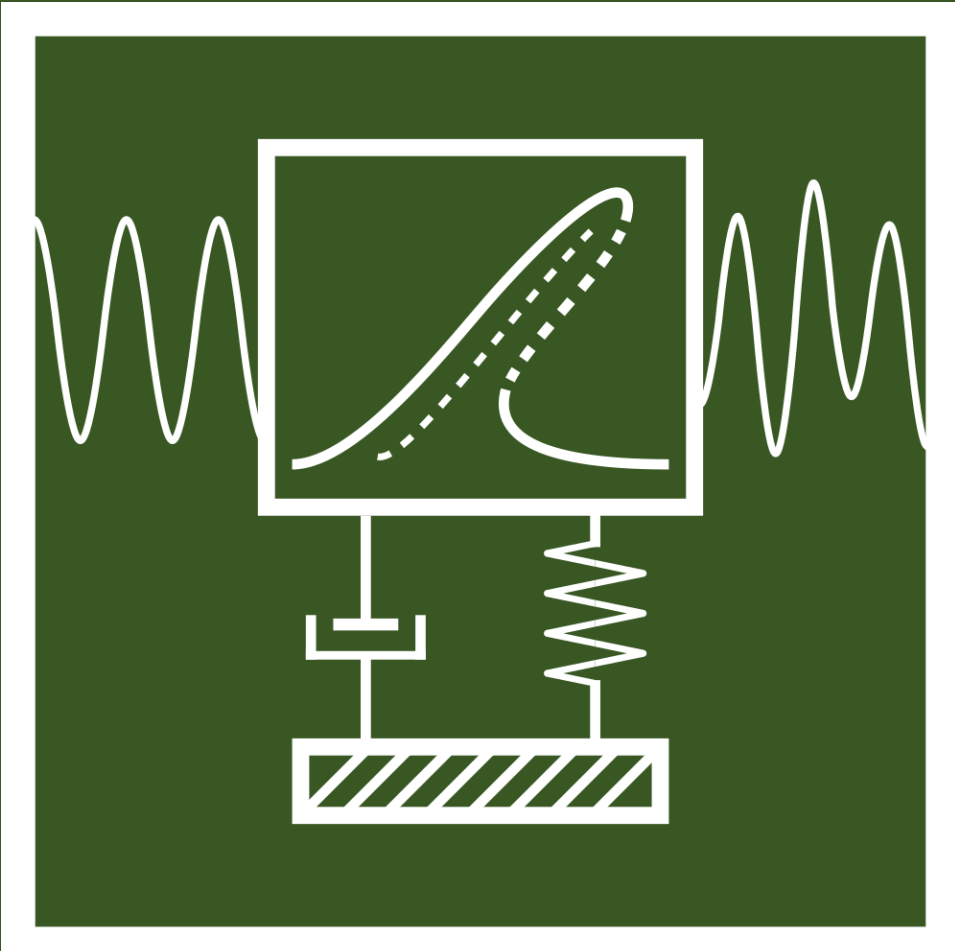


Cryptography, Internet of Things (IoT), Blockchain, Cryptocurrency Business Value Chain



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A

Abstract. Cryptography provides information security in a wide area of applications, namely in blockchain and IoT technologies. The main blockchain application is for business processes monitoring and control. It is also associating with New Economic Movement and Industry Tokenization allowing to provide transparent Crowd Funding without brokers mediation. Blockchain is also providing a transparent and trusted Business Value Chain integration with IoT technologies supported by tokens as a way to attract investors. IoT can be realized by robotics controlling physical events for Smart Contracts operation.

02

Results. Integrating cryptographic methods in private blockchain the all required functionality is achieved required in private blockchain satisfying value chain confidentiality and authenticity.

01

Methods. Digital signature, identification, key agreement protocol, encryption, blockchain technology.

03

Conclusions. Cryptography, blockchain and robotics integration allows to create entire value chain

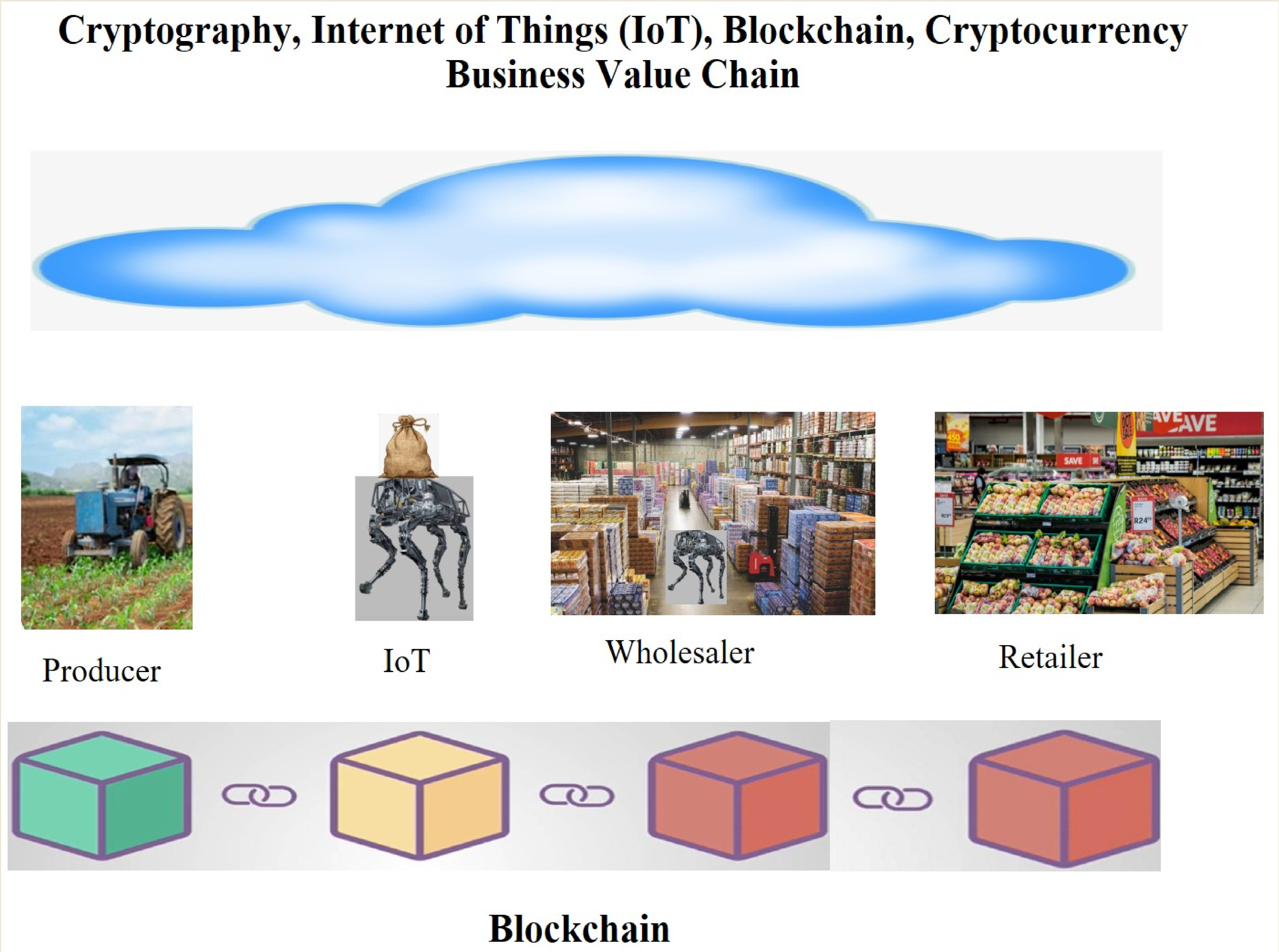


Fig 1. Schematic of the set-up / model.