

Certification Exhibit

**FCC ID: YCW-6098
IC: 8950A-6098**

**FCC Rule Part: 15.247
IC Radio Standards Specification: RSS-210**

ACS Report Number: 10-0163.W06.11.A

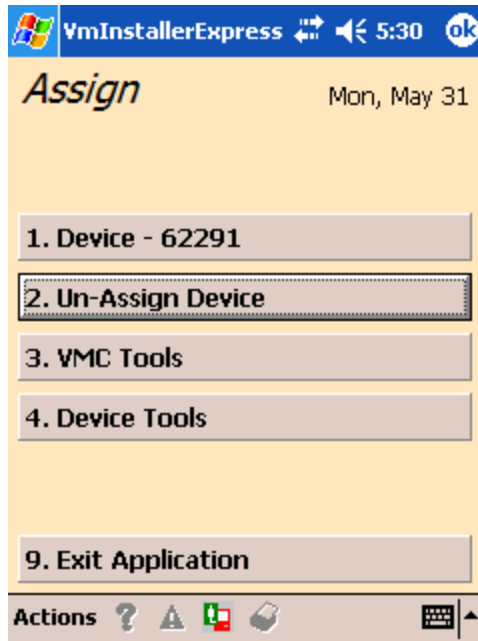
**Manufacturer: Crane Merchandising Systems Inc
Model: CR0006098**

Manual

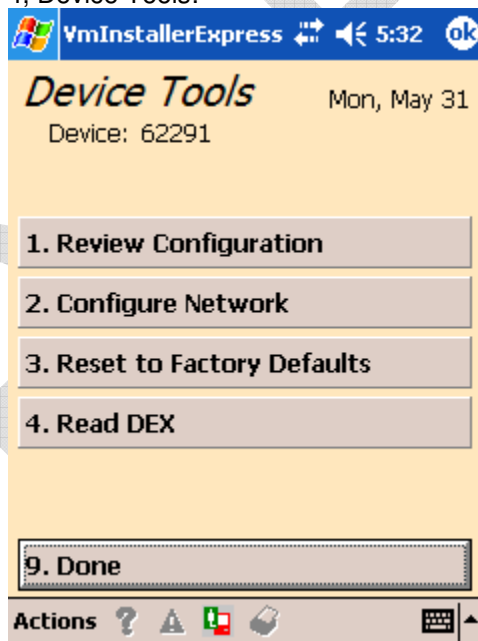
Crane Communications Module Installation and Set Up Manual

Part Number CR0006098

1. Analyze banked machines to determine good communications status machines for use as possible Gateways.
2. For selected Gateway candidates, select a centrally located machine within the Bank. Banks containing six or more machines should have 2 Gateways installed.
3. Pre-conditions:
 - Atlas-T running firmware version 8.3.17 (Release “C”)
 - Atlas-T assigned to VendMax
 - Dongle containing release 8.4.x firmware
4. Identifying Gateways and Clients:
 - A gateway would have a Atlas T WAN Module and a Crane Comm Module installed on the Atlas-T. It is important to configure the gateway prior to configuring any clients.
 - A client would have a Crane Comm Module installed on the Atlas-T and would connect to VendMax through an Atlas-T gateway.
5. The Gateway machine(s) must be set up first to establish the Crane Communications Module WLAN network. For each machine:
 - a. Load the Firmware Update by inserting the thumb drive dongle into an available USB port. When thumb drive light stops flashing remove dongle.
 - b. Power down Atlas T.
 - c. Install Crane Comm Module into the Atlas T and attach the Comm Module antenna.
Note: antenna must be mounted in the vertical axis.
 - d. If unit will be a Client, remove WAN Module.
 - e. Power up the Atlas T and wait for boot up (2 reboots) to complete.
 - f. Connect VIX enabled Handheld to Handheld Interface Port on Atlas T and begin the VIX application.
6. Configuring a Gateway:
 - In VM Installer Express (VIX), connect to the gateway (via Bluetooth or a wired connection via the Merchant DEX cable). VIX will display the Atlas-T as assigned:



- Click or choose number 4, Device Tools:



- Choose number 2, Configure Network. VIX will retrieve the Atlas-T configuration and display the discovered hardware diagnostics. Click the “Next” button:



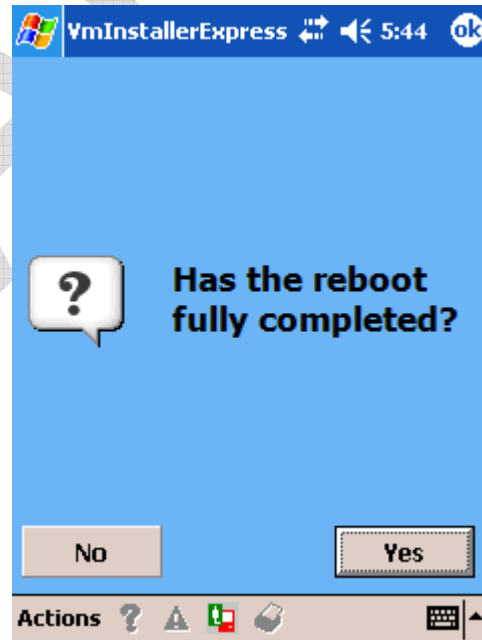
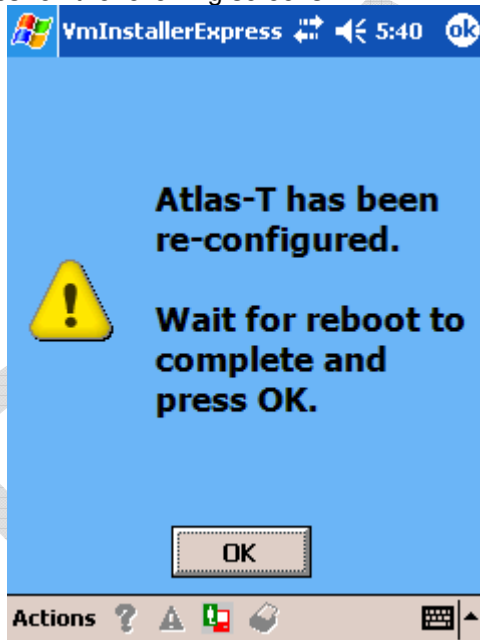
- VIX will display the current network configuration on the Atlas-T and indicate to the user what networks must be configured. The GSM device (WAN Module) will already be configured, however the user must configure IMP (Crane Comm Module). Just click the "Send Preferred to Device" button to configure IMP (Crane Comm Module) with the customer specific default values:



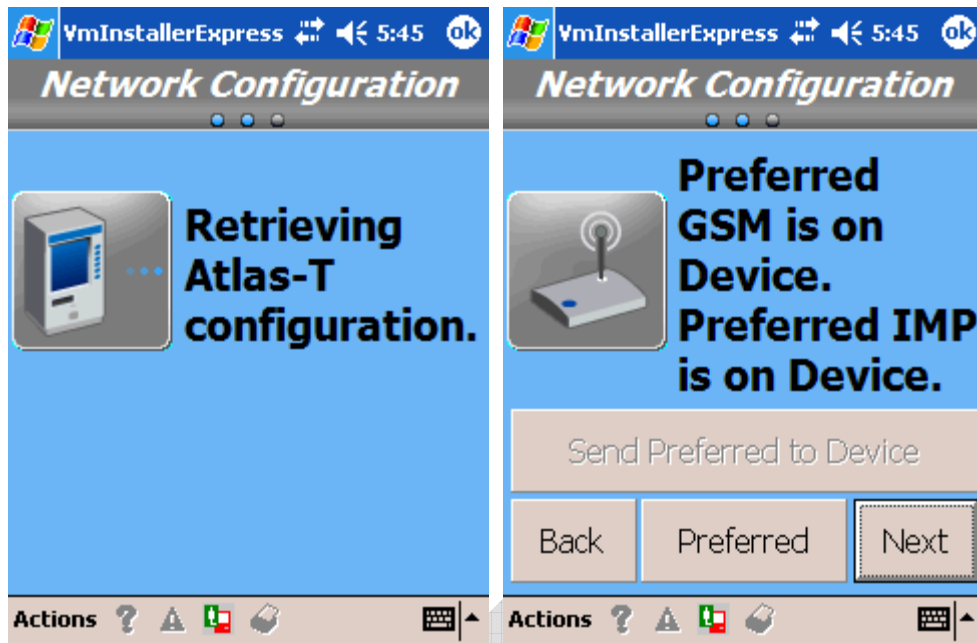
- VIX will display the following screen while it is configuring IMP (Crane Comm Module) on the Atlas-T. This operation takes a few seconds:



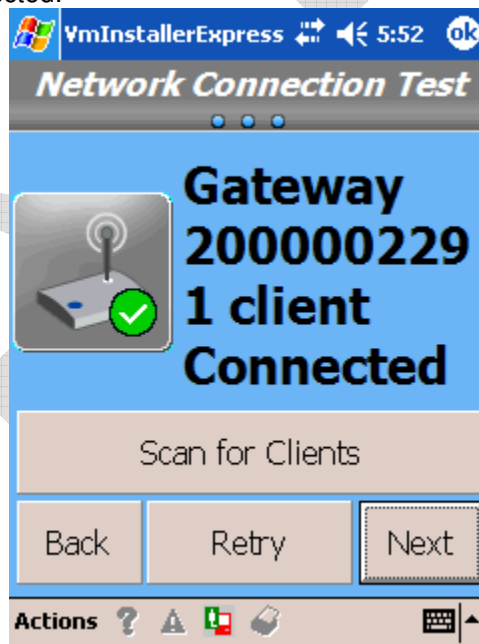
- When VIX completes the IMP (Crane Comm Module) configuration changes, the Atlas-T is automatically rebooted. When the Atlas-T completes its reboot, click “OK” and then “Yes” on the following screens:



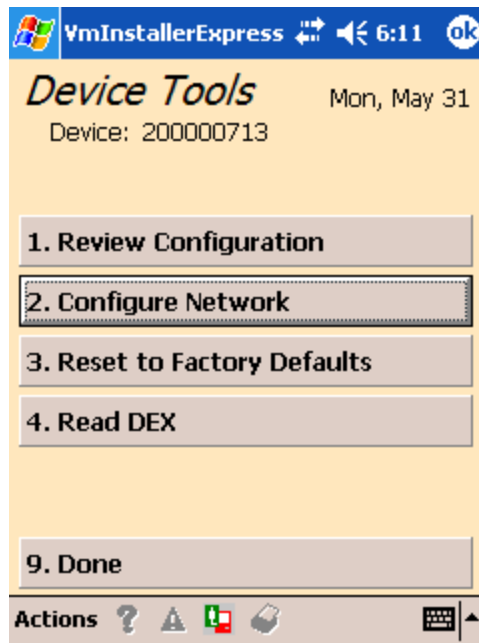
- VIX will then retrieve the configuration from the Atlas-T, and will show the user that the preferred GSM (WAN Module) and IMP (Crane Comm Module) configurations are on the Atlas-T:



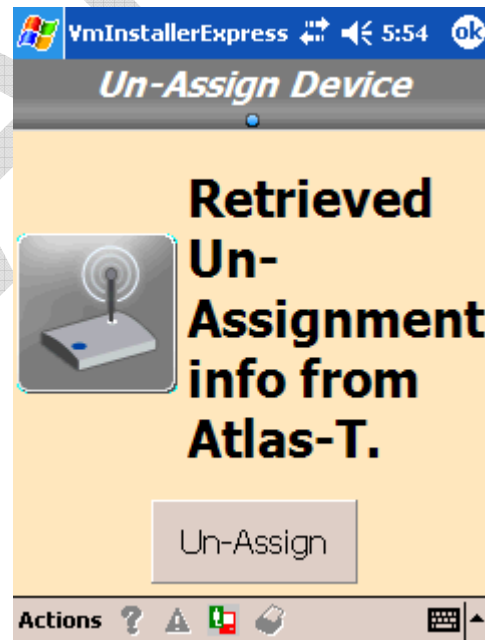
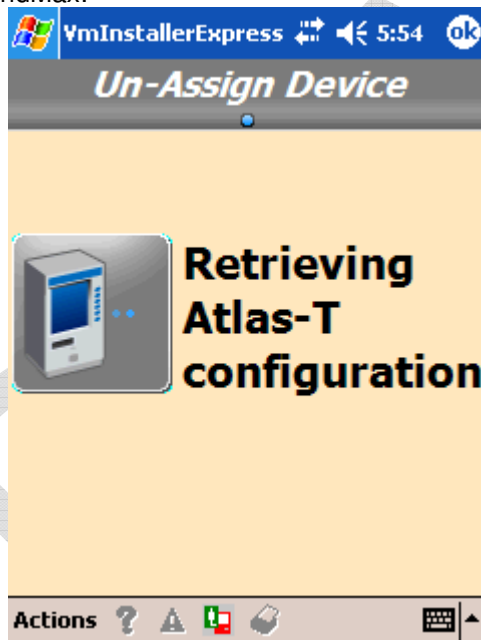
- VIX will then perform a network test and show the Atlas-T as a gateway, and display the number of clients connected:

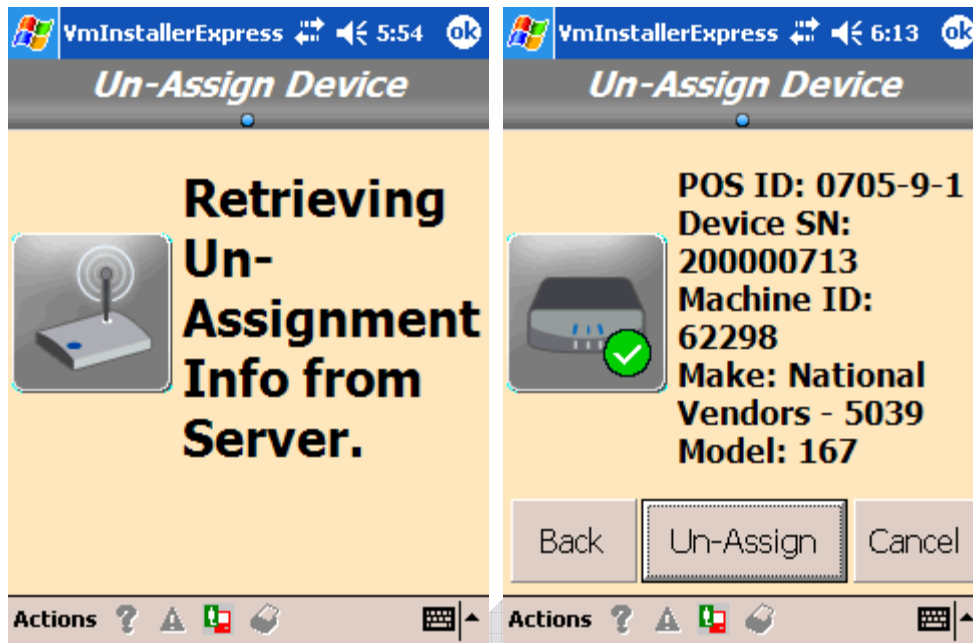


- Next click on the "9. Done" button:

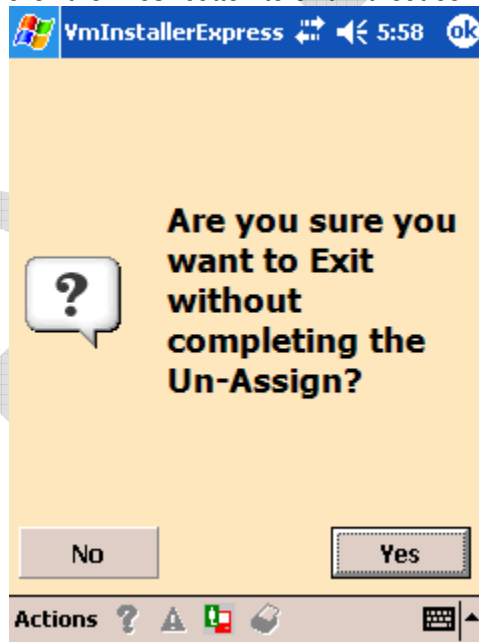


- To verify that the Gateway is successfully communicating, click on “2. Un-Assign Atlas-T” to have the Atlas-T connect to the server and retrieve the device configuration from VendMax:





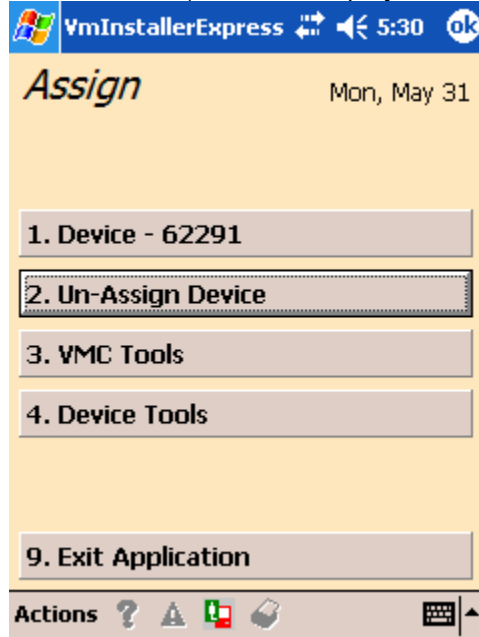
- VIX will return and display the device configuration that it retrieved from the server. Click the “Cancel” button and click the “Yes” button to exit without completing the Un-Assign:



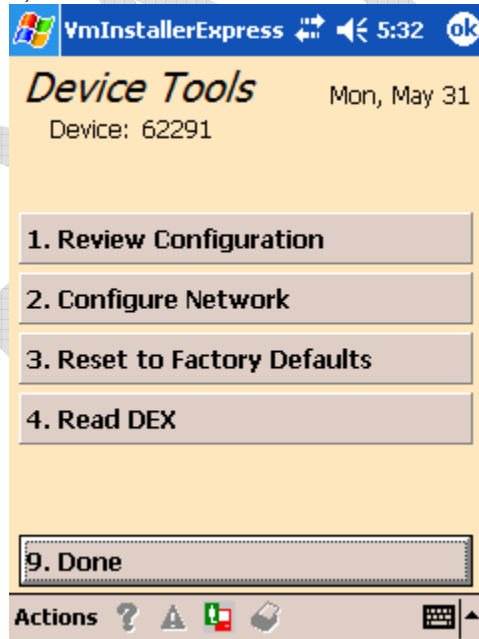
- Finished!!

7. Configuring a Client:

- In VM Installer Express (VIX), connect to the gateway (via Bluetooth or a wired connection via the Merchant DEX cable). VIX will display the Atlas-T as assigned:



- Click or choose number 4, Device Tools:



- Choose number 2, Configure Network. VIX will retrieve the Atlas-T configuration and display the discovered hardware diagnostics. Click the "Next" button:



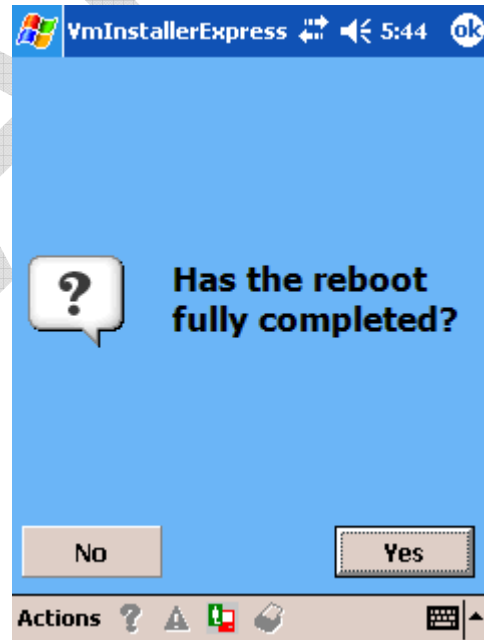
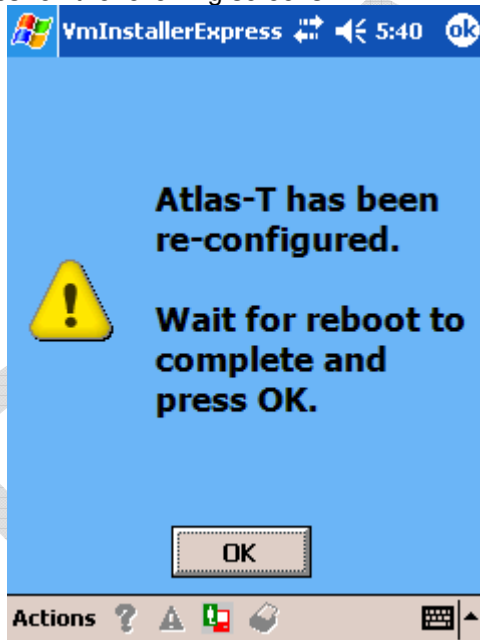
- VIX will display the current network configuration on the Atlas-T and indicate to the user what networks must be configured. The user must configure IMP (Crane Comm Module). Just click the “Send Preferred to Device” button to configure IMP (Crane Comm Module) with the customer specific default values:



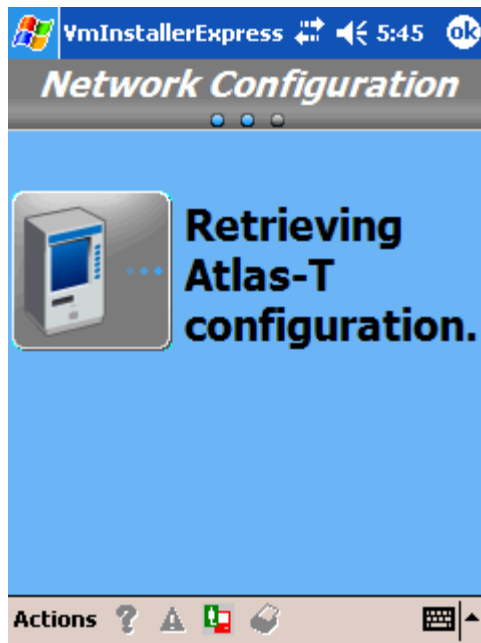
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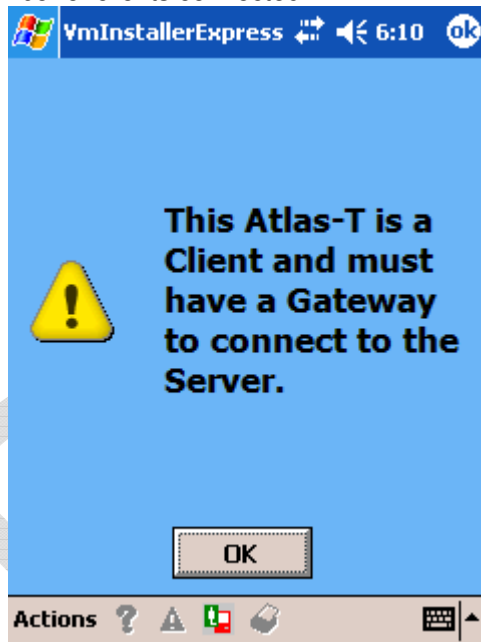
- When VIX completes the IMP (Crane Comm Module) configuration changes, the Atlas-T is automatically rebooted. When the Atlas-T completes its reboot, click “OK” and then “Yes” on the following screens:



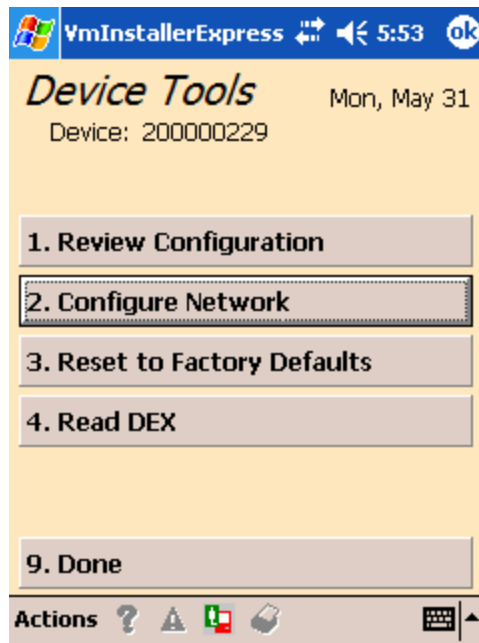
- VIX will then retrieve the configuration from the Atlas-T, and will show the user that the preferred GSM (WAN Module) and IMP (Crane Comm Module) configurations are on the Atlas-T:



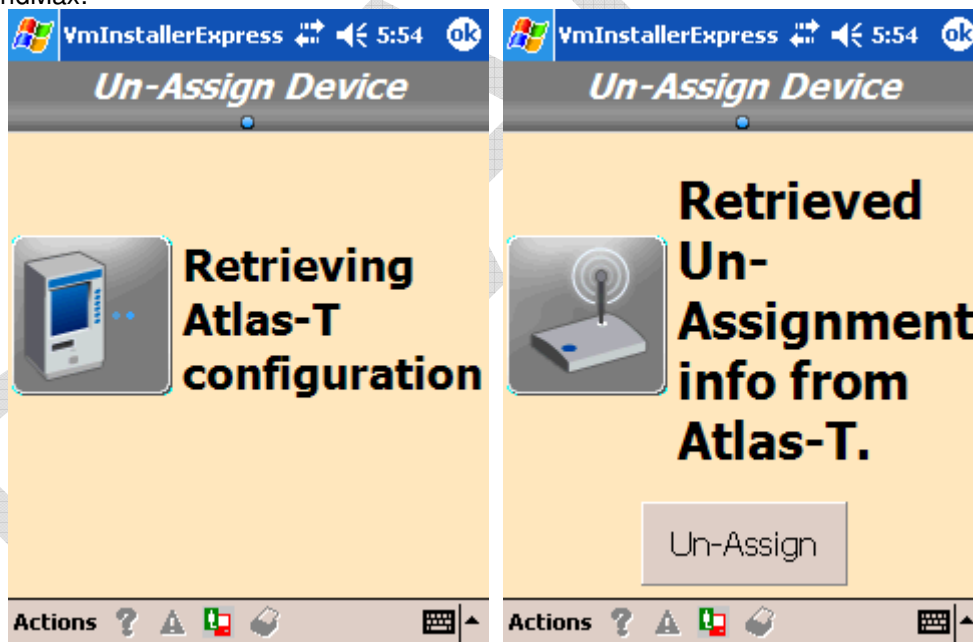
- VIX will then perform a network test and show the Atlas-T as a gateway, and display the number of clients connected:

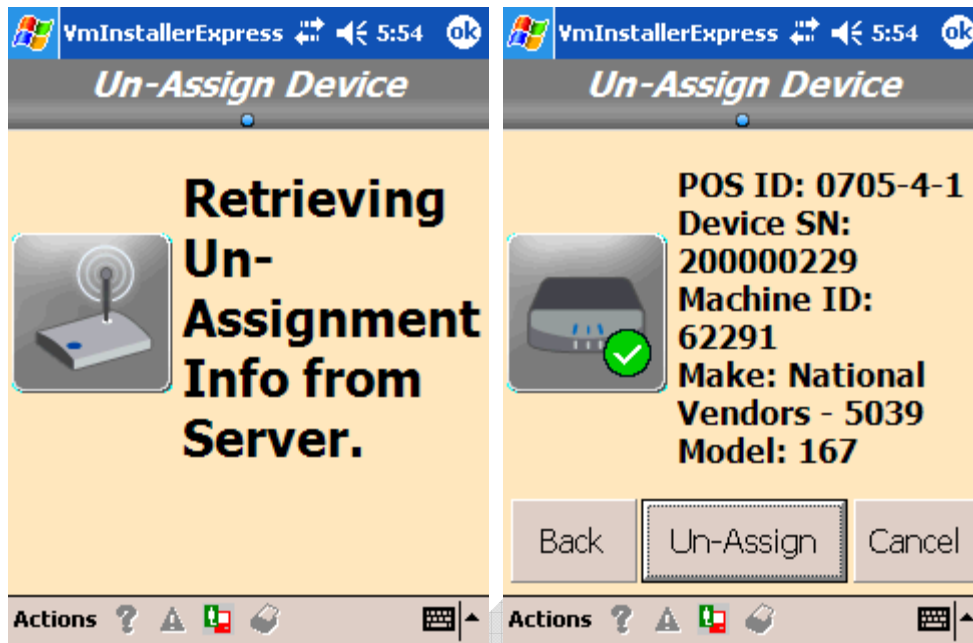


- Next click on the "9. Done" button:

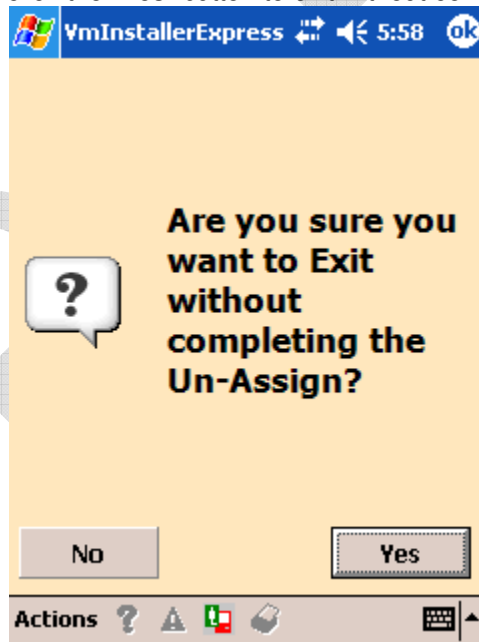


- To verify that the Gateway is successfully communicating, click on “2. Un-Assign Atlas-T” to have the Atlas-T connect to the server and retrieve the device configuration from VendMax:





- VIX will return and display the device configuration that it retrieved from the server. Click the “Cancel” button and click the “Yes” button to exit without completing the Un-Assign:



- Finished!!

FCC Regulatory Guide:

General Statements:

Warning: Changes or modifications to this device not expressly approved by Crane Merchandising Systems Inc. could void the user's authority to operate the equipment.

FCC Statements:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Industry Canada Statements:

The term "IC:" before the radio certification number only signifies that Industry Canada technical specifications were met.

This Class B digital apparatus meets all requirements of the Canadian Interference Causing Equipment Regulations. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Cet appareillage numérique de la classe B répond à toutes les exigences de l'interférence canadienne causant des règlements d'équipement. L'opération est sujette aux deux conditions suivantes: (1) ce dispositif peut ne pas causer l'interférence nocive, et (2) ce dispositif doit accepter n'importe quelle interférence reçue, y compris l'interférence qui peut causer l'opération peu désirée.

To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that permitted for successful communication."

This device has been designed to operate with the antennas listed below, and having a maximum gain of 2 dB. Antennas not included in this list or having a gain greater than 2 dB are strictly prohibited for use with this device. The required antenna impedance is 50 ohms. 1. EAD WiMag 2.4GHz ¼ Wave Element, CMS P/N CR0006933

RF Exposure:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.