Token

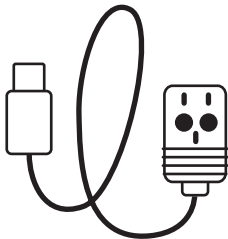**Next-Generation MFA for the Strongest Security**

User Guide

Token

Congratulations on choosing the strongest MFA with the greatest user convenience.

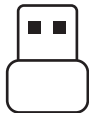**Token Smart Ring provides the ultimate protection against phishing, ransomware and data breaches.**
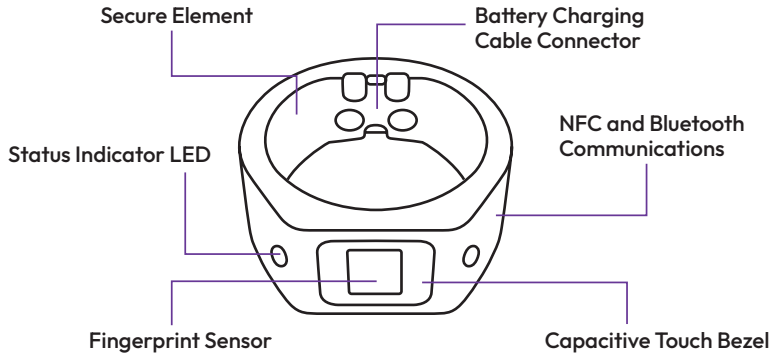
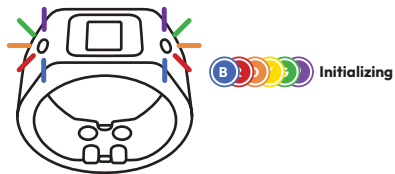## What's in the Box?
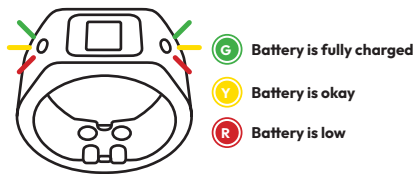
Token Smart Ring

Charging Cable

USB-C to USB-A Adapter

Your Token Smart Ring

Secure Element

Battery Charging
Cable Connector

NFC and Bluetooth
Communications

Status Indicator LED

Fingerprint Sensor

Capacitive Touch Bezel

Charging the Token Smart Ring

Initializing

Every time the ring is connected to the charging cable, a rainbow pattern will display on the ring's LEDs and the ring will begin charging.

G Battery is fully charged

Y Battery is okay

R Battery is low

While the ring is charging, the LEDs will blink with the corresponding battery status color. The LEDs must illuminate solid green before moving to the next step. This could take up to 2 hours.

*If the Token Smart Ring LEDs are not illuminating any lights or the ring is not charging, please proceed to the Token Tips page located at the end of this guide.

Registration Best Practice

When registering your fingerprint to your Token Smart Ring it is important that you scan an area that is not too large or too small. The recommended scan area is from the tip of your finger to about halfway to the first knuckle. This will ensure the best possible authentication performance from the ring.
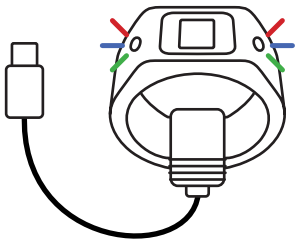
Recommended fingerprint scan area on your finger.

Getting Started
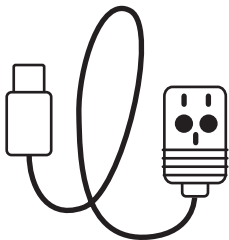
Remove the charging cable from the box and plug it into a continuous power source. You can plug the USB-C connector directly into your desired power source or opt to use the USB-C to USB-A adapter.

Remove the Token Smart Ring from the packaging and connect it to the charging cable. The cable and ring are keyed to prevent misalignment.

Download Token Application

The ring will display solid green LEDs when it is fully charged.

Once your ring has been charged and displays solid green LEDs, you are ready to continue setup.

With your mobile device, please navigate to either the Google Play or Apple App store and search for "Token Ring," and install the app.

Once the download has completed, open the application, and follow the simple set-up guide.
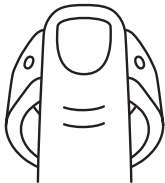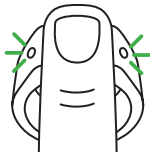
Android   **iOS**

Authenticating

Tap Twice

Place the ring on your finger. With the finger you set-up the ring with, tap the sensor twice. The ring's LEDs will illuminate white when it is ready to scan your finger. Place your fingerprint on the sensor and hold it there until you receive either two green or two red confirmation blinks.

HOLD

x2 (G) = Authenticated

When your fingerprint has been scanned successfully and authentication is successful, two green blinks will illuminate. The ring will then proceed to blink either purple or blue depending on what wireless protocol has been used last. See next page for a detailed description on this behavior.

HOLD

x2 (R) = Authentication Failed

If your fingerprint authentication was unsuccessful, the ring's LEDs will blink red twice. Please double tap the sensor and try again.

Switching Authentication Modes

The Token Smart Ring supports both BLE and NFC wireless communication protocols for authentication. It is possible to switch back and forth between the two modes depending on your authentication needs. After successfully authenticating to the ring, the ring will start blinking purple (NFC), or blue (BLE). To switch protocols simply tap the sensor once. The ring will save whichever protocol was used last as the default protocol for the next successful authentication.

TAP

NFC

TAP

BLE
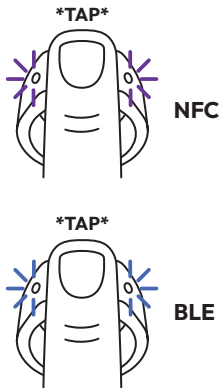
Tap Gestures

The Token Smart Ring utilizes "Tap Gestures" to initiate functions, making authenticating with NFC or BLE, and checking battery life very easy.

TAP

To check your battery status, do a light single tap on the fingerprint sensor. The LEDs will illuminate with the corresponding battery level color.

x**1** (G) (Y) (R)

To authenticate, tap the sensor twice. White lights will illuminate on the rings LEDs indicating the ring is ready to scan your fingerprint. If authentication is successful the ring will blink green twice. See pages 9 and 10 for more detail.

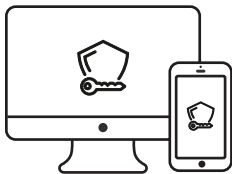***TAP* *TAP***
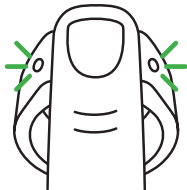
x**2** (G)

Tap Gestures Cont.

You can cancel any action by pressing and holding the fingerprint sensor until the LEDs turn off.

HOLD

Establishing Token Smart Ring as Security Key

To set up the ring as your security key, navigate to the application account security settings and enable the use of a security key over NFC. Follow the steps for your application to establish your Token Smart Ring as the most secure way to log into your account.

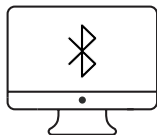Visit tokenring.com for a full list of supported applications

If you would like assistance with establishing a security key for your applications, please visit tokenring.com/support or reach out to our support team.

email: Support@tokenring.com
phone: (866) 328-7464

Using Token Smart Ring for BLE


TAP *TAP*

Pair your ring to your computer as you would any other Bluetooth device. To put the ring in bluetooth pairing mode first authenticate to the ring and switch to BLE mode. Once you have the blue blinking LEDs, double tap the sensor. The LEDs will remain blinking blue and the ring should appear in the list of available devices to pair.

Next navigate to a login screen and login. When the application asks you to turn on your security key, authenticate to the ring by double tapping and scanning your finger. If you see the flashing purple LEDs; tap the sensor once to switch to BLE mode. The LEDs will change to flashing blue.

Your ring will change to a solid blue color and the screen will update with a successful connection message.

Using Token Smart Ring for NFC
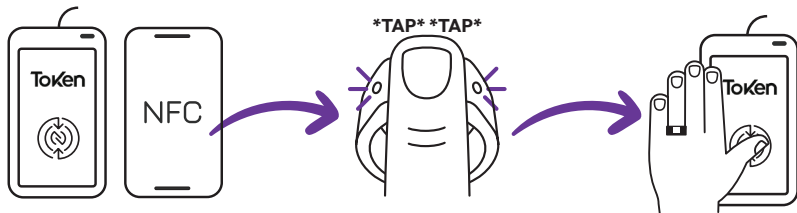
Plug an NFC reader into your computer, or if using a phone or tablet, make sure to enable NFC communication.

While wearing the Token Smart Ring tap the fingerprint sensor twice, and then scan your fingerprint. If successful you will see glowing purple LEDs.

Hover your hand over the NFC reader for 3-4 seconds or until the login prompt screen has been cleared. If using a phone or tablet simply hold the ring to the NFC location on the device.

Using the Ring While Charging

The Token Smart Ring supports being used while connected to the charging cable. In order to use the ring while connected, the ring must be above 50% battery charge. Once the ring is sufficiently charged all ring features can be accessed with their respective tap gesture.
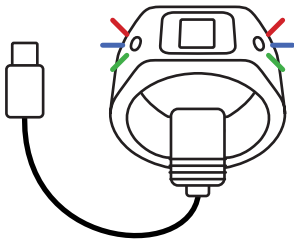
Token Tips

Logging Into Multiple Accounts:

Token Smart Ring is capable of logging into multiple accounts for your personal, work, or managed accounts. Simply setup Token Smart Ring as your security key in all your applications.

Token Smart Ring Updates:

To update your Token Smart Ring start by opening the app and selecting the "Check for Update" button on the welcome screen. The app will look for an update, and if one is available, it will be displayed near the top of the screen. Press the "Update Ring" button and place your ring on the charger. The app will connect to your ring and the update will automatically start downloading and installing.

Changing Assigned Finger:

Token Smart Ring can be switched to another finger by performing a factory reset (Note: all stored credentials will be lost). Simply follow the instructions in the help section under Token diagnostics or contact our support team.

Token Tips

Reset: If you encounter issues with your application or ring, please close the Token Smart Ring application entirely. Then, place your ring on the charging cable for 2-3 minutes before trying again.

Lost, Broken, or New Phone: The Token Smart Ring stores your credentials within the ring itself. If you replace your phone, you can simply pair your ring with the new phone using the 'pair existing ring function' within the application.

Trouble Authenticating: Token Smart Ring will attempt to scan your finger multiple times before a failure. If you are unable to authenticate to your ring, try wiping both your finger and the fingerprint sensor with a clean cloth. Do not use harsh cleaning agents or abrasive materials.

Caring for Your Sensor
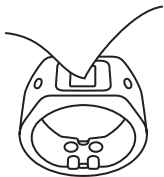
The fingerprint sensor performs best after it has had a gentle cleaning. It is recommended to clean the fingerprint sensor before each authentication attempt.

- Clean your ring's fingerprint sensor using the purple microfiber cloth included. If further cleaning is necessary, use isopropyl alcohol or a small amount of mild hand soap. Dry the ring completely before putting it back on.

- Never use an ultrasonic cleaner or jewelry grade solvents to clean the ring. They will damage the electrical components.

- The electronics of the ring will perform better when worn on clean, dry, warm hands.

Protecting Your Ring
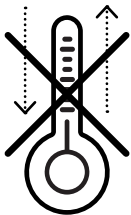
- Avoid leaving the ring exposed to extreme hot or cold environments, such as in a car during the heat of summer or the cold of winter.
- To avoid scratching the finish of the ring, avoid coarse, rough surfaces (such as brick, sand, concrete) and sharp metal (such as car keys, key chains, other jewelry).

LED Reference Guide

Authentication

Waiting for finger (W)

Authenticated (G) **x 2**

Authentication failed (R) **x 2**

Tap Gesture

Battery level (G) (Y) (R)

NFC on (P)

BLE on (B)

LED Reference Guide

Power Management

Battery off charger

Battery level high

Battery level medium

Battery level low

Battery on charger

Ring restart

Battery full charge

Battery level high

Battery level medium

Battery level low

Errors

Verification failed

← long → ← long →

Critical error **x 4**

THANK YOU!

If you need further guidance, a refresher on setting up
hardware keys, or if you encountered any issues, please contact us:

Visit our support page: **tokenring.com/support**

Email us at: **support@tokenring.com**

Call us at: **(866) 328-7464** for assistance.

We regularly add additional written and video implementation
guides to our support page. Please let us know if you do not
see your favorite software listed and we will assist you.

tokenring.com/support | **Support@tokenring.com** | **(866) 328-7464**

Token

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