



Koinon Blockchain, powered by KOIN digital asset, built as a Cloud based Payment rail for Cross Border Transfers and Global Payments

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Koinon and its Ecosystem

Koinon is a digital asset and BTC type (UTXO) coin-based blockchain platform for enterprise users, merchants, consumers, and digital asset issuers, both private and public.

The Koinon blockchain platform is a parallel “asset chain” of the Komodo (KMD) blockchain, which leverages the security of the industry standard Litecoin (LTC) blockchain. The Koinon Ecosystem consists of a digital asset coin (“dcoin”), called KOIN, combined with a system designed to enable transactions in KOIN and other digital assets to be issued in the future on the Koinon blockchain, as well as other partner issued digital assets.

The Koinon blockchain is a copy or “fork” of the Komodo blockchain, which is itself is a fork of the Bitcoin blockchain, and it retains all of the system features available on the Komodo blockchain which, in some cases, have been specifically modified for Koinon. For more information about specific features of the Komodo blockchain please see:

<https://developers.komodoplatform.com/basic-docs/start-here/core-technology-discussions/introduction.html>

Koinon is bridging the gap between the current environment, in which most people and companies pay and receive payment in cash, mobile money, credit/debit cards, and bank transfers, and the coming world in which anyone with a Smart Phone, and at least a 3G mobile network, can pay or be paid instantly using digital assets. With mobile money and blockchains gaining greater prominence by the day, it is inevitable that such digital asset payments and transfers will be the norm within the next few years. Koinon is positioned to lead that revolution and become the de facto industry standard, providing solutions needed for consumers, merchants, companies, and Central Bank’s that plan to issue digital assets.

Koinon’s focus is providing cloud based local, regional, and global digital asset payments and transfers for individuals, SMEs, larger enterprises, and Central Bank issuers. Early user adoption will include Peer to Peer (P2P) remittances, Business to Business (B2B) payments, Learn to Earn (L2E) educational programs, and Play and Earn (P2E) services and offerings. Koinon is initially focused on certain African markets, but cloud-based and capable of serving the needs of people anywhere in the world.

Key Elements of the Koinon Ecosystem

- KOIN digital asset
- Partnerships with Enterprise users, Fin/Paytechs, and Central Bank issuers
- Koinon blockchain ecosystem services and technology buildout via Koinon Technology Services Inc. (KTSI)

Background

The first KOIN livenet transactions were September 18, 2018, and via the genesis block, 125 million KOIN (dcoin) were created and privately issued. There will never be more than 125 million KOIN issued. Since the genesis issuance block in September 2018, there has been no KOIN or Koinon blockchain system downtime or blockchain errors.

Approximately 75% of KOIN privately issued in 2018 still resides as escrow on behalf of the Koinon Blockchain IP holder, Krypto Capital LLC. This KOIN is owned by Krypto Capital LLC but is to be used on behalf of Koinon Blockchain and Koinon Technology Services Inc. to develop future growth, engagement, and ecosystem development for the Koinon ecosystem and KOIN. Current Tokenomics are available by contacting the Koinon team.

The Koinon blockchain was designed and built to allow for blockchain based, cloud based, instant, free, and large throughput processing so send/receive, or cross border cloud transactions can occur instantly and seamlessly.

Major advantages of the Koinon Blockchain and KOIN are:

1. **Very fast** transaction time (average is 0.03 second per transaction);
2. **Nearly free** to transact (currently US\$0.0001 per transaction);
3. **Ability to scale** transactions without negatively impacting transaction time or cost per transaction (tested at over 40,000+ transactions per second);
4. **Very low impact** on the environment (no past, present, or future mining); and
5. **Secure** (uses Delayed Proof of Work or dPOW to prevent attacks)

Pan Africa will be the initial target market, capitalizing on both the regional expertise of the Koinon management team and Africa's strong receptivity to, and existing usage of, alternative payment systems. The Koinon platform will be expanded globally within 18-24 months, with a focus on markets with large unbanked and underbanked populations with deflationary issues similar to developing and emerging markets in Africa.

KOIN Block Explorer

<https://koin.explorer.dexstats.info>

Koinon Technology Services, Inc.

All revenue focused projects and fee driven Koinon ecosystem projects will be funded by and supported by Koinon Technology Services, Inc. ("KTSI").

KTSI was created in 2019 to support Koinon enterprise users and partners and enable Koinon development projects. Additionally, KTSI provides continued maintenance of and full support to the Koinon Blockchain and Koinon Ecosystem. KTSI generates revenue and profits by providing services to Koinon ecosystem projects and partners, primarily on a build and deploy/operate basis. The company has raised capital via the private market, and it will raise additional capital via the public markets. The latter is to provide liquidity to investors and to support access to financial resources to expand Koinon and its ecosystem around the globe.

Security

Koinon is a blockchain based on a copy of the Komodo (KMD) blockchain. Because KMD is a "Bitcoin-type" coin [UTXO], KOIN is as well. The connection is that a blockchain in the KMD ecosystem is secured with the hashrate of the Litecoin blockchain. This is made possible with Komodo's unique security mechanism, which stores a backup of every chain in the ecosystem onto the Litecoin ledger every ten minutes. Hence the Koinon blockchain has the same level of security as the Litecoin network. This unique security service is called delayed Proof of Work (dPoW), and it is one of Komodo's most fundamental innovations. This innovation contributed strongly to the Koinon Founder's decision to work with Komodo for Koinon's blockchain.

In addition, teaming up with Komodo for Koinon's blockchain provides superior performance. The system is capable of executing over 40,000+ transactions per second, with each transaction requiring only 0.03 to 0.05 seconds at a cost of only \$0.0001 per transaction. These numbers compare very favorably with any other transaction capability available and contribute to positioning Koinon to be the logical choice for asset payments.

The Koinon blockchain mainnet went live on October 2018, and 125 million KOIN dcoins were issued privately at creation just after the Koinon genesis block. The native eWallet for KOIN storage is Komodo's Atomicdex wallet now called "Komodo wallet", which has been adapted for KOIN. KOIN is available to store, send, and receive wallet to wallet, via the Komodo wallet .

KOIN can be stored or bought and sold via OTC currently at SECDEX, <https://www.secdex.net>, a Seychelles Central Bank regulated multi-asset exchange. KOIN is now traded on BitMart exchange as KOIN/USDT and on MEXC exchange as KOINON/USDC. KOIN will be traded on other exchanges, but the focus is to work with regulated partners with high quality procedures and KYC/AML in place, Central Bank licenses to trade digital assets, and KOIN trades against fiat only (preference is USD) or fiat stablecoins (preference is USDC or JPMC).

Distribution to Date

Today, a limited number of individuals and privately held companies are the only owners of KOIN. There is currently no governing entity that owns or controls KOIN. There has been no Initial Coin Offering (ICO) to the public prior to or post the original issuance of KOIN. KOIN has no governing body or other entity to conduct sales. All KOIN transactions are done privately by and among the KOIN holders themselves.

Background

Blockchain technology or Distributed Ledger technology in a broader sense is one of the most exciting and broad reaching digital innovations in recent years. Much like the Internet itself, it has the potential to completely change the way humans interact – both online and offline. Cryptocurrencies like Bitcoin (BTC), Ethereum (ETH), and Ripple (XRP) are currently the most widely known applications of blockchains, and they represented a tremendous growth opportunity for many investors and users over the past few years. While digital assets have not yet reached critical mass for frequent use in everyday financial transactions, the likelihood of a near future in which this is the case appears high. However, major obstacles stand between the current environment, in which payments are made primarily with cash and credit/debit cards, and a world in which merchants seamlessly accept a wide variety of payment types.

These obstacles may have slowed the widespread adoption of digital assets, but they represent a tremendous value creation opportunity for companies that can help remove them and capture a significant share of such transactions. With its eWallet and OmniChannel technology for merchants' digital payment acceptance, Koinon is positioned to be one of these groundbreaking technologies.

Leapfrogging Traditional Institutions for the Unbanked and Underbanked

Looking at the bigger picture, it is clear that a remarkable opportunity exists in Africa and in other developing and emerging markets to connect countries, currencies, commerce, and consumers in a way that has never before been possible. The advent of all types of digital payments, combined with mobile technologies, has enabled payments to occur not only faster, but more conveniently and with less infrastructure than ever before. These technologies connect offline to online, online to offline, and provide the unbanked and underbanked with an unprecedented opportunity to participate in the local and the global economies by effectively leapfrogging traditional institutions. There is no need for these consumers to slow themselves down by moving from having no financial services to traditional bank accounts and credit/debit cards. Instead, they can leapfrog this step entirely, moving straight to digital asset based financial services.

Koinon is positioned to break down the barriers between these markets and those businesses and consumers that may benefit from them, using technology to amalgamate all of the significant regional payment methods into a single payment and virtual POS solution for both consumers and merchants. The solution encompasses everything from fiat currency with rapid arbitrage mechanisms, to digital wallets like Alipay, WeChat Pay, Samsung Pay, Apple Pay, and others, to more future focused and rapidly expanding

blockchain/DLT-based tokens/coins such as XRP, XLM, KMD, BCH, and BTC and the significant advantages that they offer. This will reduce the barrier to entry for all consumers, regardless of income or geography, to access goods and services that have traditionally been out of reach, while providing merchants with access to those same consumers, be they online or offline.

Koinon is able to address several immediate opportunities:

- Providing the unbanked and the underbanked with the ability to transfer funds to friends and family at very low cost, instantly;
- Currency transfer and arbitrage at higher speed and significantly lower rates than existing remittance facilities;
- Providing a secure facility through which consumers can store their savings;
- Enabling regional trade to happen faster and more cost effectively; and
- Providing access to online cloud-based services and shops to consumers in all markets, as opposed to the local domestic markets only.

The key to Koinon's success, initially, will be generating demand for several of these key components in order to reach a critical mass, namely:

- Person-to-person transfers, e.g., a domestic worker in Dubai transferring funds home to her family in Kenya or Uganda, traditionally facilitated by Western Union or MoneyGram, at significant cost; and
- Merchant adoption such that a critical mass of merchants, for reasons of convenience and ease-of-use, will encourage Koinon end users to increasingly leverage their Koinon wallets instead of fiat currency at points of sale.

Koinon Digital Payment Services

To date, most eWallet providers have focused on enabling the universe of online merchants. As this market moves toward saturation, the greatest opportunity now lies offline at physical merchants' Points of Sale. Already several countries including recently the U.A.E. have implemented new digital asset legislation providing for digital assets for payment purposes and settlement with dirham and other fiat currencies. As the regulatory landscape continues to open to digital assets, there will be opportunities for KOIN to be used in ever increasing retail environments, not just for cloud services and ecommerce.

Koinon is developing a KOIN Pay mobile app for cloud send/receive/store KOIN as well as to be used via QR code for retail payments where allowed by law.

KOIN Pay

Koinon is developing a KOIN Pay wallet for send/receive/storage of KOIN from which features such as KOIN Play and Earn Games, Learn to Earn digital asset competition games, Manera School of Education Blockchain learning courses, and others can be added.

As regulations are developed and deployed and the legality of using digital assets for payments expands, KOIN and the KOIN Pay app can be deployed using QR code technology at any physical or virtual Point of Sale.

Cloud POS buildout opportunities



Koinon's technology and solutions enable and provide e-commerce gateway processing services, in-person POS purchase services, and other related services. Koinon also works with partners, vendors, hardware and software suppliers, and independent sales organizations to build a merchant acceptance network. Doing so helps to build worldwide acceptance of KOIN as a payment and transfer mechanism.

Revenue Model

There is no revenue to any Koinon entity from KOIN use or KOIN transactions. Koinon Technology Services Inc. is the only revenue generating, for profit entity in the Koinon Ecosystem.

Koinon Technology Services Inc. “KTSI”

Koinon Technology Services Inc. was created on January 24, 2019, as a United States Virgin Islands company to provide ongoing funding and technical support to Koinon ecosystem projects, users, and other private and public entities on a permanent, supportive fee-based model. Services are provided by KTSI to support the development, deployment, operations, and upgrading of Koinon ecosystem projects.

There are no plans for Koinon ecosystem Defi or other financial products to be issued or supported and, at this time, there are no staking rewards available for KOIN or any Koinon ecosystem projects.

There are no revenues flowing to Koinon or to the Koinon IP holder Krypto Capital LLC. All revenues and expenses shall be borne on a fee basis with a focus on profitability by Koinon Technology Services Inc. including projects and fees paid to KTSI by existing KOIN holders and Koinon ecosystem supporters and customers. This process is designed to provide for global expansion and services for the Koinon blockchain while ensuring a market-based approach to fundraising and project development on a fee for paid projects basis.

KTSI is reviewing opportunities to file with the U.S. SEC as a regulated and licensed Technology Services Company either as a crowdfunded potential new listing or via other means. No such filing has taken place as of the date of publishing this White Paper v7.0.

Rollout and Growth Plan

Koinon's second phase of rollout and growth begins in early 2024 with:

1. KOIN's Initial Exchange Offering (IEO) on a regulated, globally accessible digital asset exchange, with fiat in and out, and 24/7 publicly reported trading information;
2. signing definitive agreements with large user base enterprise clients;
3. KOIN Pay App and payment platform development and launch by KTSI;
4. development and launch of Manera School of Technology's P2E game and L2E program;
5. onboarding third party P2E gaming guilds to use KOIN for in-game rewards and fiat in and out;
6. integrating P2E and L2E functions within the KOIN Pay App;
7. secondary listings of KOIN on additional regulated exchanges; and
8. KTSI's public listing on a globally recognized stock exchange; and listing KOIN as a regulated digital asset in the U.S., if and when available.

Koinon's growth will depend on the number of transactions conducted by both Koinon-enabled merchants and KOIN holders and users. Transaction volume worldwide will be driven by marketing of KOIN services to consumers and merchants within the ecosystem via a staged rollout of services and marketing and sales programs.

Target Geographies

Koinon's desired footprint focuses on markets/countries where digital asset payments are allowed under current regulatory laws. Several African nations have recently passed digital asset usage laws and more seem to be underway including the U.A.E. (federal law passed on January 13, 2023).

Eventually the larger list of target countries will include those where there is little penetration from traditional debit and credit cards. Many of these countries are allowing and adopting eWallet digital transactions at a much faster pace than was seen in the worldwide buildout of Visa and Mastercard, over the last six decades. Rollouts will be staged to consider the regulatory environment in each country, but it is clear that African consumers in particular have shown rapid adoption of eWallet purchases at point of sale, with strong growth expected to continue.

Koinon's initial growth will be driven by partnering with and providing services to enterprise users who cater to large numbers of remittance and mobile money users. Users will also include other early adopters of payment technologies who do not have access to or who do not use conventional credit and debit payment services or other conventional money transfer services.

Once African adoption of Koinon services is well under way, parallel launches will be initiated in other underbanked areas like Central and South Asia, Southeast Asia, and Latin America, where youth and middle-class spending rates are climbing dramatically, and local payment alternatives are limited, not available, or prohibitively expensive.

Founder Information

Matthew Mecke is a +25-year veteran of the digital payments industry and one of the world's pioneers of global FinTech and PayTech.

He started his career with Fiserv (NASDAQ: FISV), in the United States, where he was a member of the team that built the infrastructure and processed the very first eCommerce transaction for Netscape and Mastercard. He went on to lead Strategic Planning, New Business Development, eCommerce Applications, and Pricing for Fiserv in Asia before becoming an entrepreneur.

He has been a Founder and Co-founder of numerous private and public companies all dedicated to digital payments technologies. This included co-founding NASDAQ-listed FirstEcom in 1998. FirstEcom was Asia's first 14-currency regional ecommerce processing hub, in partnership with Microsoft and Bank of Bermuda (now HSBC).

In 2017, Matthew built the Koinon Blockchain to solve the trilemma of optimizing the decentralization, security, and scalability of using digital assets for digital payments.

Professional Services

Harley Zappino (SEC Legal Counsel)

<https://neolegal.com.au/>

Contact Koinon

To reach us, please email Matthew Mecke at [contact\[at\]koinon.io](mailto:contact@koinon.io)

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