

Technology Overview

Part of Xentavos value proposition is the use of multiple blockchains in order to provide high transaction throughput for it's clients while maintaining a decentralized structure. While the XEN token will utilize the NEM public blockchain, each new individual client will lead to the creation of a new provisioned, private blockchain that will be linked to the main Xentavo blockchain.

The XEN token will become a so called mosaic on the NEM blockchain and all investors will be able to send, receive and transfer their XEN tokens however they like on the NEM blockchain. Apart from being publicly tradeable, the token will also be utilized in the client platforms as the means for paying fees for the different services used by the client.

NEM Blockchain

The choice of using NEM was mainly driven by its simple smart asset modeling and namespace system, along with its "off chain" smart contracts enabling transaction outcomes to be recorded in the blockchain through the use of APIs.

The use of APIs instead of regular smart contracts is an important choice from a performance standpoint. Because Xentavo smart contracts run off-chain, they don't have to rely on the computational power or scalability limitations seen in many other blockchain applications. This also simplifies the development process of the platform since the business logic can be built with well known languages and paradigms.

The private blockchains utilized by the governments will therefore see fee-less transactions at a much larger scale than other public blockchains. They can maintain a high transaction throughput because of their permissioned nature where the nodes will be selected by the government itself. The nodes could be run on both public and private institutions in which the government has trust in, for example banks or other financial institutions.