

# Lite Paper for 2XDN

---

 **Digital**Note

DECEMBER 22

---

**DigitalNote**

**Authored by: Au CRHI**



---

# Reason for releasing an ERC-20 token 2XDN

## Diversity

Not many people realize that DigitalNote XDN was an early adopter to DeFi even before the popular buzz word was “coined.” Our term deposits were unique at the time offering users the ability to “bank” their XDN for a fixed period of time. A very basic smart contract at the time, nevertheless, a smart contract.

The concept of the original XDN smart contract has expanded even further today with tokens offering a vast array of services in the DeFi landscape.

With the total rebase from XDN Cryptonote base to Satoshi Core, our main priority was to ensure that we had a stable blockchain. The DeFi features that we had at the time would have deemed us a “Bank” and the legal advice we were given at the time would have required us to apply for a banking license to operate. At the same time, privacy coins were under scrutiny and were being left in the cold for many reasons. Monero and Dash come to mind, being accused of being the currency of choice for the underworld to fund suspicious transactions. In the transition, we abandoned calling ourselves a “privacy coin” to a degree to protect our future in the event that “privacy coins” would endure even more scrutiny in future.

***“Developing a world class blockchain takes time,  
money, effort and supporters!”***

---

The recent boom in DeFi has again woken up the crypto community sparking the start of a new rush to offer more robust and flexible solutions. We are often asked if DigitalNote is DeFi and the answer is yes. However, if you were to compare it to the popular services that DeFi are offering, today, we do not cover features such as lending, loans and trading services. Our main focus has been to provide yield on XDN holding, and maintain and deliver our broad-based solution of Messaging for mass adoption and day to day use.

We understand that DeFi is becoming extremely popular way to bring additional features to the market and the XDN community agree that these new features could best be delivered on a side chain to minimize the risk to our current goals and our stable DigitalNote XDN blockchain.

To perform this, we will consider introducing 2XDN on the popular ERC-20 Ethereum platform which will offer us far more opportunities to interact with mobile apps such as Komodo, Metamask, Exodus, Jaxx Liberty and integrating into Dex exchanges, payment platforms etc. The high gas prices on the ETH network are a big hinderance right now and hopefully ETH2 due for release this year will normalize prices and improve scalability of the network. Working with chains such as OMG could be the answer to reducing transfer fees to make it more competitive.

***“It is just a matter of time before the Ethereum network will scale to the point where it will support the ecosystem that depends on it.”***

---

## How will XDN interact with 2XDN

We have been asked why maintain 2 separate chains, one on the Bitcoin Satoshi Core and then 2XDN on a technology using Ethereum network's ERC-20 technology.

The market is changing so fast and interoperability is becoming even more important to keep up to date with what the crypto community want these days.

At this point we believe that XDN will still be our main focus to develop our product portfolio and offer a resilient blockchain to our community. The intention is to allow users to flip between holding XDN for yield whilst using 2XDN for versatility and convenience on more platforms that accept ERC-20 tokens.

The cost of integrating XDN into many of the popular wallets out there is simply not financially viable for our native coin XDN. With 2XDN on ERC-20, it opens these doors for us.

The pace of development and utility for 2XDN will be a key contributor to our roadmap over the next 12 months.

---

# Why ERC-20 for 2XDN?

One of the biggest factors for the decision of moving to ERC-20 was that we did not have to worry about the fact that significant resources were being deployed on maintaining the backend blockchain. The ERC-20 network is maintained on the Ethereum network which give us more time to use our resources to provide utility in providing applications.

After evaluating Tron, Cardano, SYS and a few other candidates that have good credentials, we decided to continue with ERC-20 and here are a few of the reasons that we have chosen to release 2XDN as an ERC-20 token:

- ERC-20 offers far more benefits of easy integration into payment gateways, Exchanges, and countless wallets.
- Secure and fast confirmation of transactions.
- The ability to use smart contracts and multi-signature capabilities to further improve the utility of the token.
- DApp integration with many more tools for developers to take advantage of.
- ERC-20 tokens are seen as being more reliable and easier to integrate into other technology.
- The ERC-20 standard makes it easier for our developers to predict with more accuracy the interaction between different tokens and applications. It also defines how ERC-20 tokens are transferred within the Ethereum blockchain and how their respective supply and address balances are being consistently recorded.

---

Weakness to overcome:

- ERC-20 and high gas fees on transactions are limiting transactions.
- The scalability of the Ethereum Network. There are opportunities to overcome this with ETH-2 and other solutions such as using the OMG network.

## Features and specifications:

- Token DigitalNote 2XDN - blockchain – ERC-20
- 2XDN Supply Cap: 70,000,000
- Estimated Circulatory Supply: After the Superblock Event will be approximately 54,569,000 2XDN.
- Emissions: 2XDN will not be subject to emissions via mining, Master Nodes or staking via the direct contract. There may be third party DApps that will use 2XDN in yield farming, lending and other services.
- Coin Burn: The Superblock Event will occur at block 300,000 and users will need to follow instructions on how to proceed in claiming 2XDN. Funds that have not been claimed at the time of the Superblock Event will be burnt, thus lowering the circulating supply of 2XDN.
- 2XDN Contract Address: 0x310052769DE50103600981A02bba373f0e812a0d
- Utility: 2XDN will concentrate on providing more interoperability using messaging within the ERC-20 network and will look to integrate with potential partners. A number of suitable candidates have been identified that have the tools and infrastructure to help DigitalNote and 2XDN fast track our product deliverables.