



New Research Shows Blockchain Speeds Product Development for Mobile Operators

DSCI, Aricent and Bitfury demonstrate disruptive technology accelerates product cycle time by 34 percent

New York, Feb. 26, 2018 — The Digital Supply Chain Institute (DSCI), in partnership with Aricent and the Bitfury Group, today announced the results of pilot projects that demonstrate blockchain technology can deliver products 34 percent faster.

In collaboration with [Aricent](#), [DSCI](#), an independent not-for-profit research organization, partnered with [Bitfury](#), the world's leading full-service blockchain technology company, to explore how the technology underpinning cryptocurrencies can enhance software product development supply chains and improve development operations (DevOps).

In a six-month series of proof-of-concept projects for Aricent, a global design and engineering firm, a blockchain-enabled software development approach increased developer performance, product cycle time and fault resolution time. The blockchain-enabled approach can:

- Improve cycle time by 34 percent.
- Increase productivity by 29 percent.
- Improve quality by 11 percent.

“The results exceeded our expectations and when fully deployed will provide new market opportunities, improved profitability and further differentiation from our competitors,” said Walid Negm, Aricent CTO.

“This study shows empirically that blockchain technology improves efficiency and delivers greater transparency,” said Valery Vavilov, CEO of Bitfury. “Working with Aricent and DSCI, we were able to improve a system, provide unparalleled efficiency and increase security. We look forward to seeing these results replicated by other companies as blockchain technology becomes even more widely adopted.”

According to analysts at IDC, worldwide spending on blockchains could reach over \$2 billion in 2018, double the \$945 million spent in 2017¹. Communication Services Providers (CSPs) can utilize blockchains to secure a number of technologies including mobile identity, data management, IoT, supply chain logistics, and DevOps.

“Companies are just beginning to understand the full potential of blockchain technology,” said Shawn Muma, DSCI Blockchain Research Leader. “What is unique about this project is that we were able to clearly demonstrate blockchain’s contribution to the improvements achieved. This technology will have widespread impact beyond supply chains and financial services, across all global industries and markets.”

DSCI developed the Blockchain Return Index (BRI), a tool that will help companies, independent of industry, measure the business impact of blockchain technology on their supply chain.

¹ [New IDC Spending Guide Sees Worldwide Blockchain Spending Growing to \\$9.2 Billion in 2021](#)

Aricent, Bitfury and DSCI are at the Mobile World Congress in Barcelona.

[About Aricent](#)

Aricent is a global design and engineering company innovating for customers in the digital era. We help our clients lead into the future by solving their most complex and mission critical issues through customized solutions. For decades, we have helped companies do new things and scale with intention. We bring differentiated value and capability in focused industries to help transform products, brands and companies. Based in San Francisco, frog, the global leader in innovation and design, is a part of Aricent. Learn more about Aricent at <https://www.aricent.com/>

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[About Bitfury](#)

The Bitfury Group is the world's leading full-service blockchain technology company and one of the largest private infrastructure providers in the blockchain ecosystem. Bitfury develops and delivers both the software and the hardware solutions necessary for businesses, governments, organizations and individuals to securely move an asset across the Blockchain. Bitfury recently launched Exonum, a custom framework that helps individuals, businesses and governments securely and easily bring their ideas and solutions to life.

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[About DSCI](#)

The Center for Global Enterprise's [Digital Supply Chain Institute](#) (DSCI) is a non-profit research Institute focused on the evolution of enterprise supply chains in the digital economy and the creation and application of supply chain management best practices. The mission of the institute is to help companies accelerate progress towards a truly digital supply chain. DSCI's work is directed by top supply chain executives from companies around the world. Learn more about the [Center for Global Enterprise](#) (CGE).

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