Mobile Technologies 15000301 Versa EX Network Hub Instruction Manual

Product Manual for
Versa EX™ Network Hub
Compatible with Freedom Micro® II, CX Flex™
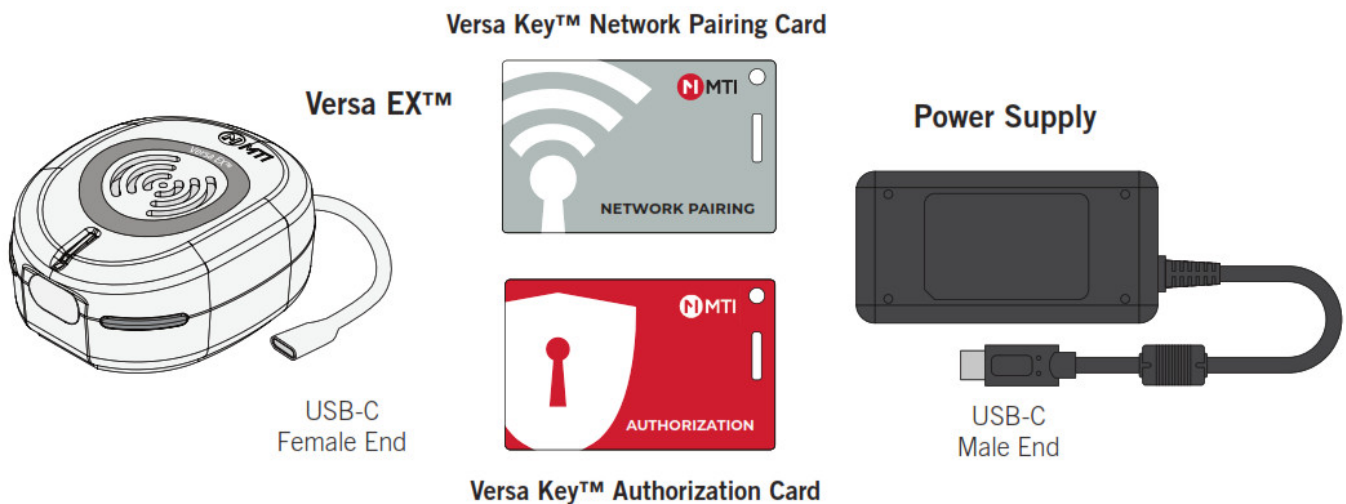**4A/1P+, MTI Locks™, and Freedom Focus™**

DO NOT REMOVE FROM STORE

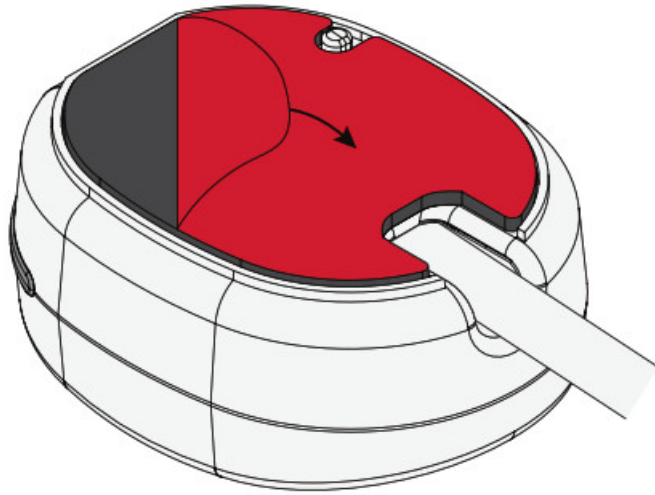For additional support, please reach out to our Contact Center at 800-426-6844

Contents

MATERIALS INBOX

Versa Key™ Network Pairing Card

Versa EX™

USB-C Female End

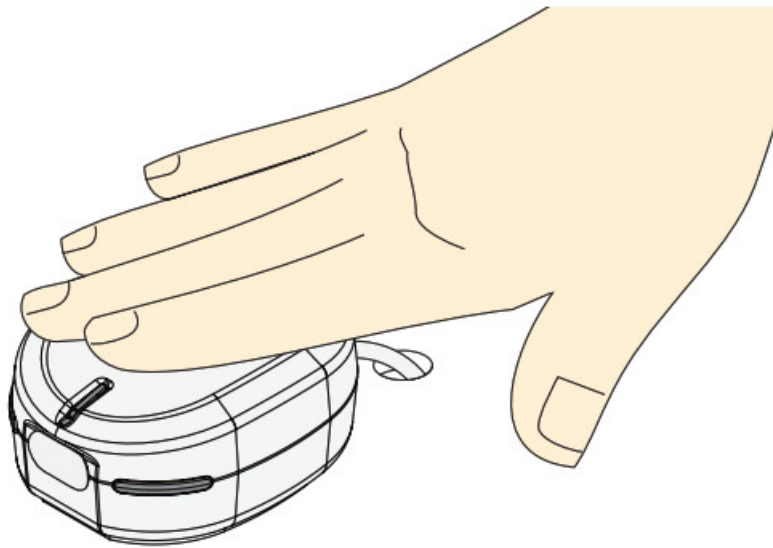Versa Key™ Authorization Card

Power Supply

USB-C Male End

INSTALLATION

1. Clean the desired surface with an alcohol pad allow it to completely dry. Peel the red film from the VHB adhesive.

2. Feed power cable through hole in the fixture (if needed), and press down on the base plate for 10 seconds for full VHB contact. Allow 24 hours for full VHB adhesion.

3. Use the individual power supply and plug it into the nearest outlet. Use an outlet installed near the equipment that is easily accessible.
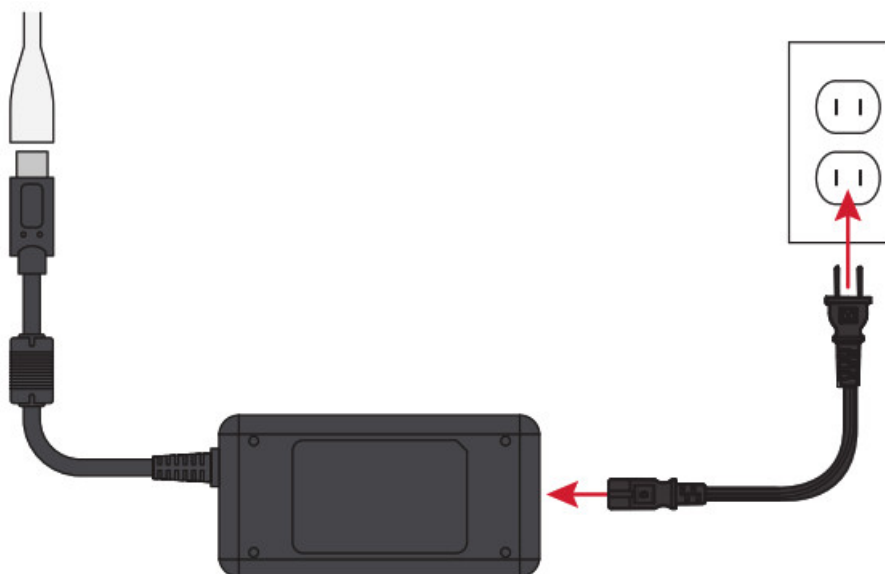
 Use only power supply with output ratings 5VDC 3A max, of PS2 or LPS.

⚠️ The socket outlet shall be installed near the equipment and shall be easily accessible.

KEY WHITELIST

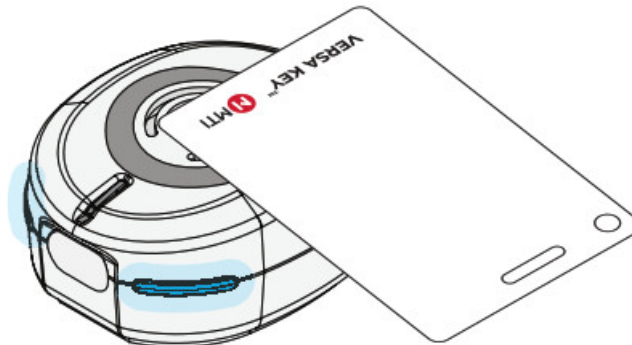1. Place Authorization Card over the RFID icon to register to the system. LED will be solid blue.

⚠️ **The system** must be disarmed to perform this operation.

2. Place the User Key over the RFID icon you want to add.

   If successful → unit beeps 2 times If unsuccessful → unit beeps 4 times (retry)

   Repeat the process for all User Keys until they are successfully added.
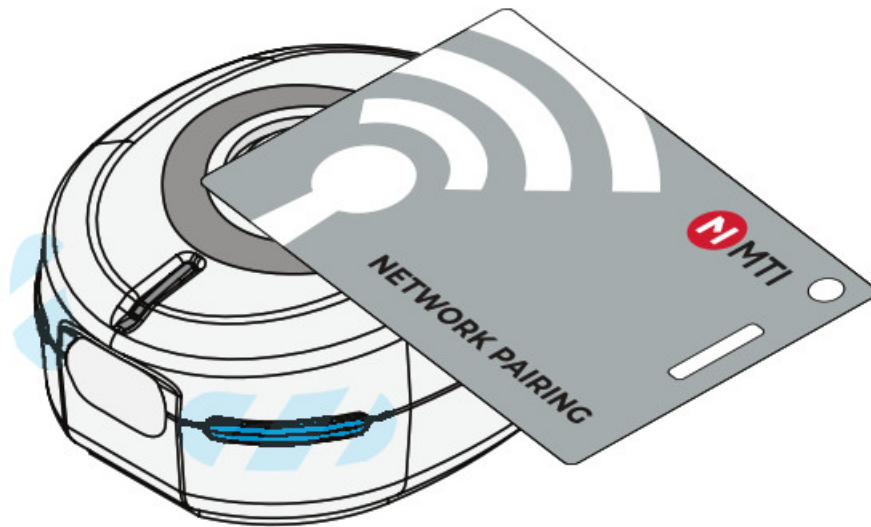

3. To close the whitelist mode, place the Authorization Card over the RFID icon. Whitelist mode will end automatically after 3 minutes of no use. LED will double flash yellow every 8 seconds on the initial setup, indicating no positions are paired to Versa EX.

PAIRING VERSA EX

1. Place Pairing Card over the RFID icon to place Versa EX in pairing mode. LED will be flashing blue.

ENTER NETWORK MODE FOR FREEDOM MICRO II

Slow Beeps

Position connects successfully to mesh network:

Double Beep

Position fails to connect to mesh network within 3 minutes:

Four Fast Reject Beeps
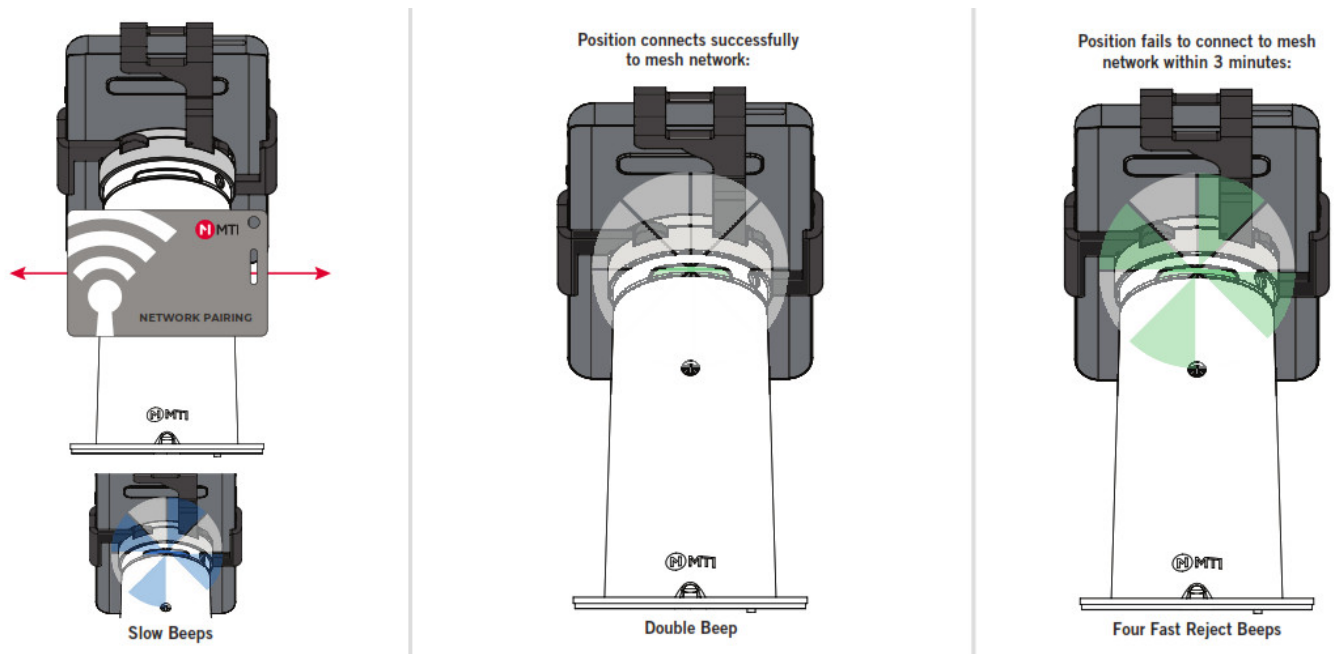
ENTER NETWORK MODE FOR MTI LOCKS

1. Swipe Network Pairing card to enter enrollment mode. You will hear slow beep tones indicating it is in pairing mode. A double beep at the end indicates successful pairing.

MANAGING ALARMS

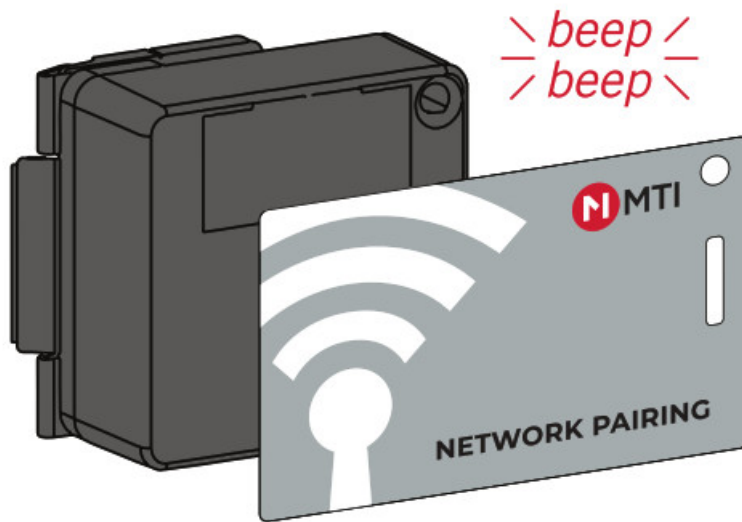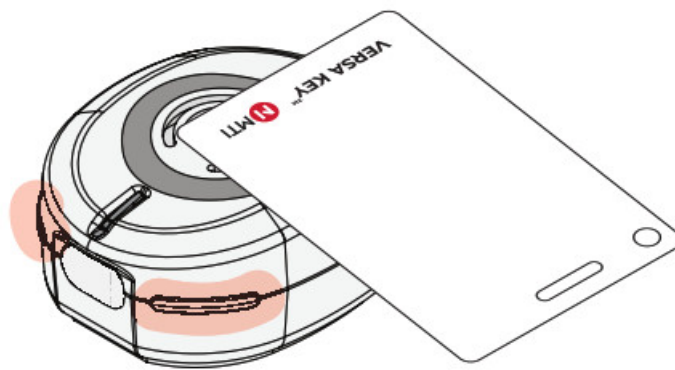1. To silence an alarm, tap the user card over the RFID icon. Will silence alarm on the position that is alarming. All other positions will remain armed. To disarm all, tap the Versa key again. To clear alarm conditions from the position, check all triggers and re-arm the whole position.

MICRO II LOCKDOWN MODE ACTIVATION

1. Tap and hold Versa Key onto Versa EX for 10 seconds. The position will double beep immediately, and then again when lockdown mode has been activated. Repeat step to toggle back to unlocked mode.
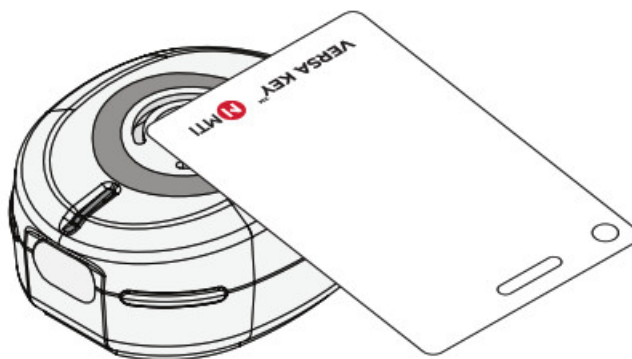
ADDING NEW USER KEYS

1. From an armed state, place the user key over the RFID icon to disarm the system. LED will be flashing white.

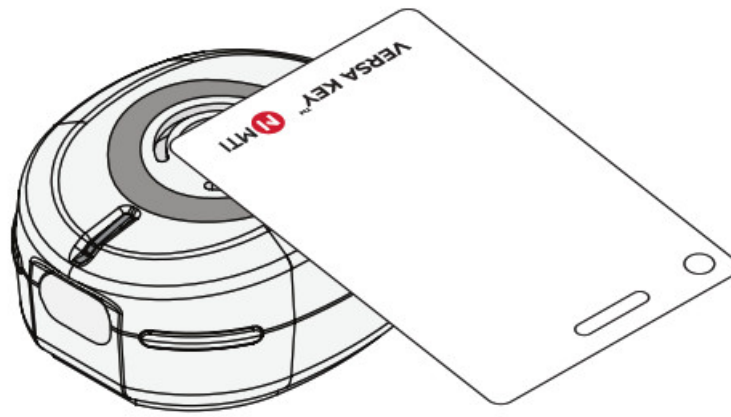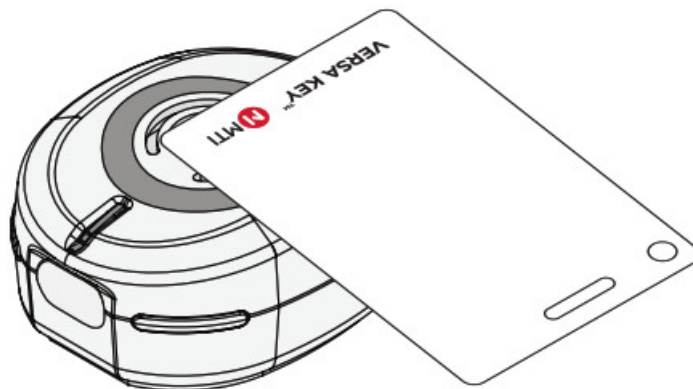2. Place Authorization Card over the RFID icon. Follow Key Whitelist process starting on page 3.

DELETING WHITELIST

(This will delete all User Keys from the system.)

1. From an Armed state, place the User Key over the RFID icon to disarm the system. LED will be flashing white.

2. Hold down the Authorization Card for 10 seconds, LED will be solid blue.

3. Place the Authorization Card over the RFID icon AGAIN while LED is blue.

   If successful →unit beeps 2 times and the LED double flashes white every 8 seconds

   If unsuccessful → unit beeps 4 times (retry)

REMOVE INDIVIDUAL KEYS FROM WHITELIST

1. From an Armed state, place the User Key over the RFID icon to disarm the system. LED will be flashing white.
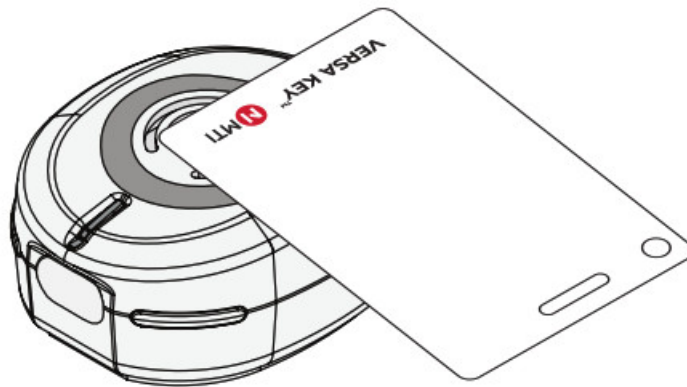
2. Place Authorization Card over the RFID icon to enter programming mode. LED will be solid blue.
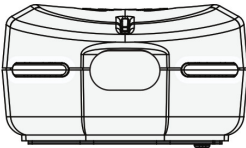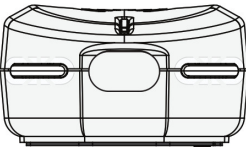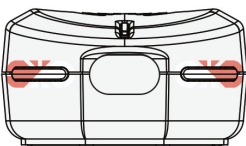
3. Hold down User Key to be removed for 10 seconds. Key will double beep immediately and then double beep confirming successful removal of the key.
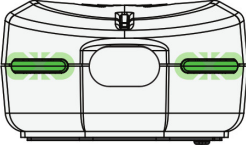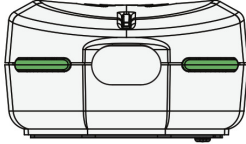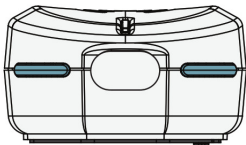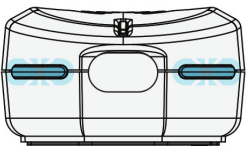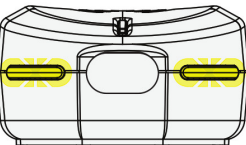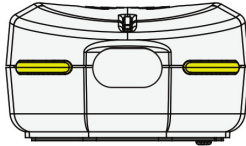
4. Place Authorization card over the RIFD icon to exit programming mode, or it will time out automatically after 3 minutes.

LED STATUS INDICATORS

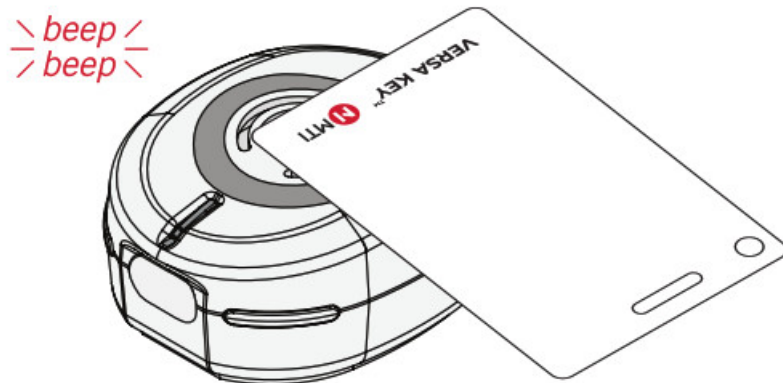| Visual Reference	System Status	Condition	Solution
	LED is solid white.	Armed	System is armed.
	LED is flashing white.	Disarmed	System is disarmed and is ready to merchandise or re-arm.
	LED is flashing red and white.	Alarm	System is alarming and requires immediate attention.

	LED is flashing green.	Factory Reset	System has no whitelist or Authorization Card. Follow key whitelist process.
	LED is solid green.	Ready to Whitelist	System has an Authorization Card but does not have any

User Keys added. Follow key white list process. |
| | LED is solid blue. | 1. Whitelist Mode (if using Authorization Card)
2. Overcurrent when armed | 1. System is in whitelist enrollment mode. Follow the whitelist process to add User Keys.
2. System has gone into overcurrent protection. Unplug any product which may be drawing too much power. |
| | LED is flashing blue. | 1. Connect Provisioning Mode
2. Overcurrent when disarmed | 1. In Connect Provisioning Mode; LEDs return to previous

Color when Provisioning is complete or times-out after ~1.5 minutes.
2. System has gone into overcurrent protection and user has disarmed the system. Unplug any product which may be drawing too much power. The system will self-heal. |
| | LED is flashing yellow. | Keys in the whitelist, no positions paired to Versa EX | Pair positions to Versa EX. |
| | LED is solid yellow. | 1. Armed, provisioned for to positions but not communicating to any positions previously paired to Mesh Network | 1. Ensure Connect Mesh is operating properly. |

DIMENSIONS
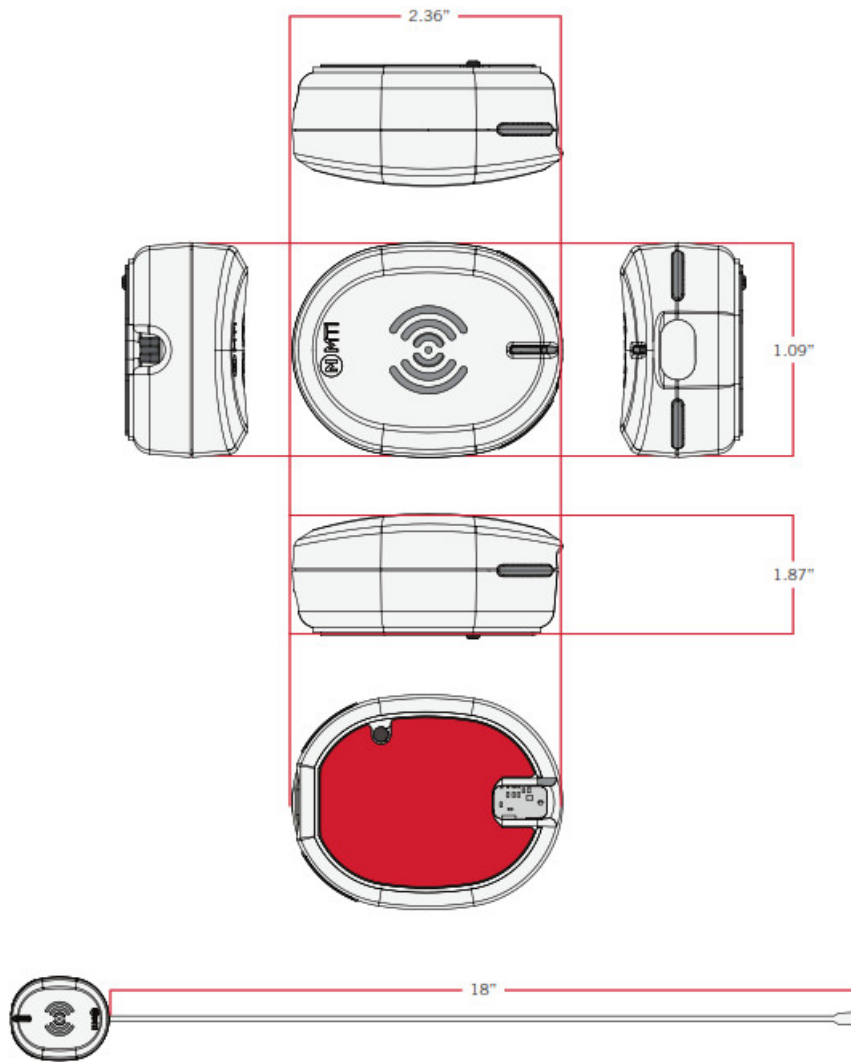
FCC AND ISED STATEMENT

This device complies with Part 15 of the FCC Rules.

Caution: If any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

The grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. Such modifications could void the user's authority to operate the equipment.

The RF Exposure Compliance distance is 20 millimeters.

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.

ISED Certification Number: 24439-15000301
Model: Versa EX
ISED Statement
This device complies with Innovation, Science and Economic Development Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.
CAN ICES-3(B)/NMB-3(B)

The device meets the exemption from the routine evaluation limits in section 2.5 of RSS 102 and compliance with RSS-102 RF exposure, users can obtain Canadian information on RF exposure and compliance.
This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with a minimum distance of 20 millimeters between the radiator and your body.

Technical Data

Operating Frequency: 125kHz
Operating Temperature: 0° C to 40° C
Max Power: 125kHz: <-10dBuA/m at 10m
Operating Frequency: 2.4GHz: 2405-2480MHz
Max Power: 2.4GHz: <4dBm

RECHARGEABLE LITHIUM BATTERY SAFETY GUIDELINES

Safety Warnings and Precautions

 DANGER

- LITHIUM-ION BATTERIES CAN POSE A RISK OF FIRE, PROPERTY DAMAGE AND SERIOUS INJURY IF DAMAGED OR USED PAST THEIR EFFECTIVE LIFE (USUALLY 14 MONTHS).
- STOP USING THE BATTERY IMMEDIATELY AND STOP CHARGING THE BATTERY IF ABNORMAL HEAT, ODOR, DISCOLORATION, DEFORMATION/SWELLING OR ANY OTHER ABNORMAL CONDITION IS DETECTED.
- Thoroughly read the user's manual before use, as inaccurate handling, storage or use of lithium-ion rechargeable batteries may cause leakage, heat, smoke, fire, or degrade battery performance.
- Lithium-Ion batteries have finite life cycles. If the time that the battery powers equipment between charges becomes shorter than usual, the battery life is at an end. Remove the device from service and contact MTI for guidance on replacement options.

 CAUTION

- Keep away from heat or open flame, especially if leakage or an odor is detected.
- When not using the battery for an extended period, remove the electronic device from service and store in a place with low humidity and controlled room temperature. Keep the cells in 50% charged state during long period storage. Recommend maintenance is to charge the battery up to 50% of the total capacity every 3 months after receipt of the battery and maintain the voltage 3.7~4.0V.
- Extended or improper storage can result in degraded battery performance and an increased risk of failure.

 FIRST-AID MEASURES

- In case of battery rupture, evacuate personnel from the contaminated areas and provide maximum ventilation to clear out fumes and gases. Avoid contact with any liquid leaking from the battery.
- If liquid leaks onto your skin or clothes, immediately flush affected areas with plenty of water and soap for at least 15 minutes and seek medical attention. Do not apply ointments unless instructed by a doctor.
- If the liquid is leaking from the battery cell gets into your eyes, do not rub your eyes. Immediately flush with plenty of water (eyelids-held open) for at least 15 minutes and seek medical attention.
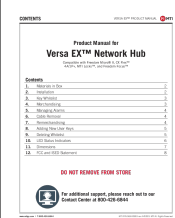
 DDITIONAL SAFETY INFORMATION

1. For indoor use only. The apparatus shall not be exposed to water.
2. No user-replaceable parts inside; refer servicing to the manufacturer or qualified service personnel.
3. Only use accessories specified by the manufacturer.
4. Do not expose to excessive heat sources.

Disposal: All electrical and electronic products including batteries should be disposed of separately from the municipal waste stream via designated collection facilities appointed by the government or the local authorities.
This product contains a rechargeable battery. Proper storage, use, and disposal of the battery is important. Please refer to the guidelines below:

1. Properly dispose of the battery; Do not dispose of the battery into a furnace/oven or into a fire or mechanically crush or cut the battery, as this could cause the battery to explode.
2. Storing the battery in an environment at higher temperatures than stated above can result in an explosion or leaking of flammable liquid or gas.
3. Subjecting a battery to very low air pressure or high altitudes can result in an explosion or leaking of flammable liquid or gas.

Documents / Resources

	Mobile Technologies 15000301 Versa EX Network Hub [pdf] Instruction Manual 15000301, 2AA2X-15000301, 2AA2X15000301, 15000301 Versa EX Network Hub, Versa EX Network Hub

References