

BLOCKCHAIN, CRYPTOCURRENCY AND DIGITAL PAYMENTS POTENTIAL USE CASES IN FINANCIAL SERVICES

Consumer Finance

- Consumer Banking: Provide financial services to the 2.0 – 2.5B adults who are unbanked
- Payments / Micro-Transactions: Enable payments, including those <\$1 that are un-economic with credit cards
- Money Services / International Remittances: Avoid remittance fees of 5% - 25% on \$600B of annual international money transfers
- Payroll: Enable real-time salary payments instead of semi-monthly
- ATMs: Allow withdrawal of fiat cash from digital asset accounts
- Merchant Services: Provide services to merchants accepting digital assets as payment
- Investments / Funds: Diversify investor portfolios with exposure to digital assets
- Brokerage Accounts / Wallets: Provide interfaces for consumers to trade and hold digital and traditional assets

Corporate Finance / Capital Markets / Government Finance

- Token-Based Capital Raising: Raise capital with token issuances
- Securitization: Provide liquidity in currently un-traded assets
- Supply Chain / Working Capital: Increase automation and speed of B2B payments
- Lending: Enable lower-cost lending to small businesses
- Trading / Settlements: Reduce settlement times for trades in digital and traditional assets (i.e. cash securities, commodities, derivatives)
- Exchanges: Facilitate trading of digital assets
- Financial Data: Track data in digital assets
- Compliance: Immutable, auditable blockchains improve regulatory monitoring and compliance
- Government-Backed Securities/Currencies: Governments can issue “sovereign tokens” backed by their fiat currencies

POTENTIAL USES IN SMART CONTRACT APPLICATIONS:

- Real Estate: Establish and transfer title
- Insurance: Collect premiums / distribute payouts without a middleman
- Automotive: Manage fractional ownership in cars
- Healthcare: Share patients’ encrypted health information
- Identity/Voting: Facilitate voting with immediately verifiable results
- Supply Chains: Automate contractual relationships across a value chain
- Cloud: Enable cloud transactions without trusted 3rd parties
- Security: Improve data encryption and edge security