WALLETS, HOSPITALS AND THE CHINESE MILITARY: 19 EXAMPLES OF BLOCKCHAIN CYBERSECURITY AT WORK

<https://builtin.com/blockchain/blockchain-cybersecurity-uses>

This article provides information about the latest progresses in Blockchain solutions for Cybersecurity throughout six major industries – Cryptocurrencies, Traditional Banking, Healthcare, Government, Defense and Internet of Things. Mobilecoin, Javvy, Coinbase and Founders bank use blockchain as a cybersecurity protocol in cryptocurrency trading. The traditional Wall Street banks like Santander, JPMorgan and Barclays are the early adopters of Decentralized Ledger Technology for cybersecurity issues.  JPMorgan has developed an enterprise-focused version of Ethereum called Quorum, which uses blockchain technology to process private transactions. Barclays recently registered two Blockchain patents, one for Secure Digital Data Operations and another for a Data Validation and Storage system.  Healthcare experiences [twice the amount of cyber](https://www.csoonline.com/article/3260191/security/healthcare-experiences-twice-the-number-of-cyber-attacks-as-other-industries.html) attacks of any other industry as patient data is sold at high values in the black market. Hashed health, Philips healthcare and Health Linkages are the pioneers in implementing blockchain solutions in the Healthcare industry. Currently, many government agencies fail to meet basic encryption goals and very few have the capability to detect large data compromises. The Governments of The State of Colorado, Australia and Malta are the world leaders in governmental blockchain implementation. Coming to defense, according to Accenture, [86% of defense companies plan to implement blockchain](https://coincentral.com/defense-industry-technology/) in the cybersecurity protocols within the next three years. The U.S. and Chinese militaries are actively looking into Blockchain technology for its use in encryption and secure data transfer. Lockheed Martin is involved in the research to use blockchain to secure it’s weapon development systems. Moving on to IoT, the companies HDAC, CISCO and Filament are taking the lead in combining Blockchain technology with IoT devices. Blockchain technology is rapidly establishing itself in the cybersecurity industry.

My views:

This was a very recent article (Oct 2019) and it really portrayed the current blockchain scenario, the recent developments and the future goals of companies. Amazing research is going on in every industry to use blockchain solutions in cybersecurity. Reading this article, I realized why people compare today’s Blockchain to the 1990s Internet. I am once again convinced that Blockchain is the future.