

## **Bitcoin Gold (BTG)**

**About :** Bitcoin Gold is a distributed digital currency. It is a hard fork of Bitcoin, the open source cryptocurrency. The stated purpose of the hard fork is to restore the mining functionality with common Graphics Processing Units (GPU), in place of mining with specialized ASIC (customized chipsets), used to mine Bitcoin.

**Technology:** Bitcoin gold uses the memory hard equihash as proof-of-work algorithm instead of the sha-256. But for the rest, the project follows the guidelines of the Bitcoin core project.

### **Advantages:**

- 1. DECENTRALIZATION :** Bitcoin Gold decentralizes mining by adopting a PoW algorithm, Equihash-BTG, which cannot be run on the specialty equipment used for Bitcoin mining (ASIC miners.) This gives ordinary users a fair opportunity to mine with common GPUs.
- 2. FAIR DISTRIBUTION :** Hard forking Bitcoin's blockchain fairly and efficiently distributes 16.5 million BTG immediately to people all over the world who have interest in cryptos. Other methods, such as creating coins with a new genesis block, concentrate ownership within a small group.

**3. REPLAY PROTECTION :** To ensure the safety of the Bitcoin ecosystem, Bitcoin Gold has implemented full replay protection and unique wallet addresses, essential features that protect users and their coins from several kinds of accidents and malicious threats.

**4. TRANSPARENCY :** Bitcoin Gold is a free open source software project that is built by volunteer developers and supported by a rapidly growing community of Bitcoin enthusiasts