

# **Blockchain's impact on supply chain of a pharmaceutical company**

*Magnus Lyster Jochumsen  
Aalborg University, Copenhagen  
2450 Denmark*

*Atanu Chaudhuri  
atanu@business.aau.dk*

*Department of Materials and Production, Aalborg University, Copenhagen  
2450 Denmark*

<

## **Abstract**

The purpose of this research is to assess the implication of blockchain technology on the supply chain and procurement on pharmaceutical industry. The objective is to identify the areas that blockchain has the highest potential impact so that the case company can prepare and take advantage of the technology. The research uses literature review and interviews of experts to form the basis of the research. The findings show that the key areas in the supply chain and procurement of the pharmaceutical company, which will be impacted by blockchain are track and trace, smart contracts, securing Internet of Things (IoT) and avoiding counterfeiting.

**Keywords: Blockchain, Supply Chain, Pharmaceutical industry**