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Blockchain - A New IT infrastructure

https://marketpublishers.com/r/B6B0C212C75EN.html
Date: October 2016
Pages: 59
Price: US$ 3,300.00 (Single User License)
ID: B6B0C212C75EN

Abstracts

This report provides a detailed exploration of Blockchain technologies, their current applications and potential impact. It describes how a blockchain works, its possible variants and technological limitations. The report also takes a look at the blockchain ecosystem, the structure of its value chain and core applications: blockchain infrastructures, FinTech, ownership and property management, decentralized apps. Finally, it delivers an analysis of today's market, the main factors shaping its development, and the potential impact of this new secure infrastructure technology.

Although some of the technology’s promoters believe blockchains are capable of decentralizing the economy, it seems unlikely. The blockchain does not necessarily cause a significant disruption in the value chain. While it could help eliminate certain intermediaries in specific fields, it appears more a way for established players to reduce their costs.

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