NULS (NULS)

About :

NULS is a blockchain with a modular based architecture enabling customizable modules and sub-chain operability. Its two-part design is the microkernel and the functional modules. The microkernel provides the underlying mechanisms for the network while the functional modules are the compartmentalized features of the blockchain. They also adopt the hotpluggable principle allowing modules to be added or removed during operation.

Advantages :

Existing Blockchains are limited in performance and cross-chain communication is still being explored. Organizations and businesses will not be interested in using a consortium or private chain that isn't completely trustworthy. NULS will provide a reliable solution to these problems.

- **Ease of Use :** The learning curve for developing on NULS is reduced by hiding some of the complexity from the developer. The goal of the platform is to improve development time by offering a simple programmable environment that caters to the less experienced developer while facilitating extendibility for the more experienced individual.

- **Adaptable to Numereous Application Scenarios :** The application layer is where the developer can take advantage of the infrastructural support that has been designed as a part of the platform. The developer can easily perform basic tasks and make use of the modular parts such as the multi-chain system and smart contracts.

- **High Performance :** NULS understands the importance of performance and the limitations of current Blockchains and is committed to solving these for widespread adoption. Using parallel expansion technology through the multi-chain system, millions of transactions per second can be processed through the main-chain and sub-chains.

- **Balance in Transparency and Confidentiality Of Data :** NULS is open-source, it protects the confidentiality of the data in sub-chains through data isolation and cross-chain auditing. This balance between transparency and confidentiality of data is why NULS will appeal to commercial businesses despite it being open-source.