

Romanian company CryptoDATA Tech has launched a new blockchain called Xiden

CryptoDATA Tech has launched a new blockchain architecture called Xiden that aims to deliver a new internet concept consisting of multiple decentralized networks which will act as a single network connection of nodes governed by individual users.



www.cryptodata.com/hidr

Bucharest, Bucuresti Apr 8, 2022 (Issuewire.com) - The Xiden Blockchain is a decentralized network that utilizes blockchain technology to ensure conformity to facts, the security of data, and operational procedures. This network is built to support the integration of all smart devices into the blockchain system in order to ensure optimal and efficient use of all available resources. Furthermore, Xiden combines technologies such as the Internet of Things with blockchain technology to develop a protocol that will allow smart devices to perform tasks automatically and autonomously, thus ensuring high-speed data and operational procedures validation.

Ovidiu Toma - CEO of CryptoDATA Tech

We are happy to announce that we have developed a new blockchain architecture meant to revolutionize the way users benefit from their devices' resources, in terms of computing power and storage capacity. They can employ devices to use the Xiden network and will be rewarded for making their resources available to the network. Xiden is more than this, facilitates the development of DApps, and ensures high interoperability as it is compatible with multiple blockchain networks.

An important aspect of the Xiden network is that it uses existing Polygon modules that allow communication with multiple blockchain networks and comply with the ERC20 and ERC721 standards.

This allows the initiation of data transfer between blockchains using Bridge solutions. Xiden is a blockchain with a hybrid architecture, as Xiden's Core is Ethereum and uses Polygon Edge's Proof of Stake architecture, over which we have integrated the Proof of Existence and Proof of Connectivity to improve the Consensus Layer.

The Xiden blockchain layer combines the blockchain architecture with the utility module consisting of the Spectralis Network layer and the Smart Distributed Resources layer thus, representing a new approach to the Eth solution using Polygon Edge as an intermediate layer.

Spectralis Network layer is a new integrated layer of decentralized networks built on integrated devices such as routers that will be owned by users and will be located in multiple locations around the world. The routers can open Hotspots called SPNs (Spectralis Private Networks) to which smart electronic devices can automatically connect in order to access the Global Internet.

The main purpose of this Internet Layer is to eliminate the possibility of censorship, provide high cyber security features, and allow everyone access to the world wide web.

Another layer that defines Xiden is called Smart Distributed Resources (*SDR*), and it forms a network with a decentralized architecture that provides computing power and storage for all participants with smart electronic devices registered in the network (*more information can be found in Xiden [WhitePaper](#)*).

The SDR layer facilitates the creation of a new ecosystem empowered by the use of physical devices developed by CryptoDATA, and presented below:

Minter Guardian

A redefined smart device that makes it easy for users to reach the full potential of blockchain technology. Minter is designed to provide all users with access to the global Internet through a cyber secure, private and unrestricted infrastructure, making it easy to integrate smart devices into the blockchain system.

HiDR (dual-environment smartphone)

A new smartphone that combines its integrated state-of-the-art technology, futuristic design with high-end security. HiDR is a dual environment device that can be utilized for regular activities and transmission of confidential data.

BASM (the first blockchain encrypted laptop)

The first secured blockchain encrypted laptop operating on DUAL OS (regular OS & CryptoDATA OS), facilitating the use of both regular software programs and it's encrypted - CDT OS-powered programs and apps for sensitive data exchange.

The above smart devices can be integrated into the Xiden blockchain and can be utilized to validate the conformity to facts, the security of data, and operational procedures within the network which will bring rewards to their owners.

Xiden website: <https://xiden.com/>

CryptoDATA Tech website: <https://cryptodata.com/>

About CryptoDATA Tech

CryptoDATA Tech is a Romanian company that operates in areas such as cyber security, encrypted telecommunications, and artificial intelligence to provide IT solutions using Blockchain technology.

CryptoDATA has innovated the global cyber security market by developing the most powerful encryption protocol, [Voice Over Blockchain Protocol®](#) (VOBP), implemented in encrypted and secure devices developed in Romania.

www.cryptodata.com



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