



DO NOT STAND IDLY BY

MAKE, BUY & SELL GUNS SMARTER & SAFER

GUN SAFETY TECHNOLOGIES (PARTIAL LIST)

User-Authenticating Guns -- RFID, Magnetic, and PIN-activated

Armatix (Munich, Germany)

- iP1 - .22 caliber handgun, in production & available for distribution (?). RFID technology requires user to wear user-authenticating wristwatch.
- iP9 - 9mm in development, expected to enter US market in fall 2017 and to meet US standards for federal govt use. Gun activated with PIN code entered with fingers on a keypad embedded in the grip of the pistol.
- Company also manufactures locking systems (see below)
- Helmut Brandtner, Managing Director (Germany)
Wolfgang Tweraser, CEO/President, Armatix LLC (USA)
- <http://www.armatix.us/?L=7>

iGun Technology Corp. (US)

- Working prototype of 12-gauge shotgun equipped with magnetic token user-authentication system (similar in function to RFID)
- Technology can be adapted to handguns
- Jonathan Mossberg, founder and CEO
- <http://www.iguntechnology.com/>

TriggerSmart (Ireland)

- Working prototype with RFID-based user authentication
- Robert McNamara, CEO
- <http://www.triggerSMART.com/Pages/index.aspx>

Safety First Arms (US)

- PIN keypad activates gun
- Prototypes of 9mm pistol and AR-15-type rifle
- Bob Allan, inventor/founder, San Diego
Brian Weinberg, co-founder
- <http://safetyfirstarms.com/>

SAAR Zurich (unsure if still active)

- RFID-based
- Patrick O'Shaughnessy

User-Authenticating Guns - Biometric (Fingerprint or Grip Recognition)

Safe Gun Technology (US)

- Company is developing fingerprint-enabled retrofit kit for AR-15s (and possibly other gun models)
- Tom Lynch, founder and CEO, Columbus GA
- <http://www.safeguntechnology.co/>

Biofire Technologies (US)

- Working prototype of fingerprint-enabled handgun
- Kai Kloepfer, founder, MIT student
- <https://biofire.io/>

New Jersey Institute of Technology (US)

- NJIT is developing a prototype of a user-authenticating gun with “dynamic grip recognition” technology embedded in handle.
- Technology could be built into or retrofitted to wide range of gun models.
- Don Sebastian, NJIT, Newark NJ
Alan Boinus, Allied Biometrix (commercial partner), California

Kodiak Industries (unsure if still active) (US)

- Intelligun uses fingerprint reader to unlock gun.
- Bill Gentry, President, Salt Lake City, UT
- <http://kodiakarms.com/>

User-Authenticating Magazines

ClipFort (unsure if still active) (Israel)

- Go Safe ID Mag is magazine with fingerprint sensor. Magazine won't release ammo unless user is authenticated. In development.
- Australia-based Azonto Petroleum explored purchase of company in 2016 but deal fell through.
- Daniel Biran, CEO, Israel
- <http://www.clipfort.com/>

SmartMag Technologies (US)

- User-authenticating lock on magazine. Authentication system can be adapted to user preference. In development.
- Peter Carney, inventor, Woodland GA
- <http://smartmagtechnologies.com/>

Gun Tracking and Monitoring Technologies

YardArm Technologies (US)

- GunAware sensor allows monitoring and recording of events (e.g. gunfire) and tracking of gun location. Can interact with body cameras. Compatible with Glock and possibly other models. Available for purchase.
- HolsterAware sensor detects whether a handgun has been removed from or inserted into a holster. Available for purchase.
- Variety of other technologies available or in development geared to law enforcement market.
- Jim Schaff, Vice President for Marketing, California
- <http://www.yardarmtech.com/>

ZORE (Israel)

- Watchdog is a smartphone-connected remote gun monitor and alert system which attaches to a gun and alerts owner to any movement of the gun.
- In development. Available for pre-order on ZORE website for \$59.
- See company's locking product below.
- <https://www.zore.life/product/watchdog>

Smart Gun Systems (US)

- Smart Motion Tag is a smartphone-connected remote gun monitor and alert system which attaches to a gun and alerts owner to any movement of the gun.
- In development by two engineering students in Akron OH.
- <http://www.smartgunsystems.com/home.html>

Locks and Locking Systems

Armatix (Germany)

- Quicklock system consists of a blocking mechanism inserted into the barrel or cartridge chamber of a firearm, and a separate digital key activated by PIN code or fingerprint. System is available for multiple firearm calibers.
<http://www.armatix.us/Quicklock.144.0.html?&L=7>
- Baselock system consists of a box in which a gun can be securely stored and quickly released through a PIN code or fingerprint reader. System can be used for multiple calibers, and integrated with IT applications -- e.g. for monitoring or tracking individual guns or stocks of guns.
<http://www.armatix.us/Baselock.40.0.html?&L=7>

Gun Guardian (US)

- Company has developed “smart trigger shields” for handguns and AR-style rifles and shotguns. Shield can be quickly unlocked through PIN code or fingerprint reader, and remains attached to the weapon even when opened. Device attaches to gun’s accessory rail.
- Optional GPS tracker.
- Developed by law enforcement officers -- Rob Harvey and Will Murphy, Orlando FL
- <https://www.gunguardian.us/our-products>
- Product review: <https://mikethegunguy.com/2015/05/23/heres-a-safe-gun-device-that-does-what-its-supposed-to-do-make-a-gun-safe/>

ZORE (Israel)

- ZORE X is a cartridge lock released by a electro-mechanical combination dial that accepts a PIN code. Multiple caliber models are being developed.
- Available for pre-order for 4 separate calibers for \$149 on the company’s website.
- <https://www.zore.life/product/zorex>

Sentini (US)

- Identilock is a trigger lock released by a fingerprint reader.
- In development by Detroit-based engineer Omer Kiyani.
- <http://getidentilock.com/>

Veri-Fire (US)

- Veri-Fire Guardian is a trigger lock released by a fingerprint reader or PIN code.
- In development. Matt Barido and Skylar Gerrond, co-founders.
- <http://www.veri-fire.com/>

Life Save-R

- Tactile gun lock blocks gun’s firing chamber.
- Video: <https://www.youtube.com/watch?v=sZ4bZ2tqJqo>