



HEXAGON**CHAIN**



AJN

ACTIVE JUNCTIONS NETWORK



One coin to rule them all

Chain of chains in chains for chains



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Few important things first

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The Buyer should not purchase Tokens for investment purposes. Tokens are not designed for investment purposes and should not be considered as a type of investment. The Company has prepared this white paper for the sole purpose of introducing the technical aspects of the AJN network,

its associated platform components, and its underlying blockchain protocol.

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Why is it happening

Abstract

The AJN mission is to enable a simple global payment system and infrastructure that empowers billions of people.

The idea of making it so, became alive in 2012 when we've been having our hands on financial processes, it's infrastructure and understood how payments processes are done. But the first step to create inclusive and innovative financial system happens in June 2020 with the first meeting of the project's development team.

Our goal was to establish a collaborative dialogue early in the journey. We had spoken with regulators, bankers, officials, and various stakeholders around the world to determine the best way to marry blockchain technology with accepted regulatory frameworks. Our objective is for the AJN payment system to integrate smoothly with local monetary and macroprudential policies and complement existing currencies by enabling new functionality, drastically reducing costs, and fostering financial inclusion.

The project goal was never to emulate other systems, but rather to leverage the innovative approach of using distributed governance through future association members and distributed technology to create an open and trustworthy system.

By undertaking the difficult work of enhancing traditional financial systems to become programmable, interoperable, and upgradeable, we hope to allow others to leverage our efforts to build an innovative but also safe and compliant financial grid with an algorithmic backbone that can serve to everyone.

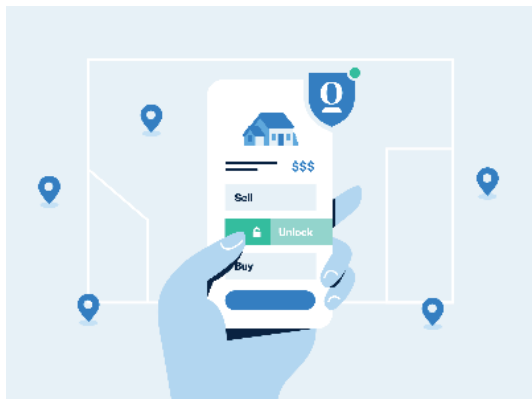
We appreciate the discussions with policymakers around the world who had helped us understand key concerns so that we can integrate actionable improvements into the payment system's design and into a phased rollout plan.

Four key changes have been made to address regulatory concerns that deserve specific attention, each of which is addressed briefly below and then in more depth in the updated white paper:

1. Offering single-currency stablecoin in addition to the multi-currency coin.
2. Enhancing the safety of the AJN payment system with a robust compliance framework.
3. Forgoing the future transition to a permissionless system while maintaining its key economic properties.
4. Building strong protections into the design of the AJN Reserve.



CHAIN OF CHAINS IN CHAINS FOR CHAINS



AJN is a next-generation blockchain protocol that unites an entire network of purpose-built blockchains, allowing them to operate seamlessly together at scale.

Because AJN allows any type of data to be sent between any type of blockchain, it unlocks a wide range of real-world use cases.

By bringing together the best features from multiple specialized blockchains, AJN paves the way for new decentralized marketplaces to emerge, offering fairer ways to access services through a variety of apps and providers.

While blockchains have demonstrated great promise in several fields like Internet of Things (IoT), finance, governance, identity management, web decentralization, and asset-tracking to name a few, design limitations in previous systems have largely hindered large-scale adoption or even any adoption.

AJN design offers several distinct advantages over existing and legacy networks, including heterogeneous sharding, scalability, upgradeability, transparent governance and cross-chain composability.

ONE NETWORK CONNECTING MANY CHAINS AND TOKENS

Will there eventually be one blockchain to rule them all? We don't think so.

All blockchains make different tradeoffs to support specific features and use cases, and as chain specialization increases, the need to transact between them will only increase over time.

AJN will be a sharded blockchain, meaning it connects several chains together in a single network, allowing them to process transactions in parallel and exchange data between chains with security guarantees.

Thanks to AJN's unique heterogeneous sharding model, each chain in the network can be optimized for a specific use case rather than being forced to adapt to a one-size-fits-all model.

More chains and more specialization means more possibilities for innovation.

LIFE HATES VACCUM

One blockchain isn't enough to support a bustling future of decentralized applications.

The limited throughput and lack of runtime specialization in early blockchains made them impractical for scaling in many real-world use cases.

By bridging multiple specialized chains together into one sharded network, AJN allows for multiple transactions to be processed in parallel. This system removes the bottlenecks that occurred on earlier networks that processed transactions one-by-one.

AJN will be able to scale in the future with a planned feature known as active junction chains, which will increase the number of shards that can be added to the Network.

[cooperation of competitors]

COOPERATION BY DESIGN

Early blockchains were like walled gardens closed off to other networks. But as the number of chains for specific use cases continues to rise, so does the need for cross-chain communication and interoperability.

AJN's cross-chain composability and message passing allows shards to communicate, exchange value, and share functionality, opening the door to a new wave of innovation. Thanks to AJN's ability to bridge blockchains, AJN shards will also be able to interact with popular decentralized finance protocols and crypto assets on external networks like Bitcoin or Ethereum.

Real World

IMPLEMENTATION AREAS

As sub chains that will empower real file projects:

KNOWLEDGE SHARING

Can you imagine that your skills have defined value and could be utilized by millions of people all around the world? Everywhere where there is a problem there is a solution and possibility to sell service, tools, things that can resolve the problem.

BUSINESS NETWORKING

Nowadays platforms like LinkedIn, XING or Crunchbase are a closed ecosystem with very restrictive data policy. The exclusivity deforms the rationality of how business works. Even simple business projects are tangled with a long chain of middlemen in between. There is a way to overtake it and with latest covid-related chaos we can bring it to normality.

COMMUNICATION

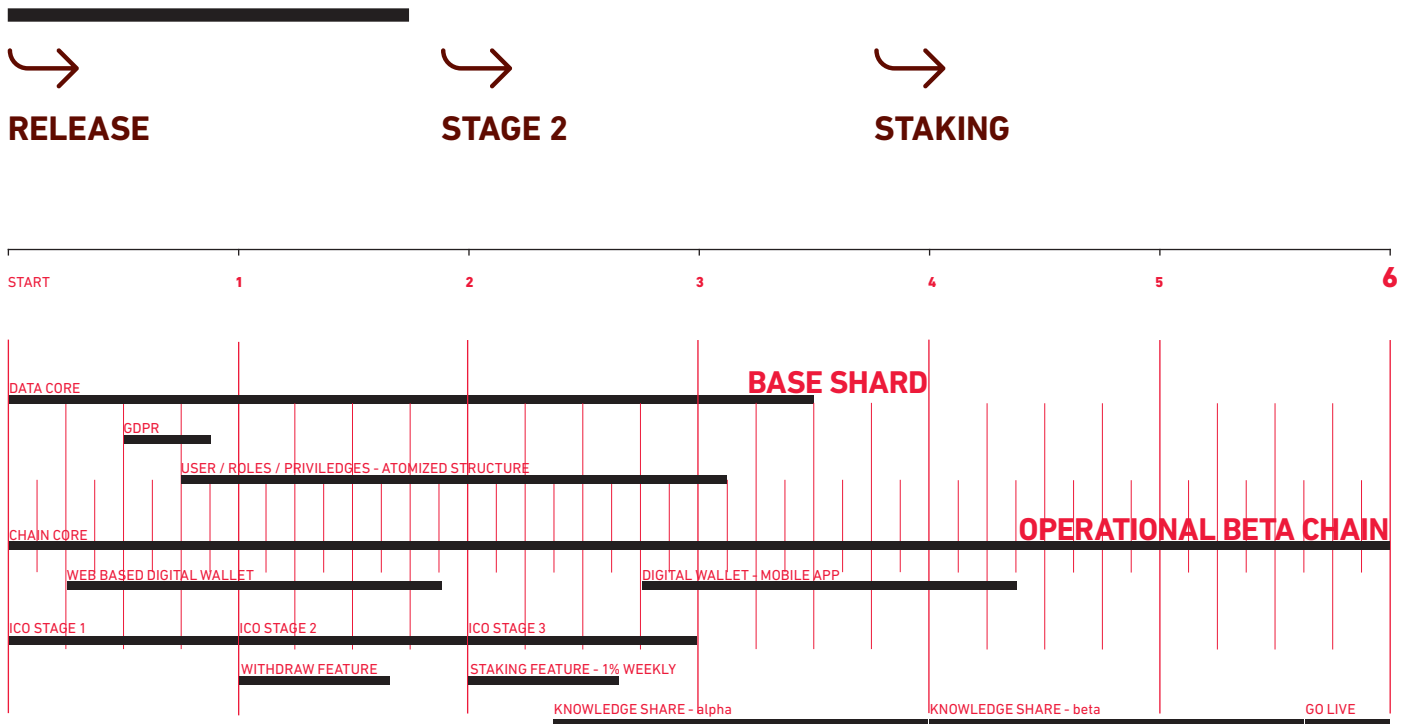
the necessity - even within the system, users should have the way to perform secured communication on a daily basis. At this point of time it is going to be web based project. The delivery of a mobile client will be delivered as the extension for the wallet.

ENERGY

Microgrids, small producers of energy, problem of network load are factors that can be managed with blockchain.

Project Plan

TIMELINE



STRONG PREPARATION

DELIVERY DESIGNED AND PREPARED OVER A YEAR AGO

WE ARE DELIVERING LONG TIME PREPARED SOLUTION. FROM DATA CORE BASED ON BLOCKCHAIN, TO DELIVER KNOWLEDGE BASED PRODUCTS. PRODUCTS THAT ALLOWS USER TO EARN MONEY AND GAIN COINS WHILE SHARING HIS EXPERIENCE.

THE CHAIN CORE IS THE BACKBONE FOR EVERYTHING. AS LONG AS WE STAY COMPLETELY TRANSPARENT, WE DELIVER NOT ONLY FREEDOM BUT ALSO EVOLUTIONARY CHANGE HOW THE PAYMENTS WILL BE DONE.

WE ARE BONDING BOTH WORLDS - CRYPTO AND FIAT - THIS IS THE ONLY WAY WE CAN MAKE THINGS HAPPEN.
ALSO BECAUSE OF THIS WE ARE BONDING 1 AJN WITH LITECOIN.

STAGE 1: ONE AJN WILL BE WORTH 0,01 LTC RELEASED AMOUNT OF AJN: 8.000.000
STAGE 2: ONE AJN WILL BE WORTH 0,02 LTC RELEASED AMOUNT OF AJN: 4.000.000
STAGE 3: ONE AJN WILL BE WORTH 0,04 LTC RELEASED AMOUNT OF AJN: 2.000.000

TOTAL AMOUNT OF AJN: 160.000.000

WITHDRAW ABILITY AFTER 1ST MONTH
 STAKING STARTING 3RD MONTH - 1% TOP ON A WEEKLY BASIS
 PRESENCE ON AT LEAST 4 CRYPTO EXCHANGE PLATFORMS - AFTER 5 MONTHS

FIRST RESULTS

BASE SHARD

IS THE VESSEL FOR DATA - COULD BE ANYTHING: PERSONAL INFO, MEDICAL ISSUE, CONTRACT OR AN INVOICE DETAILS, NOTE OR SET OF PHOTOGRAPHS WITH ADDITIONAL INFORMATIONS DEFINED AS ARRAY OF PARAMETERS.

OPERATIONAL BETA CHAIN

WITH WORKING PROTOCOL PROCESSOR - FROM THIS MOMENT IT WILL BE POSSIBLE TO MINE THE COIN.

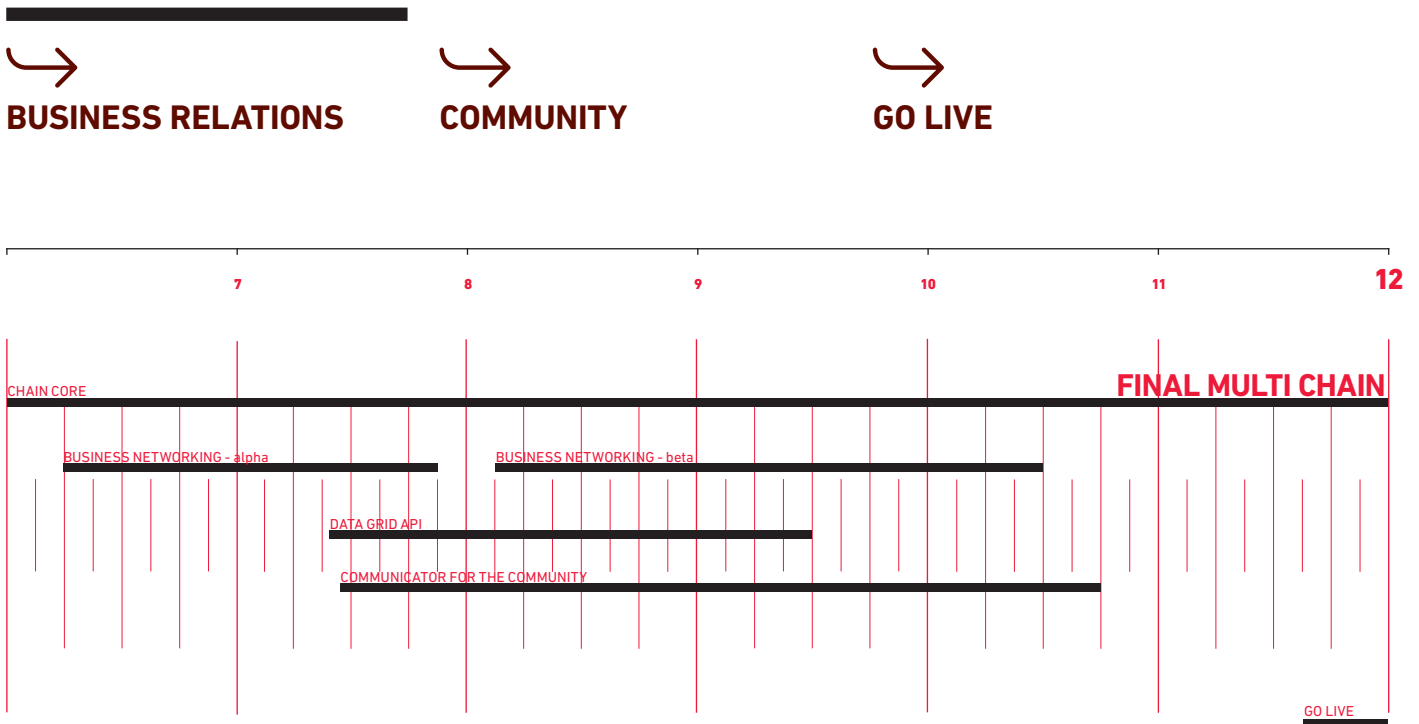
KNOWLEDGE SHARE

BASED ON THE CHAIN - AS THE PRODUCT NUMBER ONE.
 THE IDEA BEHIND IS THAT PEOPLE DO HAVE THE KNOWLEDGE THAT IS VALUABLE FOR THE OTHERS. WE WILL DELIVER AGILE SOLUTION TO MAKE THIS CONNECTION AVAILABLE AND ENABLE THEM TO GAIN FROM THIS PROCESS COINS OR EVEN FIAT MONEY.
 FOR NOW WE CANNOT TELL YOU THE FIRST AREA OF DAILY LIVING WE'VE DECIDED TO TAKE UNDER THE PROCED. THERE ARE AT LEAST TWO MORE WE WILL TAKE UNDER THE PROCESS AFTER THIS ONE.

OUR AIM IS BRING REAL PLATFORMS BASED UPON AJN COIN, WHERE IT IS A SOURCE OF PAYMENT. THE COIN THAT ALSO COULD BE EXCHENGABLE TO FIAT MONEY.

Project Plan

TIMELINE



BUSINESS NETWORKING

FROM THE IDEA INTO FLOURISHING BUSINESS

DELIVERING COMPLETELY SELF AWARE NETWORK OF INFORMATION THAT IS CONNECTED BY THE RELATIONS IN ALL POSSIBLE FACTORS WE CAN FIND. THE MARKET HAS QUITE CLEAR STRUCTURE. THE THING IS THAT INFORMATIONS ARE OWNED BY BIG CORPS, CLOSED BEHIND PAYWALLS OR ACCESS TO IT IS STRONGLY REGULATED.

WE HAVE STRONG KNOWLEDGE AND EXPERIENCE IN CONSTRUCTING LARGE-SCALE TRANSACTIONAL SYSTEMS. PARSING THE DATA, LOOKING IN REGULAR PHRASES, DO SEMANTIC MAPPING AND CONSTRUCT THE ALGORITHM THAT WILL BE ABLE TO SPED UP AT LEAST 140X GATHERING THE DATA. ALL TO BRING THE VALUABLE RESOURCES.

WE MAKE DECISIONS BASED ON DATA AND THOSE DECISIONS CAN CHANGE THE FUTURE OF OUR PROJECTS. WITH THE RIGHT MARKET RESEATCH WE ARE EMPOWERED TO DO MORE AND GAIN MORE.

THIS PROJECT WILL BE FOR US ALSO STARTING POINT TO BUILD FURTHER SOLUTIONS AND PRODUCTS AROUND THE BLOCKCHAIN CORE.

THE COMMUNICATOR

WE HAVE USERS, SO WE CAN GO ONE STEP FURTHER

COMMUNICATION IS THE NECESSITY - EVEN WITHIN THE SYSTEM, USERS SHOULD HAVE THE WAY TO PERFORM SECURED COMMUNICATION ON A DAILY BASIS. AT THIS POINT OF TIME IT IS GOING TO BE WEB BASED PROJECT. THE DELIVERY OF A MOBILE CLIENT WILL BE DELIVERED AS THE EXTENSION FOR THE WALLETT APP.

SECURITY AND THE PRIVACY

WE WERE CONSIDERING TO IMPLEMENT RSA WITH 2048-BIT KEY BUT WHEN YOU IMPLEMENT SOMETHING THAT SHOULD LAST LONG, YOU HAVE TO CONSIDER TO PREPARE FOR WORS. THIS IS WHY WE WANT TO IMPLEMENT DIFFE-HELLMANN EC WITH 4096-BIT KEY.

Diffie–Hellman key exchange is a method of securely exchanging cryptographic keys over a public channel and was one of the first public-key protocols as conceived by Ralph Merkle and named after Whitfield Diffie and Martin Hellman. DH is one of the earliest practical examples of public key exchange implemented within the field of cryptography.



THREE MORE SECTORS



HEALTHCARE



**FINANCIAL
B2B LOANS**



**MASS CAR
SERVICES**

First clients

“We have first clients looking to establish their services on our chain”

+

FORKLESS UPDATE

**Blockchains to upgrade
themselves without
the need to fork the chain -
total revolution.**

**Upgrades with active
junction on-chain governance
system**

LIVE PRIME and stay PONO



**A goal is a
dream with a
deadline.**

AJN makes network of united but still separated blockchain shards called parachains. These chains connect to and are secured by the AJN Prime Chain. They can also connect with external networks via bridges.

Kane is fully modular and flexible: mix and match ready-made components and build out your core business logic while leaving the rest to the framework. Plug-and-play modules like consensus, networking and finality give you the freedom to focus on your specific area of expertise, saving you substantial time and effort in the development process. Keep things lean by implementing only the necessary functionality on your custom blockchain.



PONO PRIME

Always restless in creativity

Project page
ponoprime.io