



SECOND TRIGGER[®]

LONE CIVILIAN INC.

2025

Transforming legacy firearms into smart, secure systems — without compromise

The world's first universal smart gun converter.

converting existing firearms into smart tech with wearable proximity pairing, directional recognition, motion wake, offline/ online control, in-holster charging, manual override, physical key resets, dual locking X3. Designed for Gov and Civilian Use.

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The Mission Starts Here:

We invite you to explore Second Trigger's vision.
This isn't just innovation — it's readiness.



COMPANY OVERVIEW

present status and forward plans:

Second Trigger is a 4+1-patent-backed smart firearm accessory that converts existing firearms into secure, access-controlled systems without disassembly or modification. It pairs with smart wearables, uses directional recognition and proximity tracking, charges while holstered, works online and offline, and relocks automatically when not in use. Unlike traditional safes or fully integrated smart guns, Second Trigger offers fast, non-permanent solutions for both civilians and law enforcement.

Currently, we have functional prototypes, in-house electronics, and mobile apps. We're preparing for manufacturing review and EMC testing, with FCC compliance already in place. Our first batches will be produced then our pre-approved insurance will follow, alongside marketing, trade show sales, retail partnerships, influencer campaigns, and direct law enforcement outreach. We also plan to leverage our PCT filing to pursue protection in the EU, Asia, and select Eastern countries within the next 32 months to block competition and reduce risk.



HOW IT WORKS

Overview:

Second Trigger balances readiness with safety. With offline privacy, durable design, and instant response, it offers a smarter, faster alternative to traditional gun locks or full smart guns.

Glock 17 Gen 3

Users Steps:

Setup:

Charge the device, install the app, and pair a smartwatch and the Bluetooth/ NFC reset key. follow the steps. Calibrate using a directional test.

Install:

Open the framed housing and fit the unit over the trigger guard. Insert the matching inner and front slide pieces, then secure with a pin and mechanical key.

Use:

Once armed, the trigger stays locked until the authorized user lifts and aims it. The system checks for their wearable and firing direction and proximity, unlocking in milliseconds. It re-locks if away or taken even in proximity.

Control & Override:

Unlock manually with the key or app if needed. Remove the unit anytime to restore the original firearm. If anything fails, the trigger defaults to locked.

KEY

BENEFITS

- Blocks misuse during close-quarters or surprise disarm attempts
- Installs with no modifications to the firearm
- Resists tampering without tools, time, or authorization
- Instantly ready — no switches, no lag
- Remove access from paired devices remotely
- Manual or app-based unlock ensures access even in emergencies
- Optional features: battery status, movement alerts, and “find me” support
- Privacy-first: no tracking, no data risk
- Ownership and control stay with the user — always



KEY FEATURES



Directional + Proximity Unlocking:

Unlocks only when the authorized user is near and holding the firearm in a firing stance.



Triple-Layer Locking System:

Combines electronic locking, mechanical key backup, and a reinforced interlocking vice-frame for maximum security.



Modular Fit for Most Handguns:

Compatible with striker-fired, double-action, and single-action pistols. Self-adapts to both standard and custom trigger shapes.



Rechargeable Battery + Holster Charging:

Motion-activated “shake awake” power with USB-C and optional contact-based holster re-charging.



Offline & Online Functionality:

Operates fully offline by default. Optional app adds extended features without requiring cloud access.



Full Manual Control + Emergency Access:

Always removable via mechanical key (no power needed), or unlocked through the app if authorized devices are unavailable.



MARKET OPPORTUNITY & OUR IP ADVANTAGE

Comparative Advantages Monthly Users:



Market Summary:

There are 110M+ handgun owners in the U.S. and over 400M civilian guns, with an estimated ~200M Civilian handgun owners worldwide. Second Trigger targets:

- Civilian self-defense
- Law enforcement (e.g., PH government interest)
- Global retrofits—cheaper and faster than full smartgun adoption

We're the first drop-in, non-modifying smart lock with directional + proximity-based unlocking, offline functionality, and physical reset options.

Government & International Rollout:

- Philippine government has shown interest for police use
- Ideal for global LE rollout as a cost-effective upgrade
- Compatible with existing gear, reducing retraining costs

PCT Filing Targets:

- US (granted), Most EU (via EPO), DE, CA, CZ/AT, IL, JP/KR, BR/MX, CN, PH, AU, SG, UAE

Strong defense against work-arounds via layered mechanical, software, and mounting claims.

IP Portfolio Highlights:

- 3 granted U.S. patents + 2 active filings across hardware, software, and behavior
- Our fifth patent expands from retrofit firearm locks into fully integrated weapons platforms building on our existing IP and moating.
- Key protections include:
 - Directional and proximity unlock logic, offline control, motion wake, multi-trigger modular slides, encrypted wearable pairing, in-holster charging, physical reset tools, non-modifying mounts, multi-mode locking, and firmware-app fallback layers.

LIKE WHAT YOU SEE?

THIS IS JUST THE PREVIEW

SECOND TRIGGER

The full document includes detailed breakdowns, visuals, technical specs, and the full context of what makes this project different.

To request access to the full version, reach out directly:

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Let us know where your interest lies, and we'll send the extended file or set up a quick walkthrough.



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