

BAPS — Bitcoin Applications Protocol Schema

Transform spreadsheets into Bitcoin-native applications with payments, tokens, and on-chain logic.

- **BApps - Bitcoin Applications** Build full-featured apps on Bitcoin using spreadsheets as the universal interface.
- **UTXO Version Control** Git-like versioning for immutable change tracking on-chain.
- **Granular Encryption** Encrypt at file, row, column, or cell level with selective access.
- **Tokenized Ownership** Issue shares in spreadsheets and distribute dividends automatically.
- **Micro-Transaction Pricing** 1/1,000,000th of a penny per cell with Bitcoin SV's low fees.
- **Decentralized Infrastructure** No central servers — pure peer-to-peer exchange.

Use Cases

- DeFi calculators with live settlement
- DAO voting systems in spreadsheets
- Supply chain trackers with automatic payments
- Scientific computing with micropay rewards
- NFT marketplaces with royalty formulas
- Prediction markets with instant payouts

System Architecture

Application Layer	Spreadsheet UI, HandCash Auth, Data Encryption
Protocol Layer	.nft Format, Access Control, Version Management
Blockchain Layer	Bitcoin SV, UTXO Model, Smart Contracts

Ready to Build?

Turn any spreadsheet into a Bitcoin-native application. Build, inscribe, and share your first BApp with BAPS today.