

Blockchain in Weapon Tracking

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Abstract: *Blockchain technology is the most precise system to track a gun flow from manufacture to end-user. By creating a global database that cannot be altered once recorded, this database could primarily record every transaction and purchase. In this technology we provide a simple solution of how the transfer of guns can take place between the dealer and the seller using digital signatures and a gun safe just like a bitcoin (BTC) wallet which stores each and every information about an individual securely and it helps in identifying whether a person who has a weapon holds an original arms license or has a fake one and also check whether that person has a previous criminal record on his name. Since blockchain is immutable and hack proof, this technology can be used to get rid of the above claims, to improve the ownership and traceability of the weapon and to keep the records securely inside the digital world.*

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