

**ADOPTION OF BLOCKCHAIN TECHNOLOGY IN SUPPLY CHAINS - A
TECHNOLOGY-ORGANIZATION-ENVIRONMENT (TOE) PERSPECTIVE**

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ABSTRACT

Blockchain technology is an emerging technology in the business world and is known to be the underlying basis of cryptocurrencies like Bitcoin. This study explores the applicability and possible adoption of blockchain technology in supply chains. We use the Technology-Organization-Environment (TOE) framework to identify factors that would influence the adoption of this innovative technology. Secondary case studies and use cases from early adopters will be used to identify TOE factors in the context of blockchain. The use cases will be from some of the large companies that are testing out this technology and from startups that are at the forefront of this technology adoption and propagation.

Keywords: Blockchain, Supply Chain.