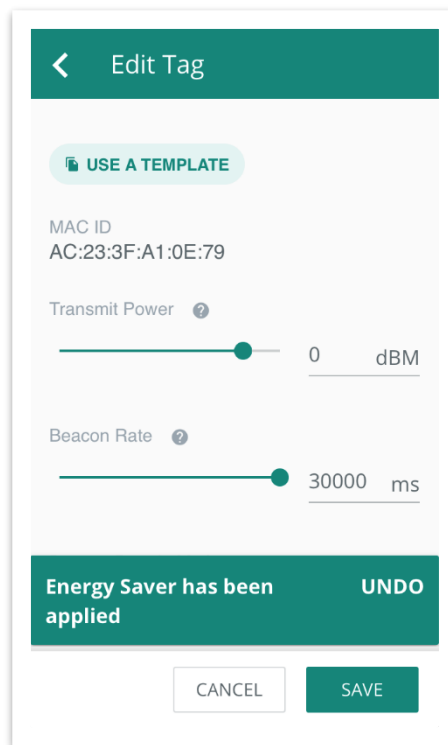


This document is intended for installers, set-up technicians and IT professionals of Trellix products.

Important: Engage appropriate network security professionals to ensure all lighting control system hardware and servers are secure for access. Ensure IT professionals review the WaveLinx network architecture document found at the end of this manual.

Network security is an important issue. Typically, the IT organization must approve configurations that expose networks to the Internet. Be sure to fully read and understand customer IT Compliance documentation.



 **WARNING**

Read all the instructions thoroughly before installing this product.

This manual provided information on the installation and operation of Trellix Locate. For proper operation it is important to follow the instructions.

The purpose of this document is to provide sufficient instructions for installation and basic troubleshooting.

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1 - About this Document

This document describes how to use the Trellix Tag Configuration Manager application to view and edit the properties of Trellix Locate Tags.

IMPORTANT

This document does not cover the initial Trellix Locate installation and setup. Please refer to the Trellix Locate Quick Start Guide if you are installing Trellix Locate for the first time.

The information and procedures in this document assume that

- You have downloaded the Trellix Tag Configuration Manager app from the Apple App Store or Google Play Store to your phone
- You have one or more Trellix Bluetooth beacons in close physical proximity

1.1 - Key Terms

The terms listed below are used in this document.

- **Tag** – A Bluetooth low energy (LE) device, sometimes referred to as a Beacon, that broadcasts its identifier to nearby portable electronic devices.
- **Bluetooth LE** – A wireless personal area network technology designed aimed at novel applications in the healthcare, fitness, beacons, security, and home entertainment industries.
- **MAC address** – The Media Access Control address of a device is a unique identifier assigned to a network interface controller (NIC). For communications within a network segment, it is used as a network address for most IEEE 802 network technologies, including Ethernet, Wi-Fi, and Bluetooth.

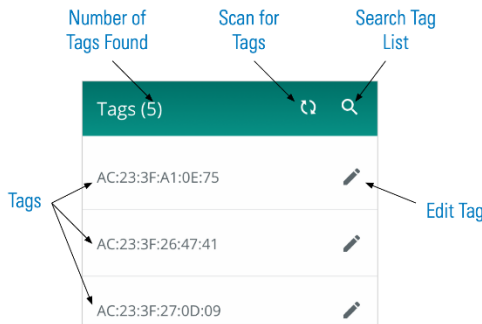
1.2 - Related Documentation

Refer to the documents listed below for additional information.

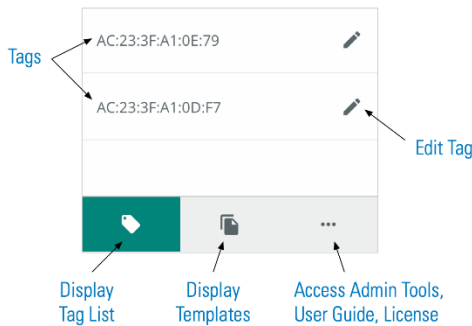
Document	Description
<i>Trellix Locate User Manual</i>	This manual covers the normal use of a Trellix Locate system
<i>Trellix Locate Setup and Configuration Manual</i>	This manual covers the details processes and procedures necessary to set up a Trellix Locate system.

2 - Overview

The Trellix Tag Configuration Manager is a mobile app for iOS and Android phones. It lets you view and edit the properties of Eaton Bluetooth LE tags.



Main Screen – Top



Main Screen – Bottom

2.1 - Requirements

Trellix Tag Configuration Manager has been tested with iOS 11 and 12, and with Android 8 and 9. For Android device, Eaton recommends the following for best results: Google Pixel 2, Google Pixel 3, Samsung Galaxy 8, or Samsung Galaxy 9.

You must have Bluetooth enabled on your mobile device to use any Tag Configuration Manager features.

2.2 - Communication Distance

The Tag Configuration Manager is designed to work with Tags that are within 3 meters (10 feet) of your mobile device.

2.3 - Tag Hardware and Activation Details

The table below describes the hardware for each tag type and how it is activated.

Model	Description	Activation	Features
TRX-TAG-BDG (C7)	Badge – 2 Year	<ul style="list-style-type: none"> Press and hold external power button for 3 seconds. LED will illuminate for 5 seconds and then the tag will start broadcasting. 	2-year battery, motion sensor, RFID sensor, external button.
TRX-TAG-AST2 (E7)	Asset – 2 Year	<ul style="list-style-type: none"> Open the rotatable housing, then press and hold internal button for 3 seconds. LED will illuminate for 5 seconds and then the tag will start broadcasting. 	2-year battery, motion sensor, internal button.
TRX-TAG-AST2 (i3)	Asset – 5 Year	<ul style="list-style-type: none"> Insert battery to activate. 	5-year battery.
TRX-TAG-AST2 (E8)	Asset – 1 Year	<ul style="list-style-type: none"> Pull tab to remove plastic sheet and activate. 	9-month battery, motion sensor.
TRX-TAG-AST2 (S1)	Sensor – 3 Year	<ul style="list-style-type: none"> Press and hold external button for 3 seconds. 	3-year battery, motion sensor, temperature sensor, humidity sensor, external button.
TRX-TAG-AST2 (B6)	Bracelet – 1 Year	<ul style="list-style-type: none"> Activated by magnet. 	1-year battery.

3 - Managing Tags





This section covers the Tag viewing and editing operations.

NOTE

Due to a limitation in the current Android platform, it is strongly recommended that you use iOS to manage tags.

3.1 - Scanning and Viewing Tags

Follow the steps below to scan and view nearby Tags:


1. Tap  in the navigation bar to display the list of Tags.
2. If the  icon is spinning, the app is already scanning for nearby Tags. Otherwise, tap  to start a scan.
3. A scan will run for 120 seconds. After that time, up to 100 Eaton Tags within range will be displayed on the list.
4. To filter the list of Tags, tap , and then enter the MAC address characters you are looking for (they will be matched anywhere in the address.)

3.2 - Viewing Battery Level and Editing Tag Configuration

Follow these steps to view and edit Tag configuration:


NOTE

If the Beacon Rate for a Tag is set to more than 10 seconds (10,000 ms), it may cause problems with future updates.

1. In the Tag list, tap  beside the Tag you want to edit.
2. Enter the tag's password, and then select **Remember this password** to reuse it until you quit the application.
3. Tap **Connect**, and the wait for the Tag editing screen to appear.
4. View the **Battery Level** of this Tag.
5. Edit Tag properties such as **Transmit Power** or **Beacon Rate** by:
 - a. Editing the properties directly, or
 - b. Tapping **Use a Tag Template**, then select one the templates listed.
 - c. Tapping **Save**.
6. When the **Update Success** message appears, tap **<** to return to the Tags list.


3.3 - Bulk Editing Tags

Follow these steps to make changes to multiple Tags in one operation:

1. Tap  in the navigation bar, and then tap **Admin Tools**.
2. Click **Continue** to confirm you are authorized to access these features.
3. Tap **Bulk Edit**.
4. Select the Tags you want to edit, or tap **Select All** to edit all available Tags, and then tap **Next**.
5. Enter the Tags' password. Select **Remember this password** to reuse it until you quit the application.
6. Tap **Connect**.
7. Edit Tag properties such as **Transmit Power** or **Beacon Rate** by:
 - a. Editing the properties directly, or
 - b. Tapping **Use a Tag Template**, then select one the templates listed.
 - c. Tapping **Save**.
8. Edit the properties that will be changed on all the selected Tags, such as **Transmit Power** or **Beacon Rate**, and then tap **Save**.
9. When the **Update Success** message appears, tap **<** to return to the Tags list.

3.4 - Changing the Password on One or More Tags

Follow these steps to change the password of multiple Tags in a single operation:

1. Tap  in the navigation bar, and then tap **Admin Tools**.
2. Click **Continue** to confirm you are authorized to access these features.
3. Tap **Change Password**.
4. Select the Tags that will have their password changed, or tap **Select All** to change it on all available Tags, and then tap **Next**.
5. Enter the existing Tags' **Old Password**, and then enter and confirm the **New Password**.

NOTE

The password must be exactly eight characters long and consist of only alphanumeric characters (no spaces or special characters).

1. Tap **Save Password**.
2. When the **Update Success** message appears, tap **<** to return to the Tags list.



3.5 - Editing Tag Templates

Tag Templates contain preset values for common use cases, such as People Tracking.

NOTE

A template is used to apply the preset values when setting up a tag, but this does not create a connection between the template and the tag. If you modify the template later, the tag will not be affected.

Follow these steps to use Tag Templates:

1. Tap  to show the available templates.
2. Tap  beside a template to rename it, then edit the **Name**, and then tap **Save**.

FCC Statement

• 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.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Note: 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.

Note: The 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.

This device complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons.

Warranties and Limitation of Liability

Please refer to www.eaton.com/LightingWarrantyTerms for our terms and conditions.

Garanties et limitation de responsabilité

Veuillez consulter le site www.eaton.com/LightingWarrantyTerms pour obtenir les conditions générales.

Garantías y Limitación de Responsabilidad

Visite www.eaton.com/LightingWarrantyTerms para conocer nuestros términos y condiciones.

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