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September 19, 2018

## BTN Research

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## George Gilder Interview – Life After Google

We heard this <u>Interview</u> earlier this week and found it interesting. It's only about 30 minutes if you want to hear it by clicking the link. George Gilder is a prolific writer on technology and economics and makes some long-term forecasts based on new changes developing in the world. The full name of his book is "Life After Google – The Fall of Big Data and the Rise of the Blockchain Economy."

Mr. Gilder does not think Google completely disappears and compares it to IBM, which was once thought to be a monopoly so powerful that it needed to be broken up. Decades later IBM is still around. But, he points to issues that could make Google's current system outdated and not as valuable.

First, there is Moore's Law – the notion that the capacity of microchips doubles every couple of years. Second is Bell's Law from Gordon Bell of Microsoft – Every 10 years the on-going doubling process of Moore's Law creates a 100,000-fold increase in computer system capability that requires a completely new computer architecture. Third, the current architecture is in chaos over security. Engineers cannot fully solve this issue so they add tons of passwords, identity tests, website blockers. All that piled on software slows down computer speed and efficiency and it's not even fully effective.

The prediction is that blockchain will take over and create security by keeping all the data encrypted with the actual person. Individuals will see productivity increase, payments and transfers will be instantaneous, and data will be decentralized. If we may paraphrase, he essentially says Google has built the world's largest mainframe computer that stores data on millions of people and mines it for advertising payments. He believes that the blockchain will decentralize all this data – it will be encrypted and be everywhere. No longer will data be concentrated in giant centralized ways. It will be impossible to control enough of the data or decipher all of it to feed Google's current model.

Other topics mentioned in the interview are Cryptocurrencies and ICOs (Initial Coin Offerings) replacing the IPO (Initial Public Offering) process because the legal hurdles with Sarbanes Oxley and other regulatory changes make it too cumbersome.

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