

Blockchain

The strategic role of logistics in the industry 4.0 era

2019-09-01 - www.scopus.com

By leveraging new technologies (Additive Manufacturing, Advanced Robotics, Artificial Intelligence, Autonomous Vehicles, Blockchain, Drones, Internet of Things, etc.), many companies are developing cyber-physical systems that can change the competition landscape. In the midst of this exciting development, we examine the strategic role of logistics and transportation services for creating economic, environmental and social values. Also, we discuss some new research directions. © 2019 Elsevier Ltd

PublicationName: *Transportation Research Part E: Logistics and Transportation Review*Affiliations: *University of California, Los Angeles / United States*

doi: [10.1016/j.tre.2019.06.004](https://doi.org/10.1016/j.tre.2019.06.004)

eIssn:

Volume: 129

IssueIdentifier:

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Boeing rejoint le réseau blockchain Hedera Hashgraph - Cryptonaute

2019-08-30 - cryptonaute.fr

Le constructeur aéronautique américain Boeing se joint à IBM, SwissCom, TATA et d'autres à travers le consortium blockchain Hedera Hashgraph. Boeing est la ...

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Blockchain secures distributed additive manufacturing in the U.S. Air Force - 3D Printing Industry

2019-08-27 - 3dprintingindustry.com

*The U.S. Air Force is collaborating with blockchain as a *service* (BaaS) company SIMBA Chain to enhance security in additive manufacturing. The partnership is ...*

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Building a digital twin for additive manufacturing through the exploitation of blockchain: A case analysis of the aircraft industry

2019-08-01 - www.scopus.com

Blockchain is becoming a widespread digital technology that allows every transaction to be tracked in an inviolable way, hence making it possible to go back through the entire history of products and product components. Its idiosyncratic characteristics can be especially useful in the aircraft industry, a highly technologically-based sector, wherein manufacturers of components are governed by stringent technical standards, the aim of which is to certify and monitor the whole component production process. In addition, the sector makes significant use of additive manufacturing technologies to perform the rapid prototyping of product components, realized through the supply chain, hence reducing time-to-market, while ensuring quality and containing costs. Starting from these premises, the paper focuses on the phases characterizing the metal additive manufacturing process, in which a component for the aircraft industry can be produced and proposes a digital twin for additive manufacturing in the aircraft industry through the exploitation of Blockchain solutions. In doing so, the paper provides a conceptual answer to securing and organizing the data generated through an end-to-end additive manufacturing process in the aircraft industry and underlines how companies exploiting Blockchain can build secure and

connected manufacturing infrastructure. © 2019 Elsevier B.V.

PublicationName: Computers in IndustryAffiliations: Università degli Studi di Bari / Italy
doi: 10.1016/j.compind.2 [...]

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La Blockchain dans l'aéronautique et l'aviation (Partie 3)

2019-07-22 - www.youtube.com

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L'horloger Vacheron Constantin sécurise ses montres avec la blockchain

2019-07-04 - www.usinenouvelle.com

Maison du groupe Richemont, l'horloger Vacheron Constantin se dote de la blockchain d'Arianee pour certifier ses garde-temps. Un usage de cette technologie auquel s'est déjà essayé LVMH.

La blockchain, un outil de l'industrie du luxe ? Comme LVMH avec ConsenSys, l'horloger Vacheron Constantin, du groupe Richemont, a adopté la [...] Lire l'article

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