

# Bitcoin & Bitcoin Cash Network Histories (2009 — 2024)

## Legend

- ◻ HARD FORK
- ◯ SOFT FORK

2009-01-03  **Bitcoin**

- 2009-10-28 ◯ Addition of nLockTime Enforcement
- 2010-07-31 ◻ Addition of OP\_NOP Functions
- 2010-08-01 ◻ Separation of Evaluation of scriptSig and scriptPubKey
- 2010-08-15 ◯ Value Overflow Incident
- 2010-10-12 ◯ 1MB Block Size Limit
- 2012-03-15 ◯ Disallow Transactions with Same TXID
- 2012-04-01 ◯ Pay-to-Script-Hash
- 2013-03-24 ◯ Block Height in Coinbase
- 2013-05-15 ◻ Migration from Berkeley DB to LevelDB
- 2015-07-04 ◯ Strict DER Encoding for Signatures
- 2015-12-14 ◯ OP\_CHECKLOCKTIMEVERIFY
- 2016-02-23 ◯ Addition of Opt-In Replace-By-Fee ("RBF")
- 2016-07-04 ◯ OP\_CHECKSEQUENCEVERIFY



**Bitcoin**

("BTC")

2017-08-24  
User Activated Soft Fork  
Segregated Witness ("SegWit")

**Bitcoin Cash** ("BCH")



2017-08-01  
User Activated Hard Fork

Block Size Limit to 8MB |  
Removal of RBF

2017-11-13  
Difficulty Adjustment Algorithm Change  
cw-144 algorithm

2018-05-15  
Monolith  
Block Size Limit to 32MB | Extra Opcodes (including OP\_CAT)

2018-11-15  
Magnetic Anomaly  
OP\_CHECKDATASIG & OP\_CHECKDATASIGVERIFY | Canonical Transaction Ordering ("CTOR")

2019-05-15  
Great Wall  
Schnorr Signatures | Segwit Recovery

2019-11-15  
Graviton  
Schnorr for Multisig | MINIMALDATAINSCRIPT

2020-05-15  
Phonon  
OP\_REVERSEBYTES | SigChecks

2020-11-15  
Axion  
Difficulty Adjustment Algorithm Change: ASERT (aserti3-2d DAA)

2021-05-15  
BigBlockIfTrue  
Enable Transactions with Multiple OP\_RETURNS | Removal of Unconfirmed Transaction Chain Limit

2021-11-14  
Taproot  
Schnorr Signatures | Taproot | Tapscript

2022-05-15  
U8  
Addition of Introspection Op-codes | Bigger Integers & OP\_MUL Re-enabling

2023-05-15  
CashTokens  
P2SH32 | Restrict Transaction Version | Minimum Transaction Size | Native Layer 1, UTXO, Miner-validated Tokens

2024-05-15  
ABLA  
Adaptive Blocksize Limit Algorithm

 BitcoinCore

btcd  Bitcoin Knots



BITCOINCASH node  bitcoinunlimited

BITCOIN VERDE  k.th BCHD