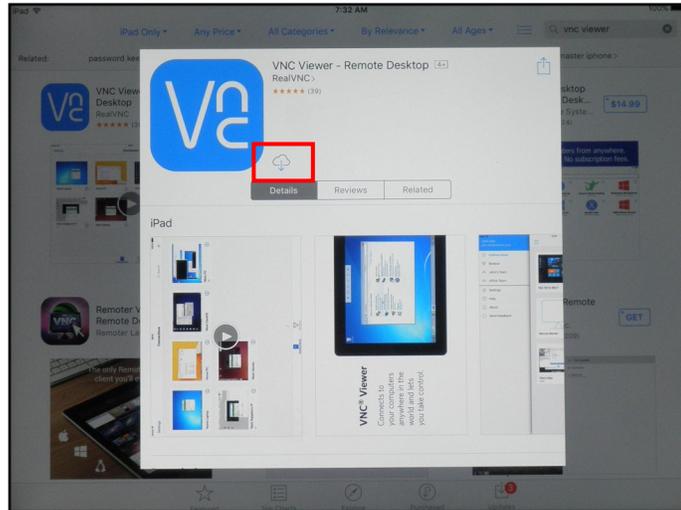
STEP 6: Return to home screen and open **Settings** & then select **WI-FI (WLAN)** on the Left menu.

STEP 7: Select the USC network to connect to the USC network. When it asks for the password, please use the following password: **seed.treater.industry.leader**

STEP 8: Select the **information (i) button** on the right side of the **USC** network.
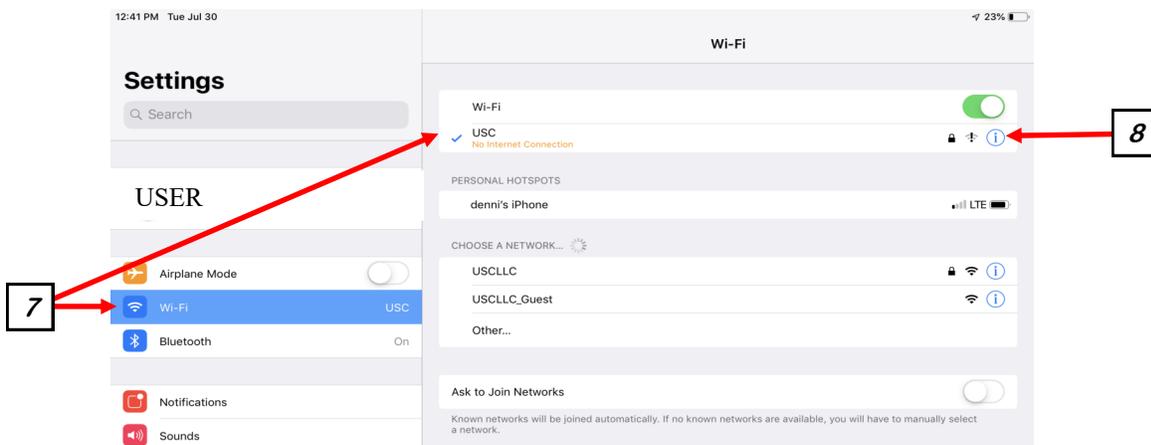
INSTALLATION INSTRUCTIONS - TABLET OR PHONE - APPLE

STEP 9: In the USC connection screen, select **Configure IP** and select **Manual** then enter the **IP Address** and **Router** (sometimes this is labeled as **Gateway**).
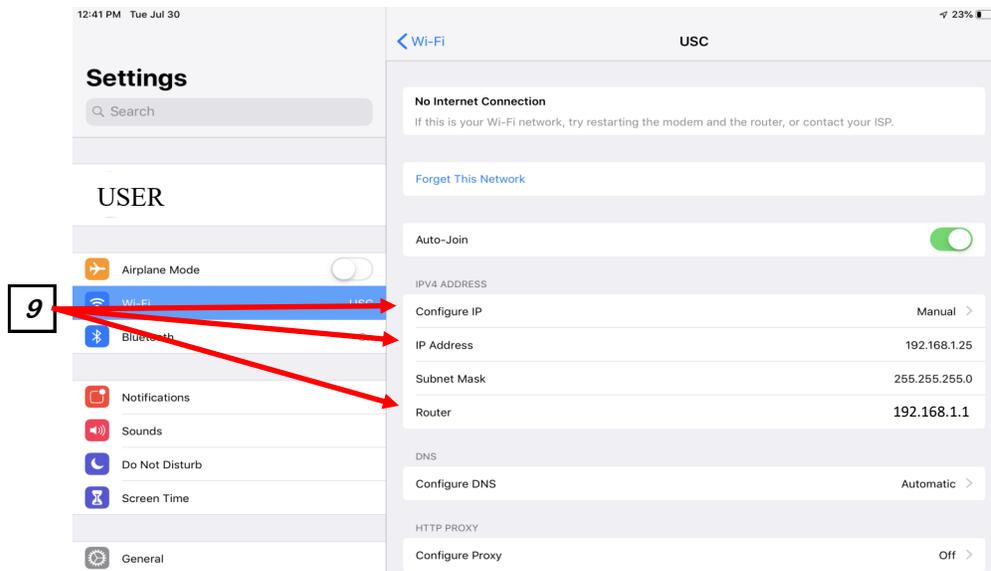
STEP 10: In the Configure IPv4 screen change the IP Address to **192.168.1.25** (or if you are adding a second device to the USC network please use 192.168.1.26). Set the Subnet Mask to **255.255.255.0**, then set the Router to **192.168.1.1** and save the settings.

STEP 11: Select the **USC** network again to connect to the USC network if it does not do it automatically.

*NOTE there is no Internet connection on the USC network and some IOS devices may not accept the connection or may try to switch back to your existing WI-FI connection with internet. You may have to disable auto join on your preferred internet connection.
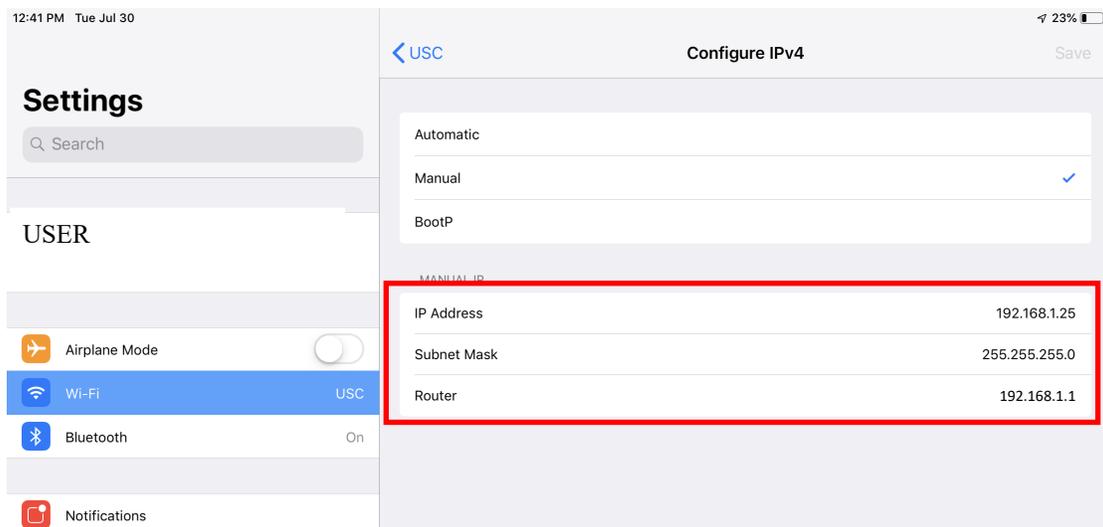
INSTALLATION INSTRUCTIONS - TABLET OR PHONE - APPLE

STEP 12: Return to the Home Screen and open the VNC Connect App and Select **Get started**.
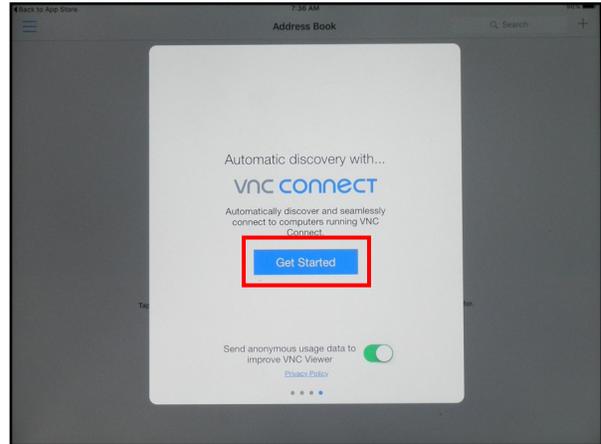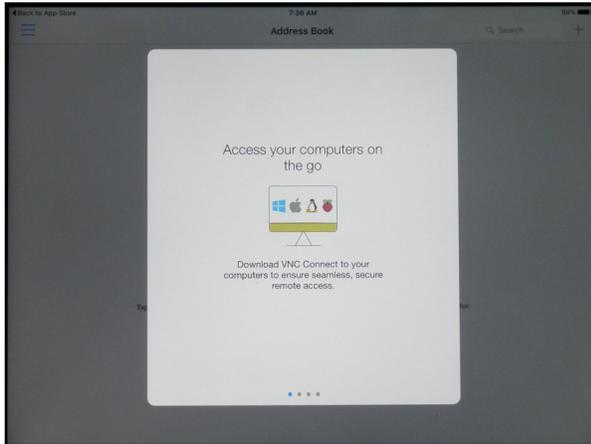
STEP 13: Select the three lines at the top of the Address book page. Now that the address book is entirely in the window, select the plus sign in the upper right corner.

USC
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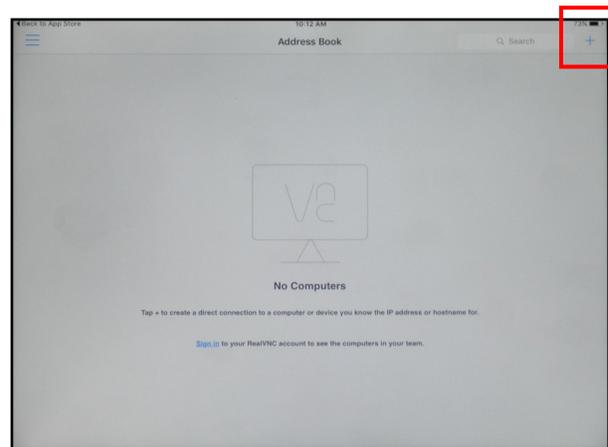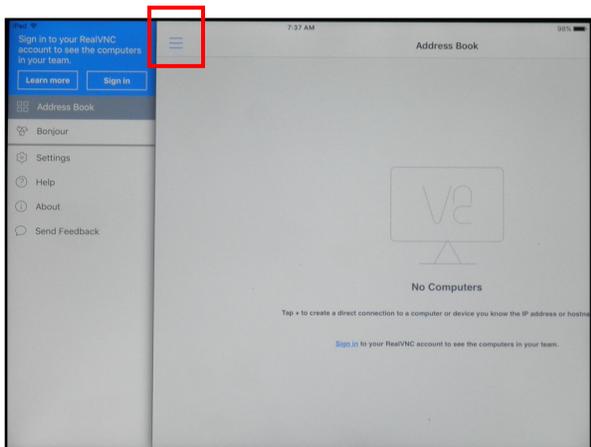
INSTALLATION INSTRUCTIONS - TABLET OR PHONE - APPLE

STEP 14: Enter IP address of **192.168.1.208** for the (PPC2100) Windows based touch screen, or **192.168.1.215** for the (C70) Embedded touch screens, or **192.168.1.116** for Simple Bin-Sites with C70. Enter **USC** in the **Name**. Select **Done**.
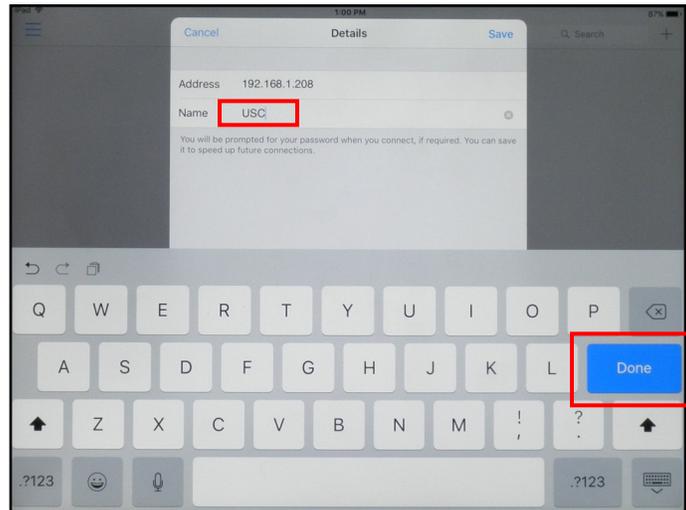
STEP 15: Select the **USC** icon on the address book screen. The encryption icon will appear. The installation defaults allow the operator to control the system. If you wish to set up the install for viewing only, slide the **View Only** button to the right. Then select **Connect**. Enter the password **USC**, then select **Go**.

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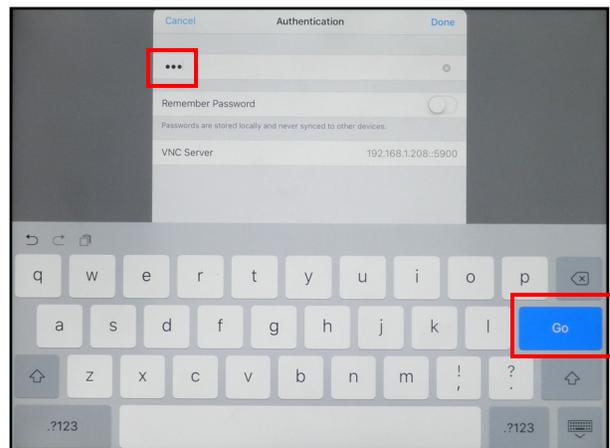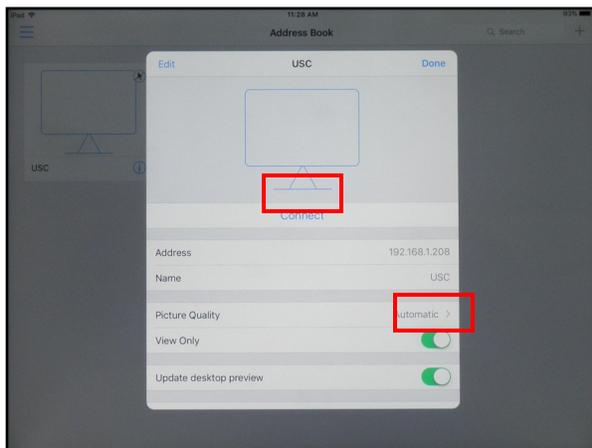
INSTALLATION INSTRUCTIONS - TABLET OR PHONE - APPLE

STEP 16: When the connection is complete, a help popup will appear explaining how to manipulate the VNC Viewer screen. It will display whatever screen is currently active on the main control panel HMI. You may have to adjust the image in the window.
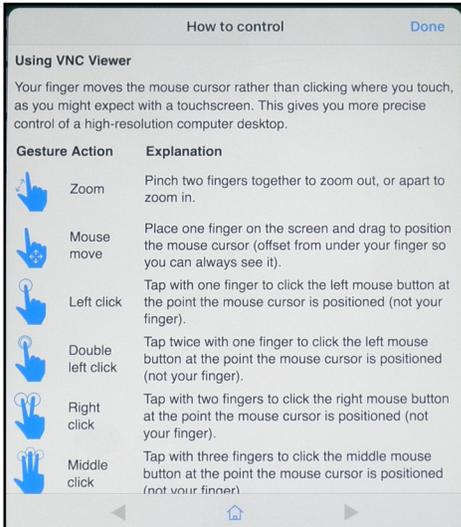
INSTALLATION INSTRUCTIONS - WINDOWS DESKTOP

NOTICE

When operating from a desktop application, the operator must move the cursor to the location they wish to activate and then select with the mouse. The images shown in this document and the testing conducted at USC used **Ultra VNC Viewer** for desktop applications. You may use another VNC product.

STEP 1: Turn on computer.

STEP 2: Open web browser and search **Ultra VNC Viewer**.

STEP 3: Select **Downloads - UltraVNC, VNC OFFICIAL SITE** (www.uvnc.com/downloads.html).
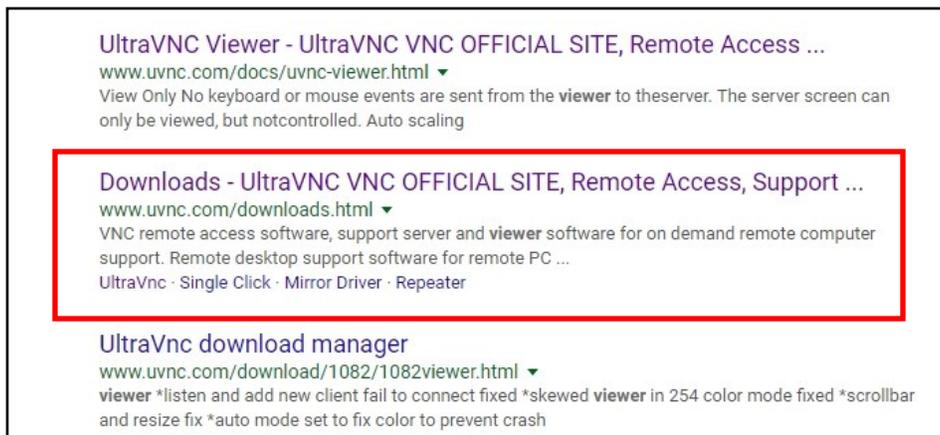
STEP 4: Select **UltraVnc** at the top of the Downloads list.

INSTALLATION INSTRUCTIONS - WINDOWS DESKTOP

STEP 5: Select '**1download ultravnc 1.2.1.5'** under #Article Title.

STEP 6: There are two installer options. The majority of desktop PC's are running on a 64 bit system. Select the Download button for the **ultravnc 1215 X64 setup** button. For older 32 bit systems, select the **ultravnc 1215 X86 setup** button.

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INSTALLATION INSTRUCTIONS - WINDOWS DESKTOP

STEP 7: Check the box at the bottom of the following screen to accept the conditions. Then select **Download**. The program will be downloaded to your default download folder.

STEP 8: From the download folder, double click on the **UltraVNC** executable file. Select Run in the open file popup. Select **OK** for English or change the language. Read and select the software agreement, then select **Next** twice. The following screens are self explanatory. Follow the instructions for each one and continue to the Ready to Install screen. The defaults will all work for this application. Review your selections, then select **Install**. On the final screen select **Finish** to complete the install.

STEP 9: Open your computers search bar (found next to or in windows start menu). In the search bar type "Network and Sharing Center". Select the search result to open the Network and Sharing Center.

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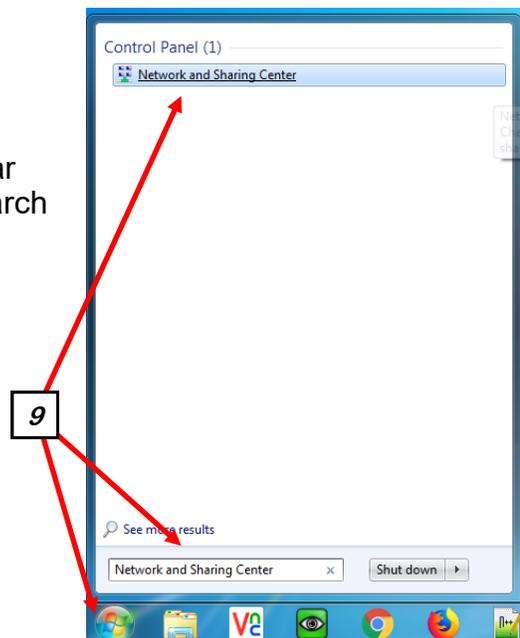
INSTALLATION INSTRUCTIONS - WINDOWS DESKTOP

STEP 10: Select Change adapter settings on the left side of the screen.
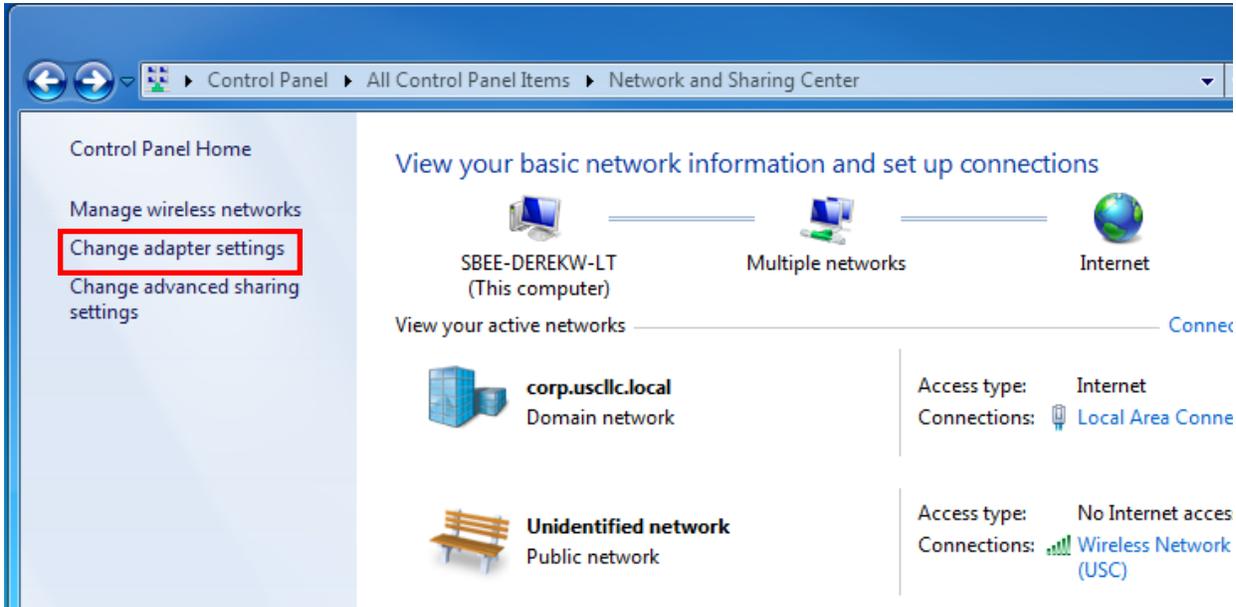
STEP 11: Select **Wireless Network connection**, **Right click** to bring up the drop down menu, then select **Properties**.
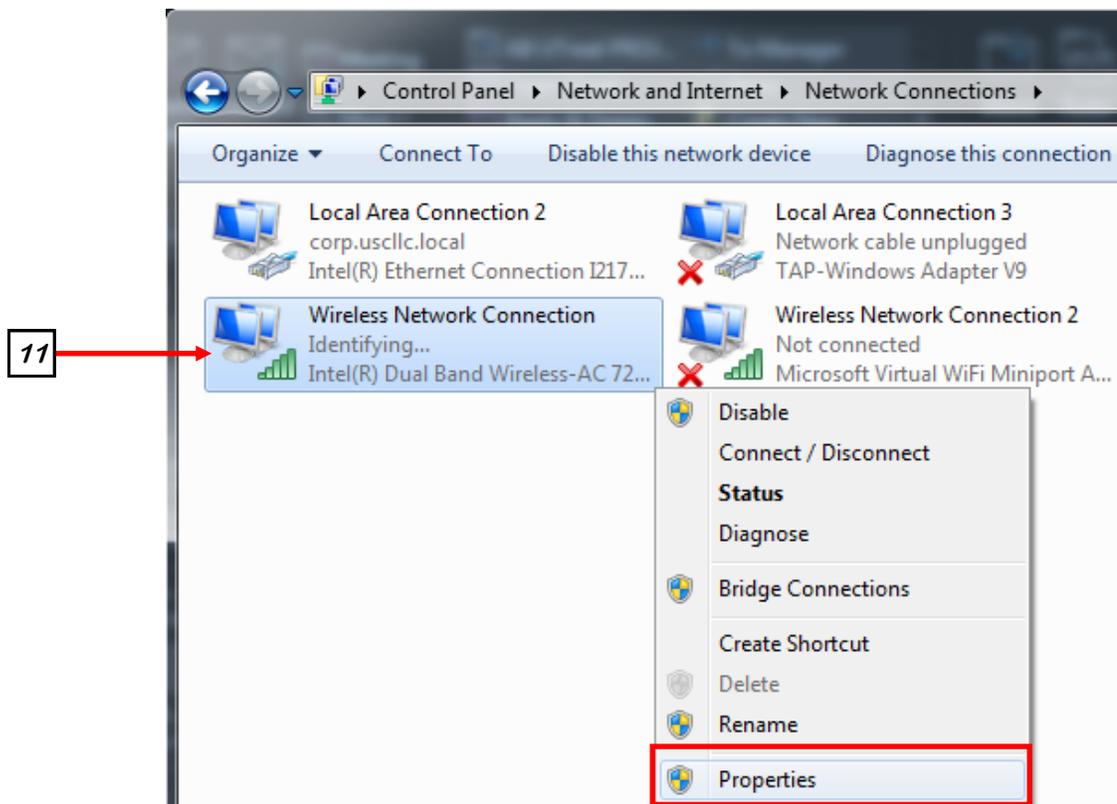
INSTALLATION INSTRUCTIONS - WINDOWS DESKTOP

STEP 12: In the Properties window, select **Internet Protocol Version 4 (TCP/IPv4)** to highlight it, then select the **Properties button**.

STEP 13: In the new window select "Use the Following IP address and fill out the boxes below. IP address: **192.168.1.25**, Subnet Mask : **255.255.255.0**, & Default Gateway :**192.168.1.1**. then Select **OK** to save.
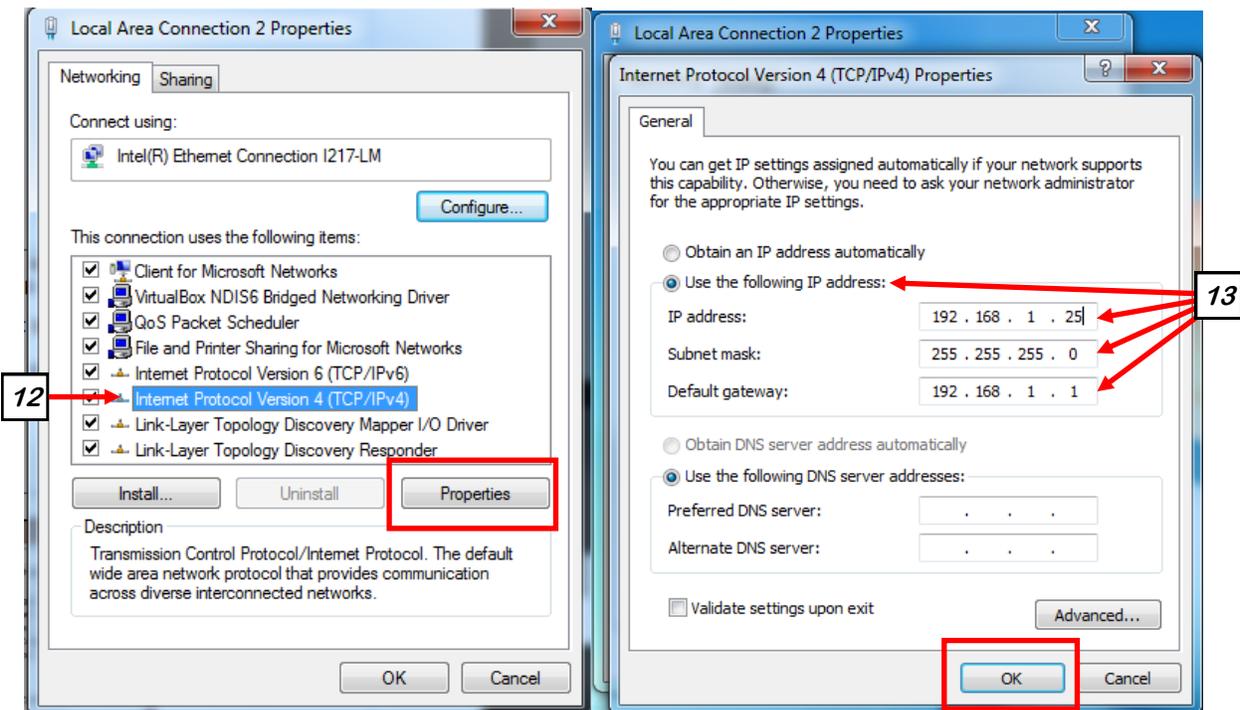
STEP 14: Open your computers Wireless Network Connection menu (Located on the bottom right of your task bar). Select the Wireless Network **USC** and Select Connect.
Enter **seed.treater.industry.leader** in as the security key and select **OK** to connect.
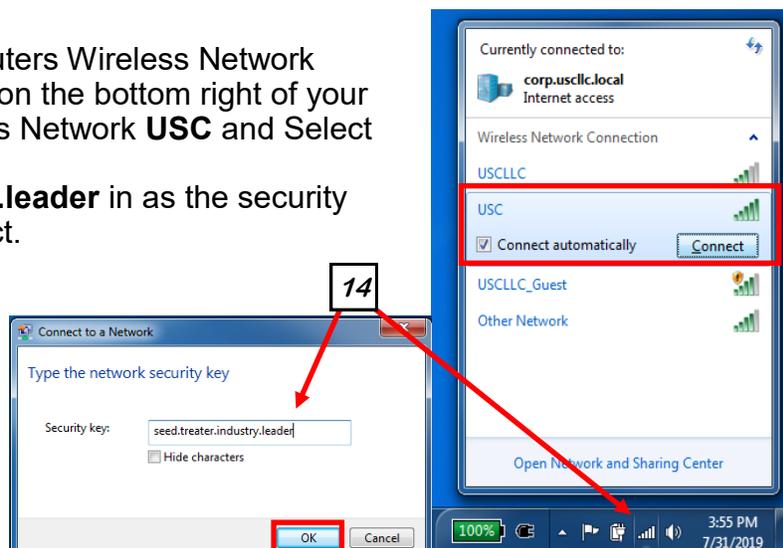
INSTALLATION INSTRUCTIONS - WINDOWS DESKTOP

STEP 15: Select the Start button in the lower left hand corner of the screen, click and drag the Ultra VNC Viewer to the desktop, then open Ultra VNC Viewer.

STEP 16: Enter **192.168.1.208** for the (PPC2100) Windows based touch screen, or **192.168.1.215** for the (C70) Embedded touch screen**,** or **192.168.1.116** for Simple Bin-Sites with C70.

STEP 17: The installation defaults allow the operator to control the system. If you wish to set up the install for viewing only, check the box for **View Only**.
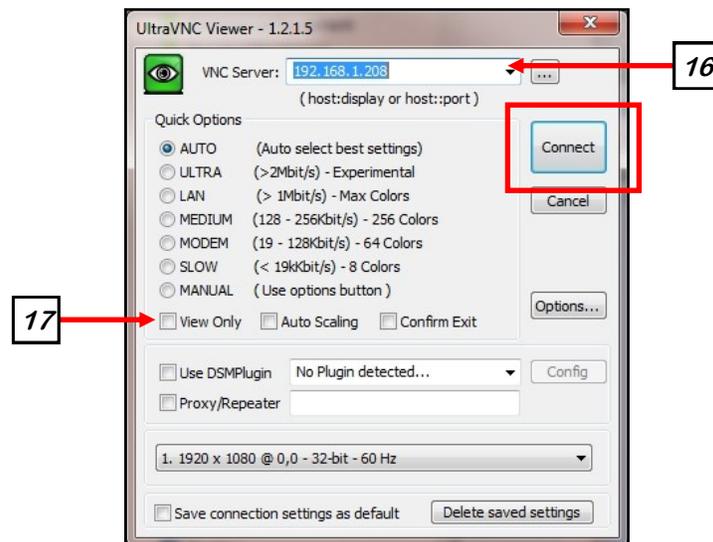
STEP 18: Enter **USC** in the password popup. The installation and connection is complete.
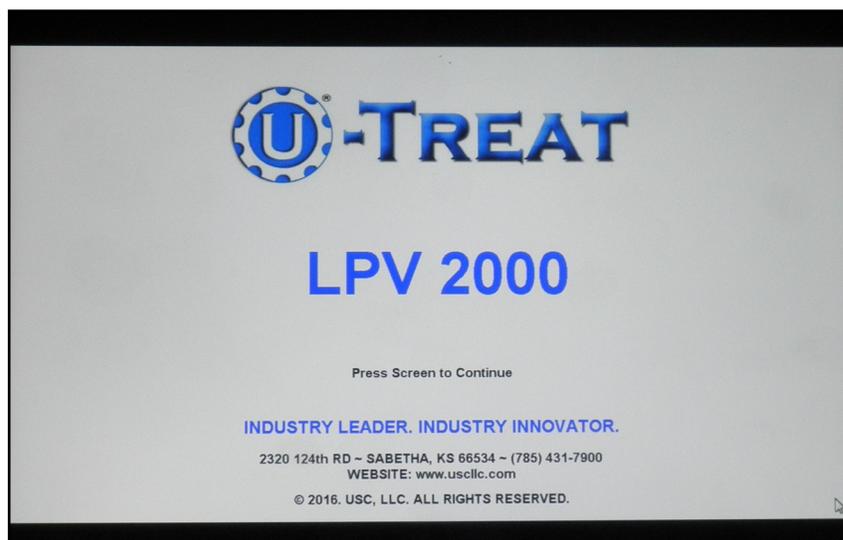
INSTALLATION INSTRUCTIONS - TABLET OR PHONE - ANDROID

STEP 1: Turn on the Tablet or Phone.

STEP 2: Turn on the devices **WI-FI (WLAN)** connection.

STEP 3: Connect to Internet .

STEP 4: Open the App Store and search for **Chrome**.

STEP 5: Select **Google Chrome: Fast & Secure**.
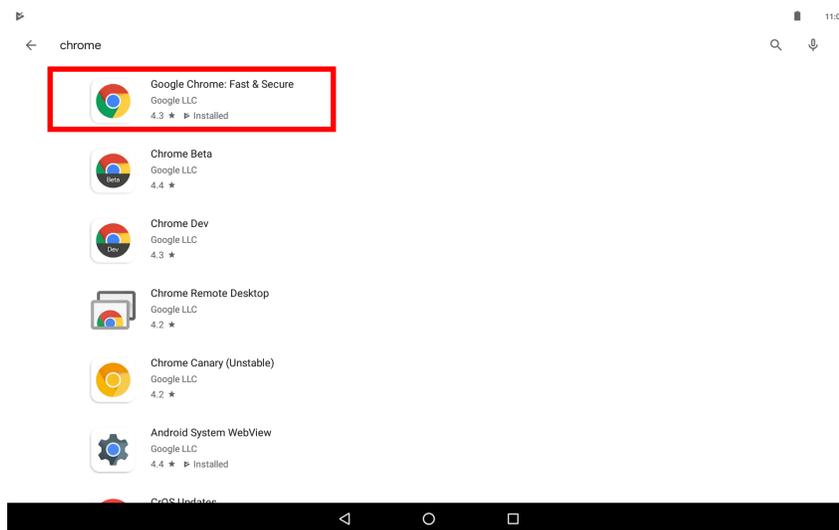
INSTALLATION INSTRUCTIONS - TABLET OR PHONE - ANDROID

STEP 6: Select Open.
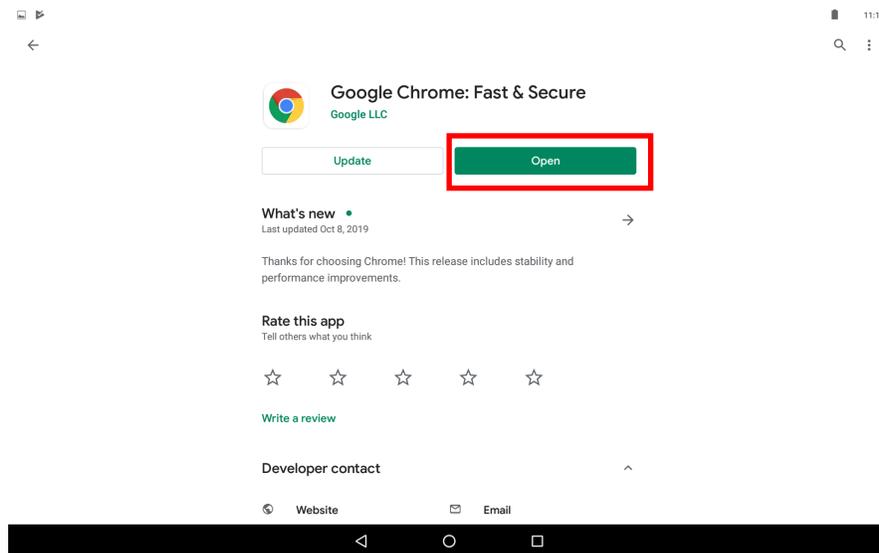
STEP 7: Select **ACCEPT & CONTINUE**.
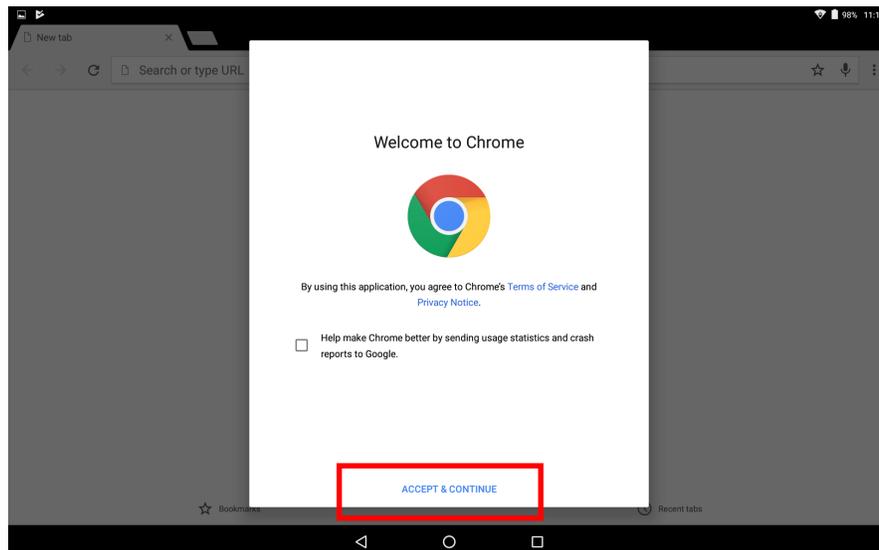
INSTALLATION INSTRUCTIONS - TABLET OR PHONE - ANDROID

STEP 8: If you have an account you want to use with chrome press **SIGN IN** otherwise press **NO THANKS**.
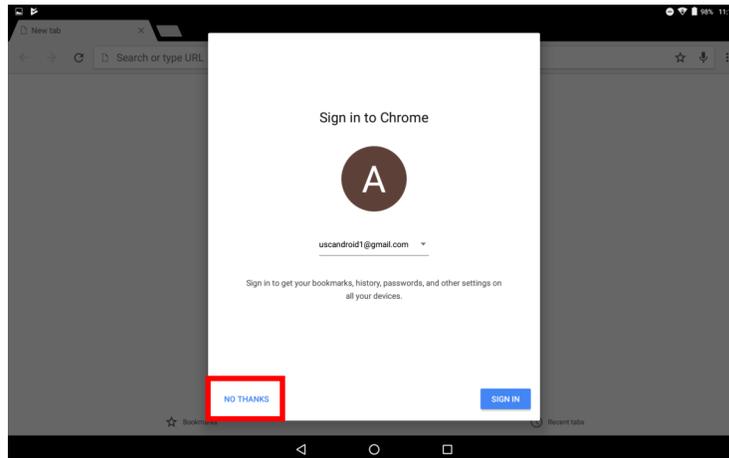
STEP 9: Change the WI-FI to the **USC** network you made in earlier instructions, and select the **address bar**.
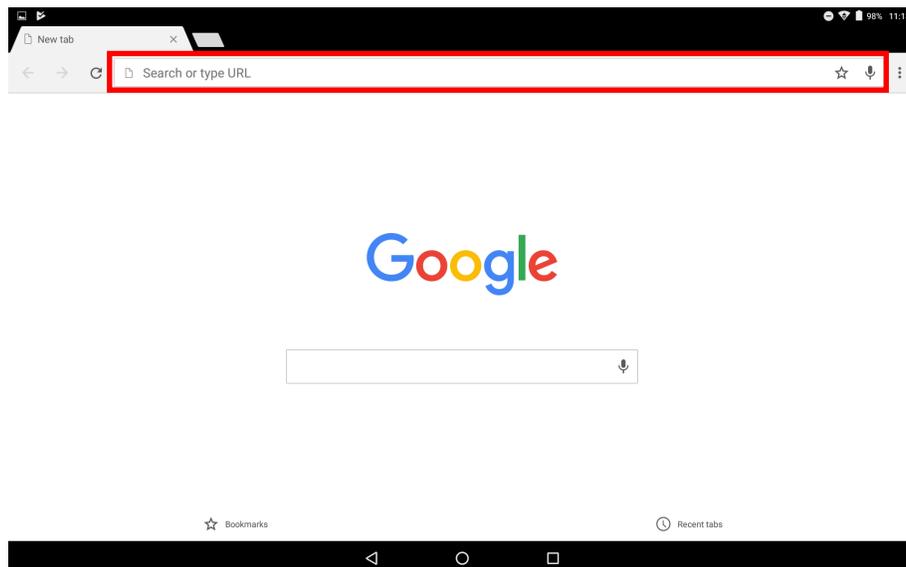
INSTALLATION INSTRUCTIONS - TABLET OR PHONE - ANDROID

STEP 10:

Type in the following URL for the LPX Lite:

192.168.1.215:81/index.html?visuid=vis_0

Type in the following URL for the HUB:

192.168.1.100:81/index.html

See page 25 for instructions on connecting to an AT500 with 10" screen
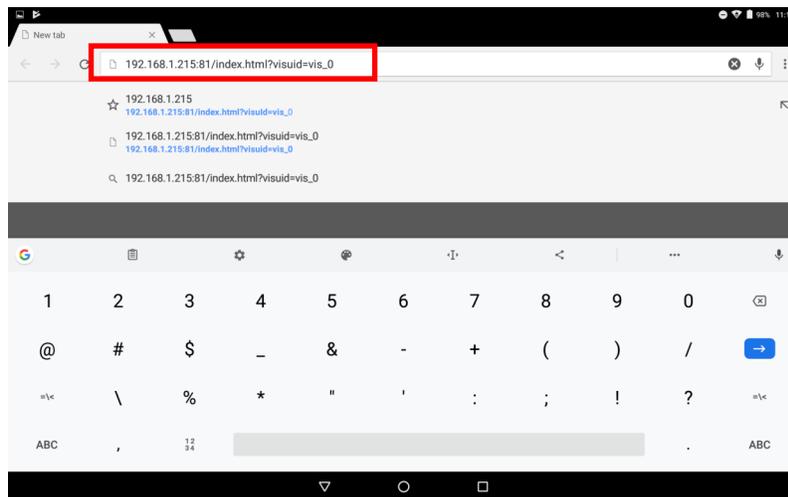
STEP 11: Select the **three dots in the upper right hand corner**.

INSTALLATION INSTRUCTIONS - TABLET OR PHONE - ANDROID

STEP 12: Select the **Add to Home screen.**

STEP 13: A new window will appear, select the **name field.**
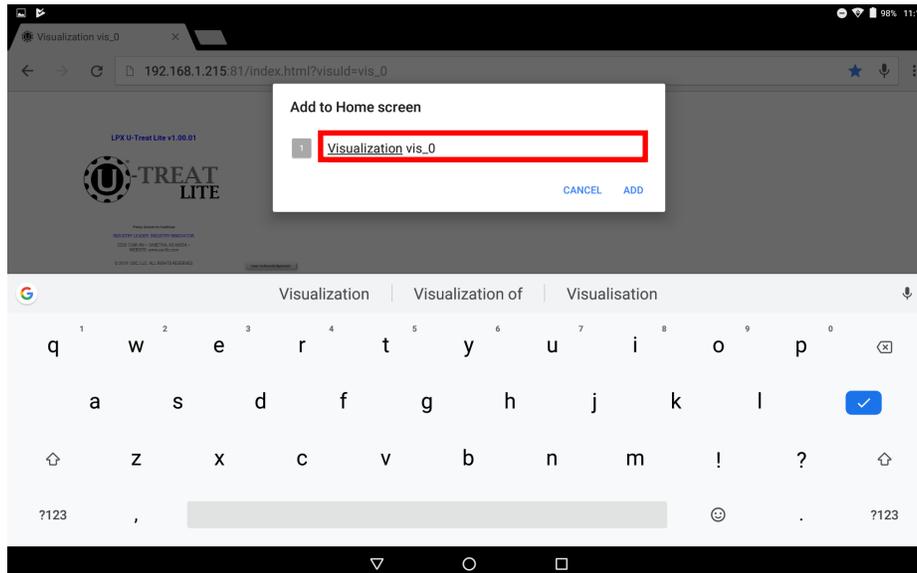
INSTALLATION INSTRUCTIONS - TABLET OR PHONE - ANDROID

STEP 14: Enter a name for your app icon.
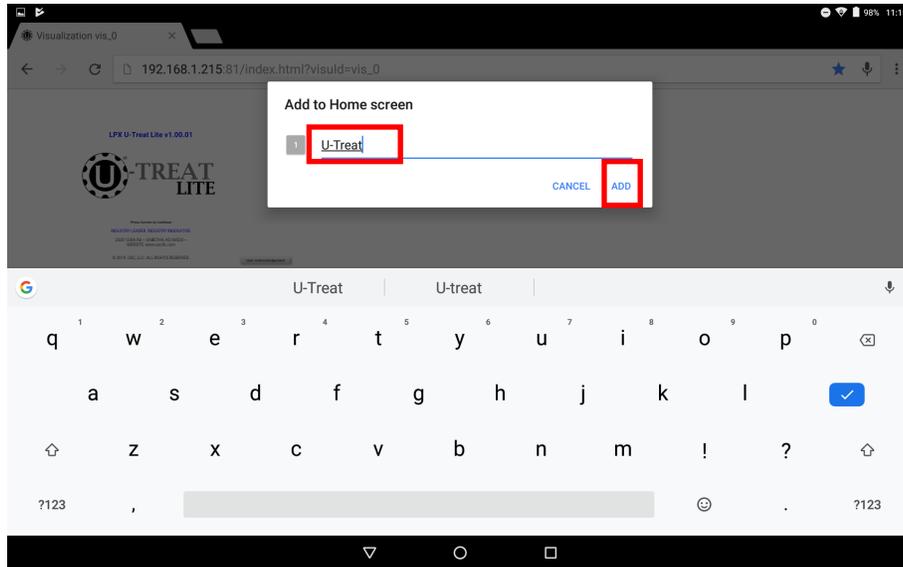
STEP 15: When you are finished a new app icon should appear. You may now close all open windows and select the icon to connect to your panel.
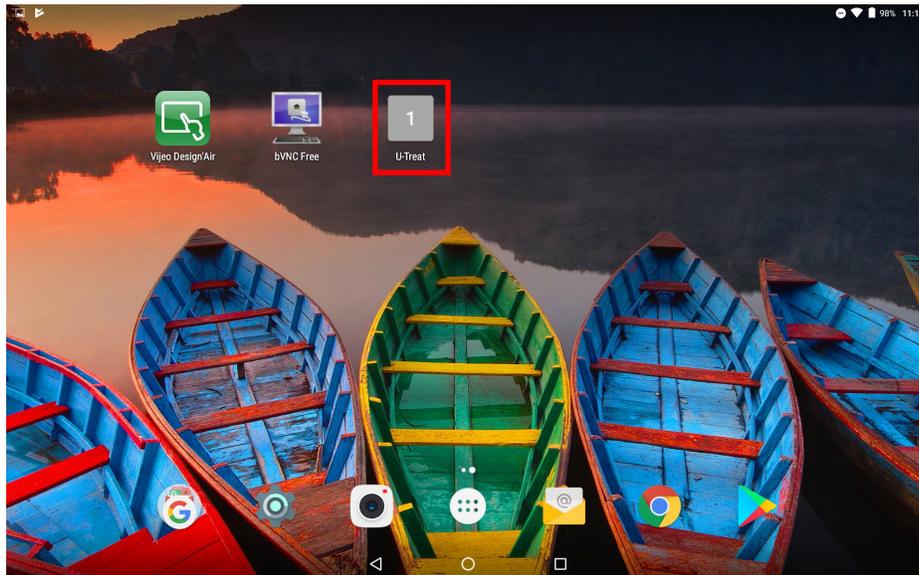
INSTALLATION INSTRUCTIONS - TABLET OR PHONE-ANDROID - AT500 10" SCREEN

STEP 1: Turn on the Tablet or Phone.

STEP 2: Turn on the devices **WI-FI (WLAN)** connection.

STEP 3: Connect to Internet .

STEP 4: Open the App Store and search for **Fully Kiosk Browser & Lockdown**

STEP 5: Select "Install". Once installed, change the WI-FI to the **USC** network you made in earlier instructions.

STEP 6: From the App Store, open Fully Kiosk Browser & Lockdown by selecting "Open".

STEP 7: Type in the following URL in the Start URL field:
192.168.1.215:8081/index.htm

STEP 8: Select "Start Using Fully", and the treater screen should load up on the Tablet/Phone.

STEP 9: Swipe to the right and select "Add to Home Screen".
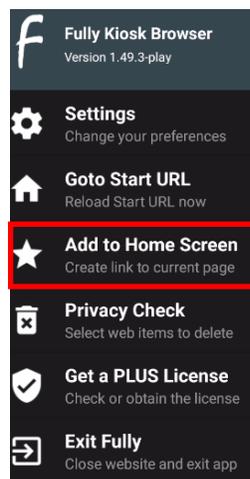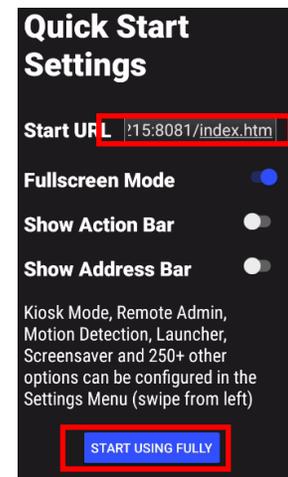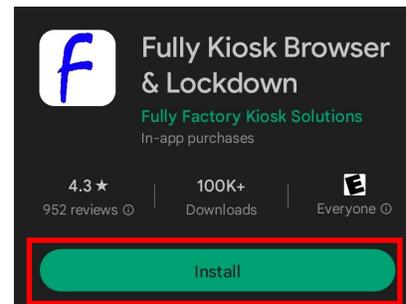
INSTALLATION INSTRUCTIONS - TABLET OR PHONE - APPLE

STEP 1: Turn on Tablet or Phone Device.

STEP 2: Turn on the devices **WI-FI (WLAN)** connection.

STEP 3: Connect to the USC network.

STEP 4: Open **Safari.**

STEP 5:

Type in the following URL for the LPX Lite:

192.168.1.215:81/index.html?visuid=vis_0

Type in the following URL for the HUB:

192.168.1.100:81/index.html

Type in the following URL for the AT500 with 10" screen:

192.168.1.215:8081/index.htm
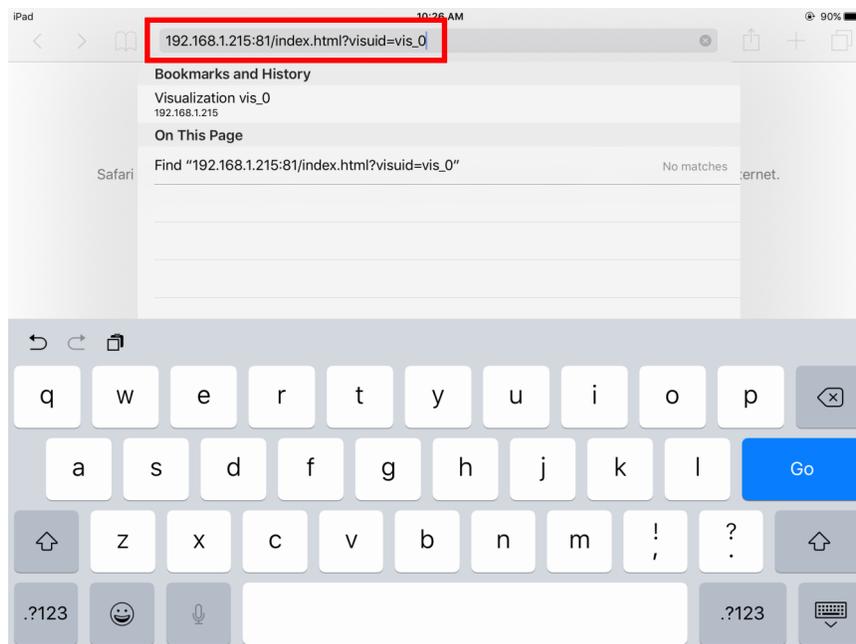
STEP 6: Press the **Go** Button.
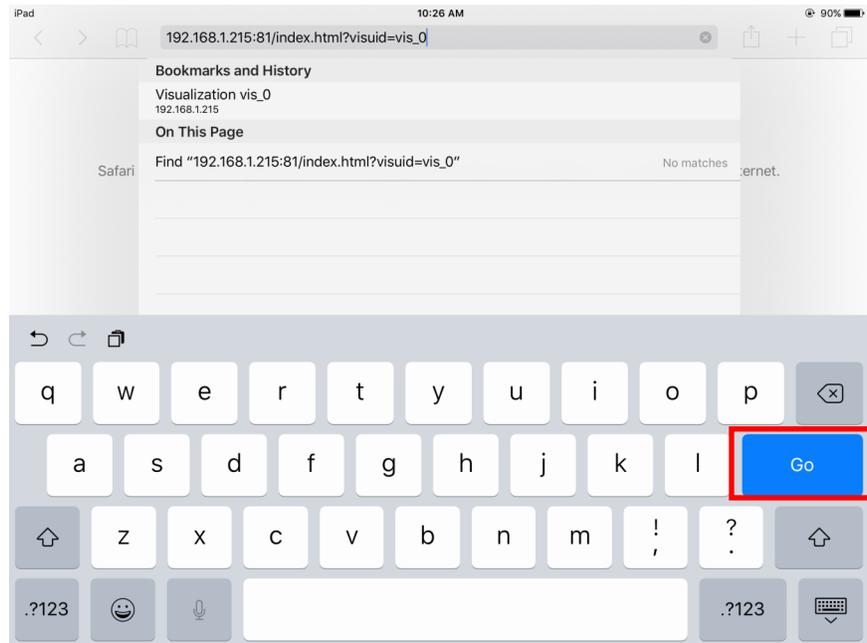
STEP 7: Next press the **send to** button.
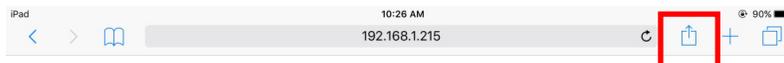
LPX U-Treat Lite v1.00.01

Press Screen to Continue

INDUSTRY LEADER. INDUSTRY INNOVATOR.

2320 124th Rd ~ SABETHA, KS 66534 ~
WEBSITE: www.uscllc.com

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User Acknowledgement

INSTALLATION INSTRUCTIONS - TABLET OR PHONE - APPLE

STEP 8: Press the **Add to Home Screen** Button.
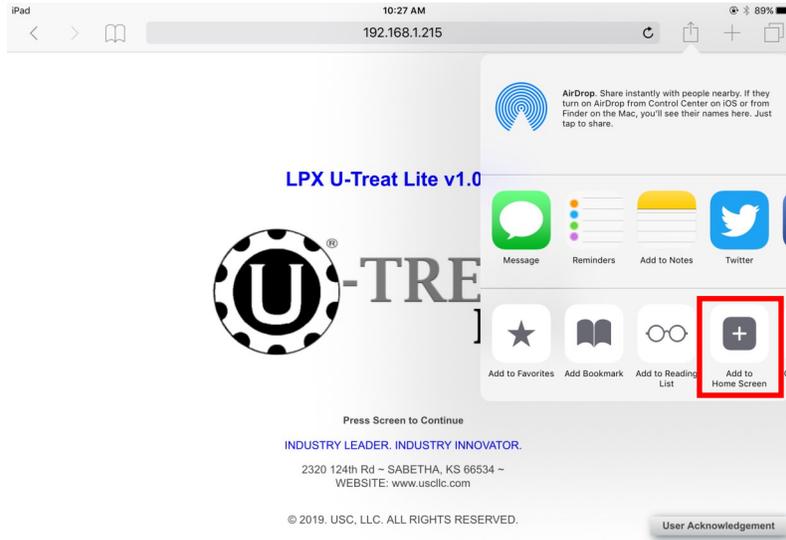
STEP 9: Select the **name field**.
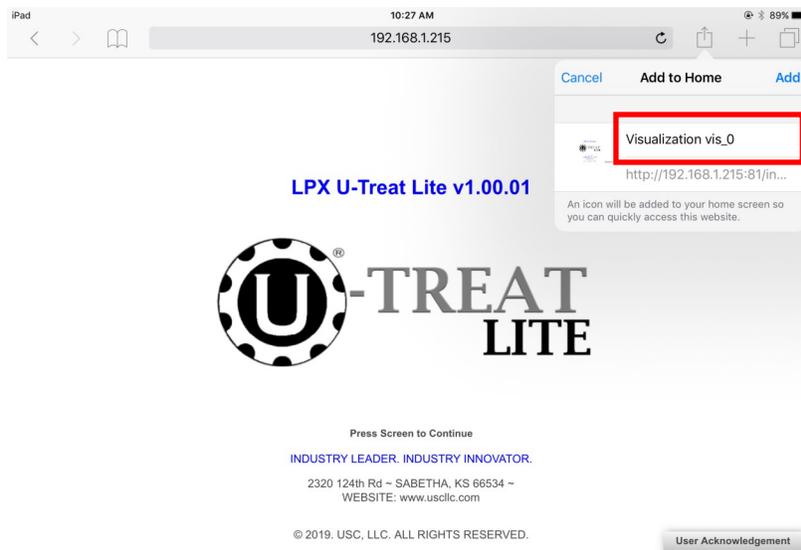
INSTALLATION INSTRUCTIONS - TABLET OR PHONE - APPLE

STEP 10: Enter a name for your app icon.
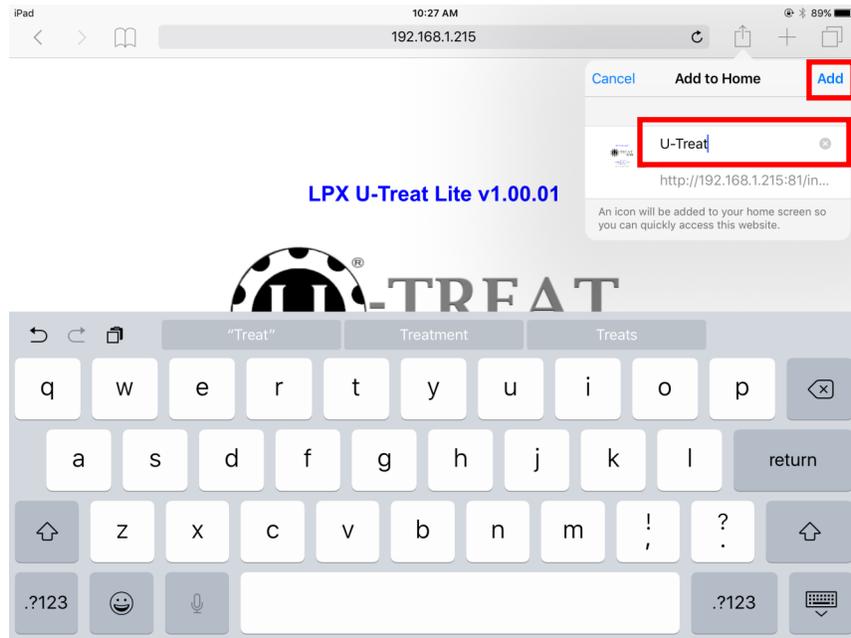
STEP 11: When you are finished a new app should appear on your home screen. After closing all windows, you may select the app icon to connect to the panel.
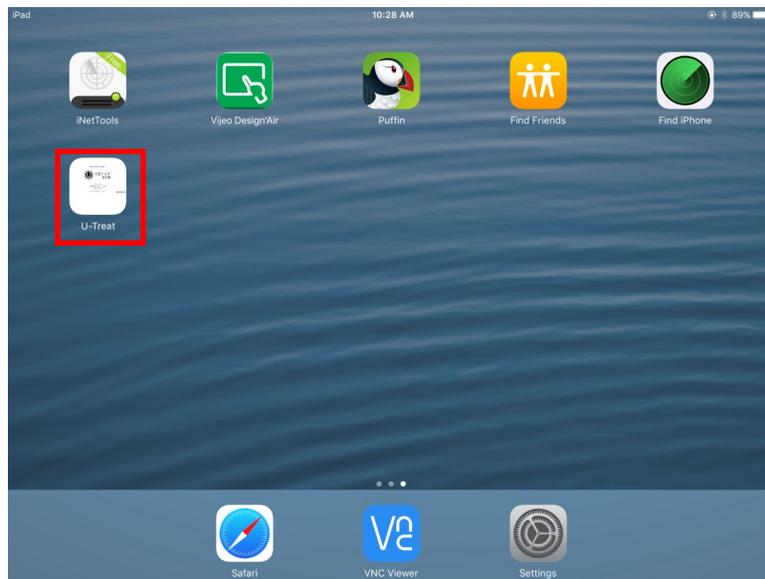
**If the screen is not displaying correctly, the zoom settings may need adjusted on the tablet/phone. Settings > Safari > Page Zoom > 100% **

INSTALLATION INSTRUCTIONS - WINDOWS DESKTOP

STEP 1: Turn on computer.

STEP 2: Open web browser and search **Chrome**.

STEP 3: Select **Download Now.**
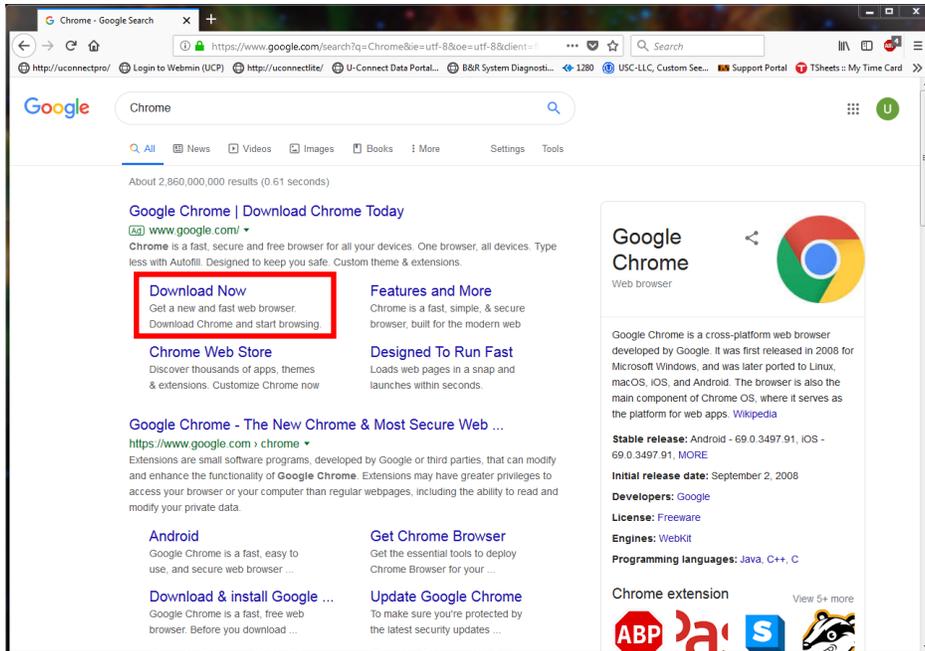
STEP 4: Select **Download Chrome** to start the chrome download.
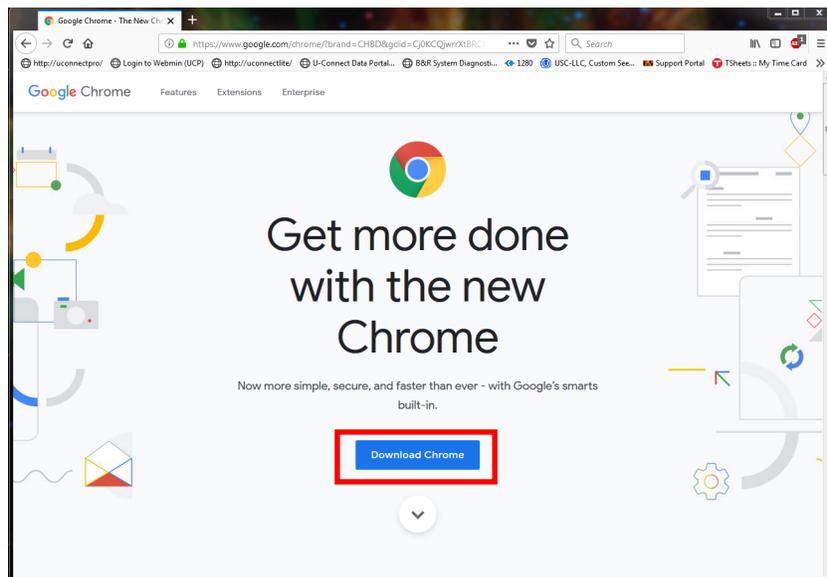
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STEP 5: If you want to use chrome as a default browser select **Set Google Chrome as my default browser**, otherwise leave that box unchecked. You may also uncheck the second box if you choose. Finally press **Accept and Install**.
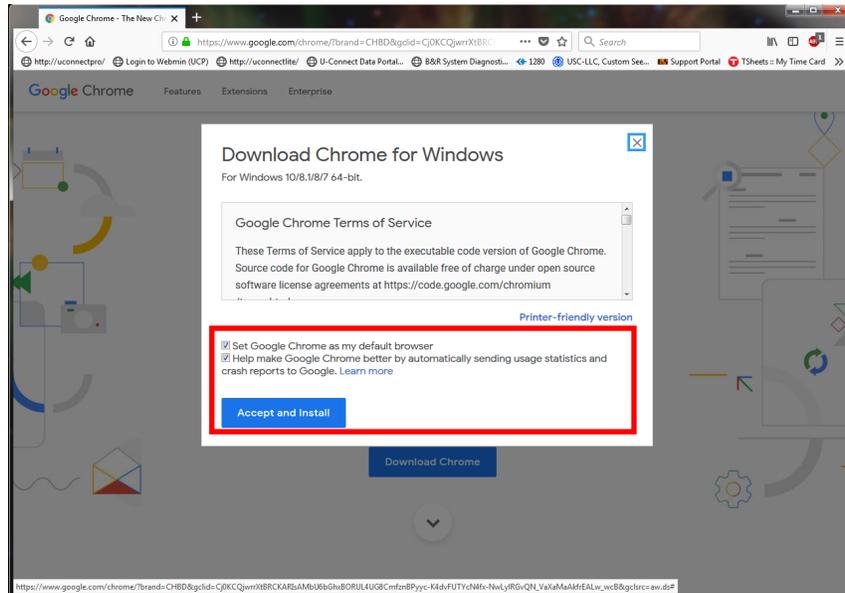
STEP 6: Next select **Save File** if a pop-up asked for us to do so.
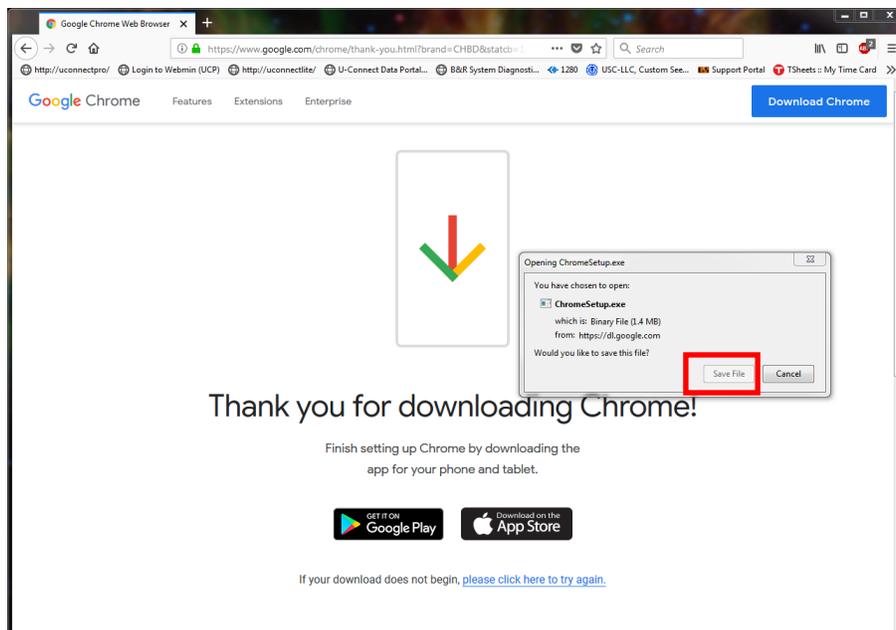
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STEP 7: Depending on the browser the file will download to your downloads folder. Locate the downloaded file.
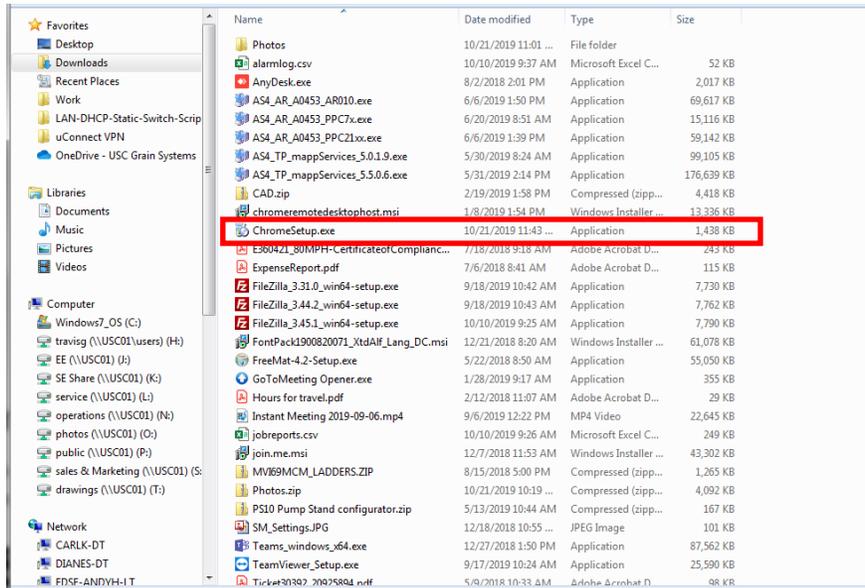
STEP 8: Next double click the file to start the chrome installation. Select **Run** if asked to do so.
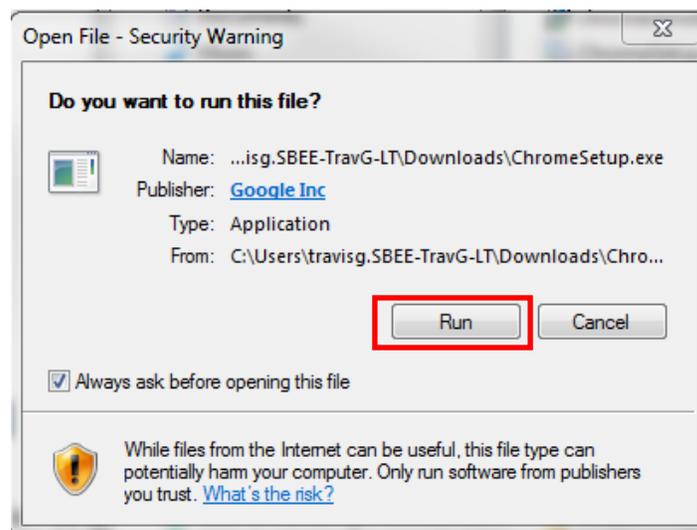
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STEP 9: A downloading dialog will appear.
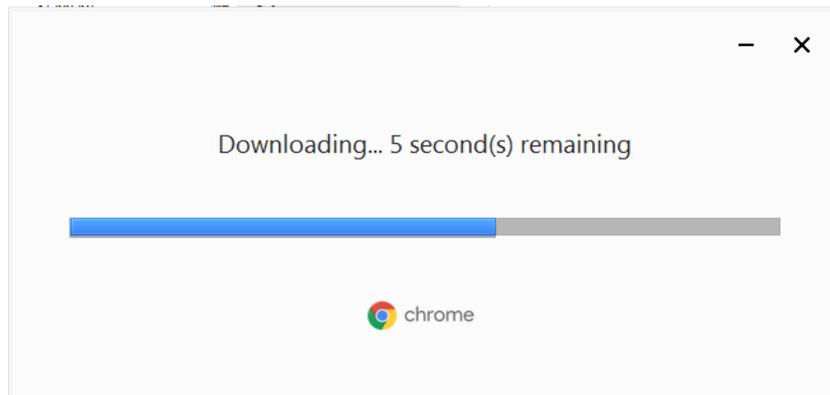
STEP 10: Once the download is finished change WIFI networks to the **USC** network and select the **address bar**.
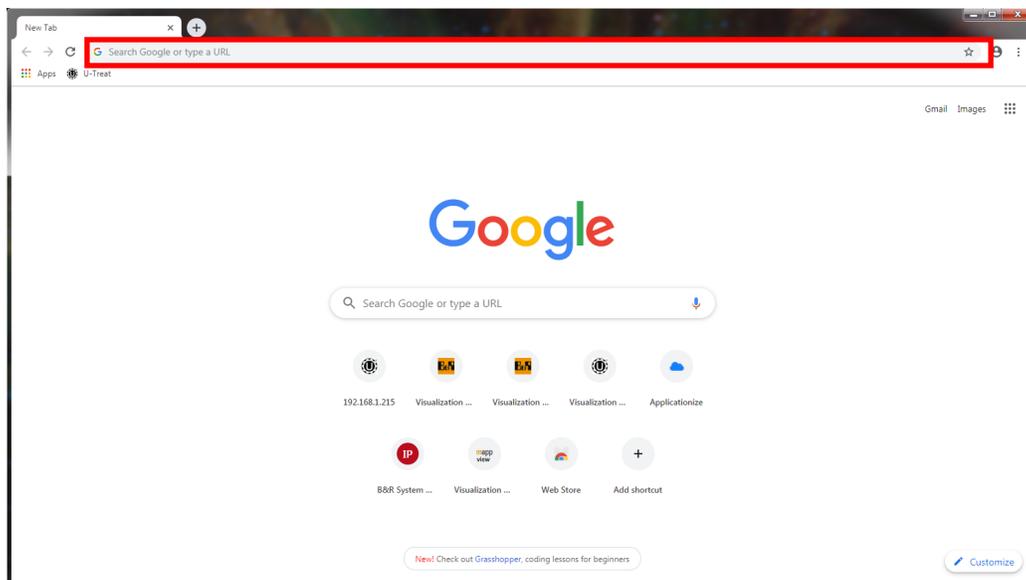
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STEP 11:

Type in the following URL for the LPX Lite:

192.168.1.215:81/index.html?visuid=vis_0

Type in the following URL for the HUB:

192.168.1.100:81/index.html

Type in the following URL for the AT500 with 10" screen:

192.168.1.215:8081/index.htm
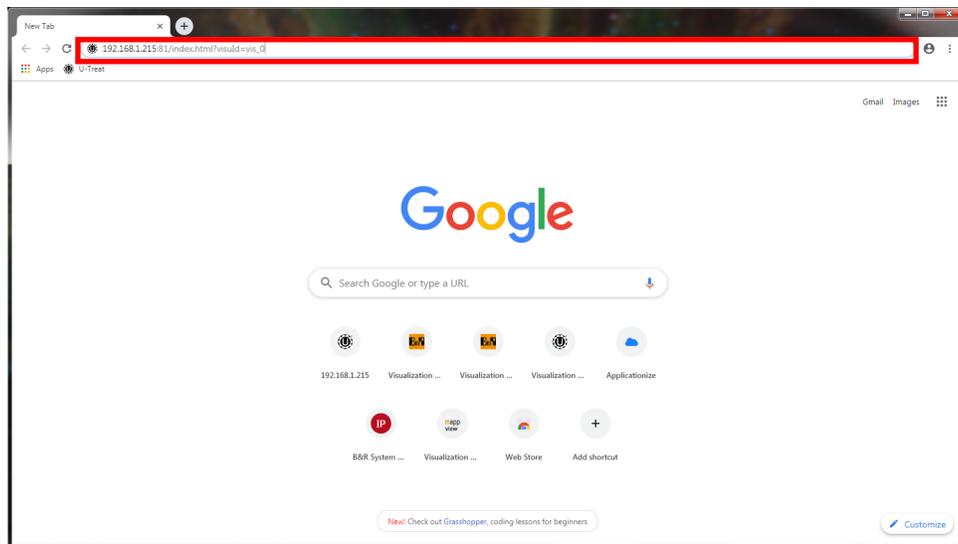
STEP 12: Press Enter. Once the program loads up, you can now bookmark the page to your toolbar by press the **Star** icon.

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STEP 13: Enter a name for your app icon.

STEP 14: Pres **CNTRL+SHIFT+B** to show the bookmarks bar. By selecting your saved bookmark, it should take you to the correct chrome page.
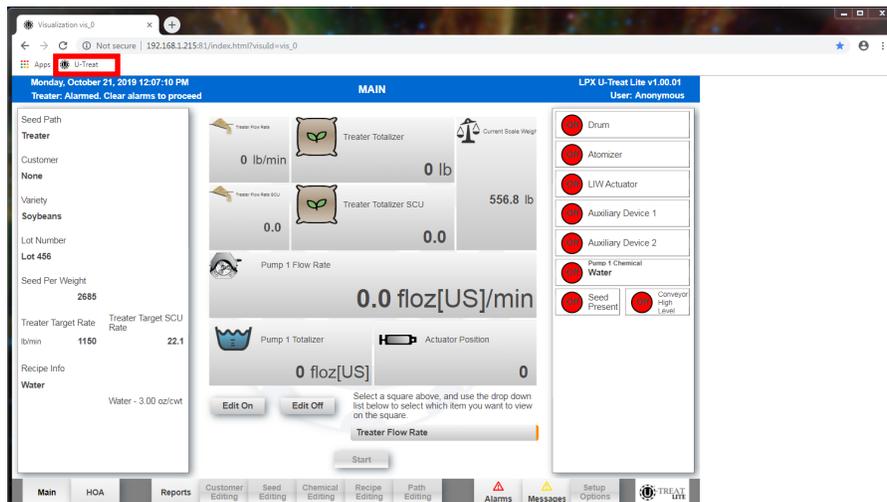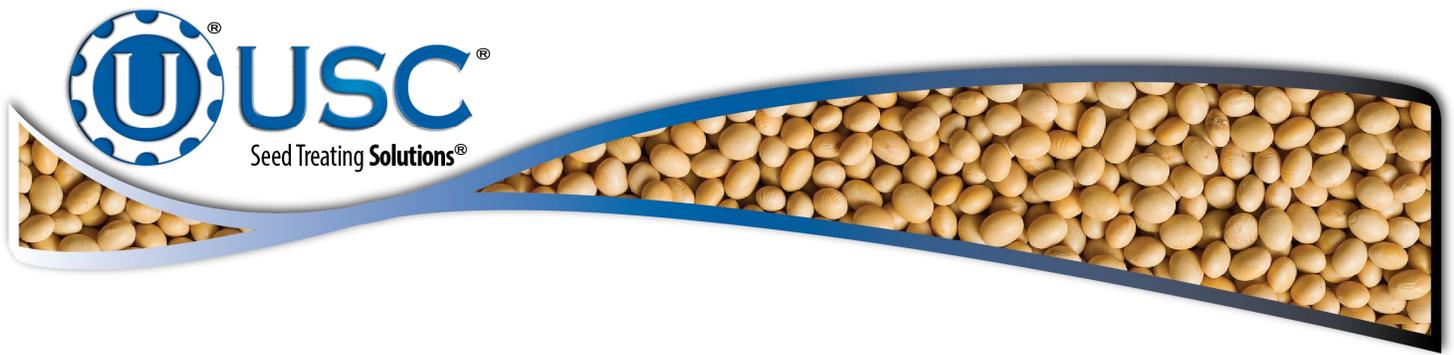
USC, LLC

2320 124th road

Sabetha, KS 66534

EMAIL: sales-team@uscllc.com

WEB: www.uscllc.com