

Using Blockchain in Georgia

Today we are stepping into the new era of internet which is called Blockchain.

Blockchain is a distributed database that maintains a continuously growing list of ordered records called blocks. Each block contains a timestamp and a link to a previous block.

By design, blockchains are inherently resistant to modification of the data once recorded, the data in a block cannot be altered retroactively, therefore information stored in blockchain is protected from cyber-attacks as well as physical destruction.

The records are not kept in one particular place, but in tens of thousands of computers all over the world. All computers in the network automatically block any attempt of suspicious manipulation in particular data.

Georgia is one of the first countries in the world using the Blockchain technology for immovable property registration. The registration of immovable property in Georgia is implemented by the National Agency of Public Registry (NAPR) under the Ministry of Justice with one of the most advanced IT Department.

The works on integrating registration services in Blockchain started in 2016, when the BitFury Group took interest in the developed IT infrastructure of NAPR and the leading position of Georgia in the World Bank Doing Business Rankings.

The first phase of cooperation with the BitFury Group involved development of the pilot project on using blockchain technology for immovable property registration and technical and other preparatory works for launching it in real mode, which has been successfully completed.

Information about the extract on any immovable property is automatically sent to the Blockchain system. It is impossible to delete, alter, rewrite or illegally manipulate the data stored in Blockchain.

The innovation means to assign a special hash (hashing) to the immovable property extract. The hash is a sequence of symbols, which is unique for each document if the same algorithm is used. The identical hashes in the Blockchain system and NAPR website confirm authenticity of the extract.

Consequently, with Blockchain, NAPR makes information on immovable property even more secure, transparent and accessible around the world. Any person can check authenticity of immovable property extract in the Blockchain network via the special website www.blockchain.info, www.blocktrail.com, www.btc.com

This innovation applies to current registration transactions and does not imply payment of any additional fees.

The old extracts, i.e. those prepared till 20th of February, 2017, are possible to store in the Blockchain system only upon their renewal. The extracts can be renewed via internet or at the territorial offices of NAPR, Public Service Halls and Community Centers.

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After the first phase of successful implementation, this groundbreaking project has been moved to the second phase which includes smart-contract capabilities to streamline business operations for NAPR, including the sale of property, transfer of ownership and more.