

Forbes / Investing / #BlockchainJUL 3, 2018 @ 08:46 AM 7,172 

The Little Black Book of Billionaire Secrets

Big Blockchain: The 50 Largest Public Companies Exploring Blockchain

**Michael del Castillo**, FORBES STAFF *I cover enterprise adoption of blockchain and cryptocurrency.* [FULL BIO](#) 

There's more than one way to gain exposure to blockchain innovation. Beyond buying over-the-counter products or investing directly in blockchain startups some of the largest public companies in the world are already dabbling in the tech. In fact, a closer look at this year's *Forbes Global 2000* list of the largest public companies in the world reveals that not only are **all ten of the largest public companies in the world** exploring blockchain, but at least 50 of the biggest names on the list have all made their own mark on technology first inspired by bitcoin.



(Stuart Ramson/AP Images for American Express)

50) **American Express Company [Ticker symbol: AXP]**

Location: United States

Sales: \$37.65 billion

Blockchain Play: Ranked number 119 on the Global 2000, this credit giant is testing a way to use blockchain to give vendors more power over membership rewards.



(Photo by Dominik Bindl/Getty Images)

49) Banco Bilbao Vizcaya Argentaria, S.A. [550190]

Location: Spain

Sales: \$29.24 billion

Blockchain Play: The bank ranked number 116 on the Global 2000, has announced it closed a €75 million corporate loan using both ethereum and Hyperledger Fabric.



(AP Photo/Koji Sasahara)

48) **Mizuho Financial Group [8411]**

Location: Japan

Sales: \$29.73 billion

Blockchain Play: An early leader in a wide range of blockchain projects, the 114th largest company on the Global 2000 took a hit this year when its head of blockchain left, according to a *CoinDesk* report .



Photographer: Carla Gottgens/Bloomberg

47) **BHP Billiton Limited [614469]**

Location: Australia

Sales: \$41.23 billion

Blockchain Play: Often called the world's largest mining company, the 108th largest firm on this year's Global 2000 list is exploring how blockchain can improve its supply chain.



(AP Photo/Noah Berger)

46) Oracle Corporation [ORCL]

Location: United States

Sales: \$39.47 billion

Blockchain Play: Since joining Hyperledger Fabric in 2017, the 107th largest company on this year's Global 2000 list has been preparing to launch its own enterprise blockchain platform.



AP Photo/Mark Schiefelbein

45) **Tencent Holdings Ltd [BMMV2K]**

Location: China

Sales: \$35.27 billion

Blockchain Play: Earlier this year, the company ranked 105 on the Global 2000, [announced](#) work with the Shenzhen State Taxation Bureau to explore blockchain and taxes.



Photo credit should read ANTONY DICKSON/AFP/Getty Images

44) **AIA Group [B4TX8S]**

Location: Hong Kong

Sales: \$31.92 billion

Blockchain Play: Ranked 93 on the Global 2000, the insurance giant last year [revealed](#) a bancainsurance platform using Hyperledger Fabric, and now [runs](#) its own blockchain accelerator.



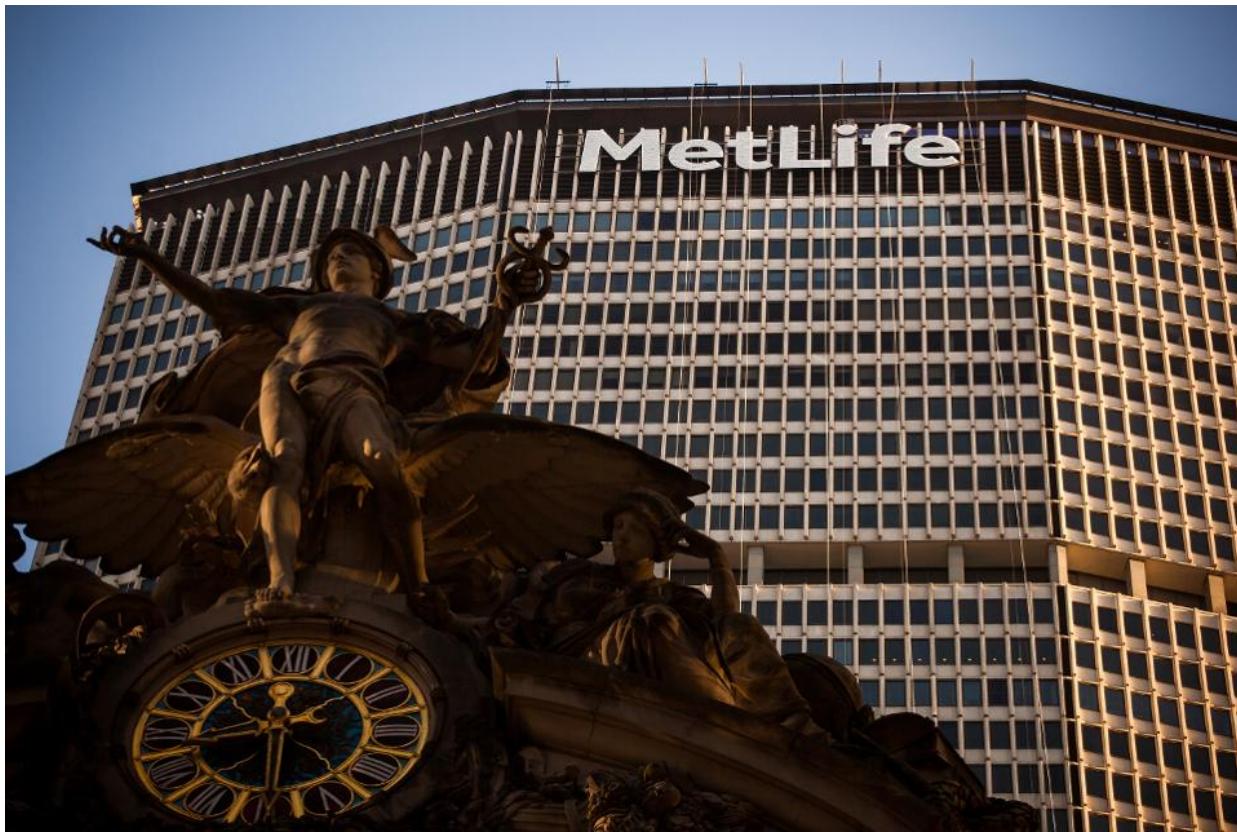
AP Photo/Ng Han Guan

43) **Alibaba Group Holding Ltd. [BABA]**

Location: China

Sales: \$37.87 billion

Blockchain Play: Ranked number 81 on the Global 2000, this ecommerce giant has piloted a food supply chain and [plans](#) to invest part of a \$14 billion Series A in the tech.



Photographer: Michael Nagle/Bloomberg

42) **MetLife, Inc. [MET]**

Location: United States

Sales: \$64.08 billion

Blockchain Play: The insurance giant ranked number 78 on the Global 2000 has [partnered](#) with IBM and insurance tech company Majesco, to build a blockchain platform for insurance.



Photo by Alexander Koerner/Getty Images

41) Facebook, Inc. [FB]

Location: United States

Sales: \$44.59 billion

Blockchain Play: The CEO of the 77th largest company on the *Forbes Global 2000* list, Mark Zuckerberg, has [explained](#) his company plans to explore blockchain in a number of use cases.



Photographer: Victor J. Blue/Bloomberg

40) Prudential Financial [PRU]

Location: United States

Sales: \$61.13 billion

Blockchain Play: Largely working behind the scenes, the financial giant ranked number 73 on the Global 2000 and is a backer of **influential** Digital Currency Group.



Photographer: Michael Nagle/Bloomberg

39) **Walt Disney Company [DIS]**

Location: United States

Sales: \$56.83 billion

Blockchain Play: After the entertainment giant shelved an internal blockchain solution, Dragonchain, employees spun-off their own startup to commercialize the platform.



Photographer: Michael Nagle/Bloomberg

38) IBM [IBM]

Location: United States

Sales: \$80.06 billion

Blockchain Play: The computer giant ranked number 67 on the Global 2000 has open-sourced the widely used Hyperledger Fabric and is a driving force behind multiple blockchain initiatives.



Photographer: Luke Sharrett/Bloomberg

37) Ford Motor Company [F]

Location: United States

Sales: \$159.59 billion

Blockchain Play: The auto giant that ranked number 67 on the Global 2000 co-launched a blockchain research group for the auto industry, and was granted a patent for controlling traffic flow.



Photographer: Suzanne Plunkett/Bloomberg News

36) Prudential [70995]

Location: United Kingdom

Sales: \$111.48 billion

Blockchain Play: The company ranked number 66 on the Global 2000 has partnered with Singapore telecom firm StarHub to launch a blockchain-based trade platform for small businesses.



Photographer: Alessia Pierdomenico/Bloomberg

35) **Intesa Sanpaolo S.p.A. [407683]**

Location: Italy

Sales: \$42.52 billion

Blockchain Play: Ranked number 61 on the Global 2000, this Italian bank has been a leader in using public blockchains, including bitcoin to timestamp records and **Ethereum** for derivatives.



AP Photo/Richard Drew, File

34) **Goldman Sachs Group Inc. [GS]**

Location: United States

Sales: \$43.69 billion

Blockchain Play: Ranked number 60 of the Global 2000, the bank has plans to open its own bitcoin trading desk.



Photo by Omar Marques/SOPA Images/LightRocket via Getty Images

33) ING Group [BZ5739]

Location: Netherlands

Sales: \$56.58 billion

Blockchain Play: Ranked number 56 on the Global 2000, ING Group has open-sourced software solutions designed to help protect a user's identity.



Photographer: Bartek Sadowski/Bloomberg

32) **Amazon.com Inc. [AMZN]**

Location: United States

Sales: \$193.19 billion

Blockchain Play: This ecommerce giant ranked number 53 on the Global 2000, offers cloud integrations for a number of blockchains and recently partnered with ethereum startup ConsenSys.



Photo by Alexander Pohl/NurPhoto via Getty Images

31) Siemens AG [572797]

Location: Germany

Sales: \$94.47 billion

Blockchain Play: This industrial giant ranked number 51 on the Global 2000 and has invested in LO3, a blockchain energy startup working to help neighbors buy and sell solar power directly from each other.



Photo by Logan Bowles/PGA Tour

30) **Morgan Stanley [MS]**

Location: United States

Sales: \$45.59 billion

Blockchain Play: In spite of clearing bitcoin futures contracts for its customers, the number 50 company on the Global 2000 also issued a [report](#) on the negative impacts of bitcoin mining on the environment.

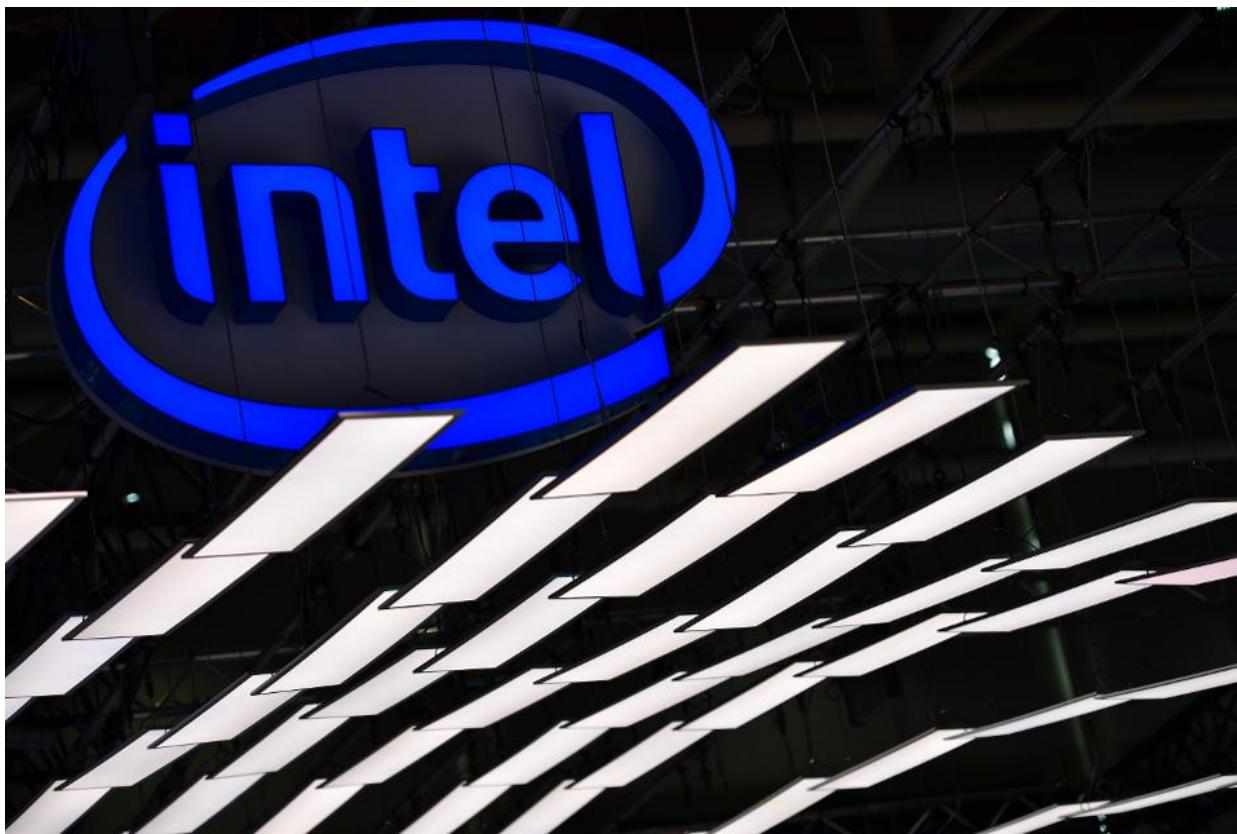


Photo by Alexander Koerner/Getty Images

29) Intel Corporation [INTC]

Location: United States

Sales: \$64.03 billion

Blockchain Play: Since contributing blockchain platform Sawtooth to the Hyperledger consortium, the computer giant ranked number 49 on the Global 2000, has focused on how hardware can help blockchain.



Photographer: Stefan Wermuth/Bloomberg

28) Nestle [712387]

Location: Switzerland

Sales: 91.23 billion

Blockchain Play: The Swiss food-giant ranked number 48 on this year's Global 2000 and is now part of a consortium working with IBM to remove unnecessary middlemen from the way they ship goods.



Photographer: Andrey Rudakov/Bloomberg

27) Sberbank Russia [476798]

Location: Russia

Sales: \$46.33 billion

Blockchain Play: The 47th largest public company according to the Global 2000, launched a blockchain lab in 2017 and is working with Russia's securities depository to explore blockchain corporate bonds.



Photographer: Michael Nagle/Bloomberg

26) Pfizer [PFE]

Location: United States

Sales: \$52.67 billion

Blockchain Play: Ranked number 44 on the Global 2000, this pharmaceutical giant is in the early stages of a project with Chronicled, a blockchain startup for supply chains.



Photographer: Cole Burston/Bloomberg

25) Royal Bank of Canada [RY]

Location: Canada

Sales: \$40.49

Blockchain Play: In addition to exploring a number of blockchain solutions, the bank ranked number 42 on the *Forbes* Global 2000, earlier this year registered a patent for automating credit scores.



Photographer: Vincent Mundy/Bloomberg

24) Anheuser-Busch InBev [ABI-BE]

Location: Belgium

Sales: \$56.36 billion

Blockchain Play: Number 42 on the Global 2000, the maker of Budweiser has announced work on a blockchain platform aimed at simplifying freight logistics.



Photographer: Akio Kon/Bloomberg

23) Mitsubishi UFJ Financial Group [8306]

Location: Japan

Sales: \$51.76 billion

Blockchain Play: Ranked number 37 on the Global 2000, MUFJ joined the Ripple payments network in 2017, and plans to co-launch its own blockchain solution next year.



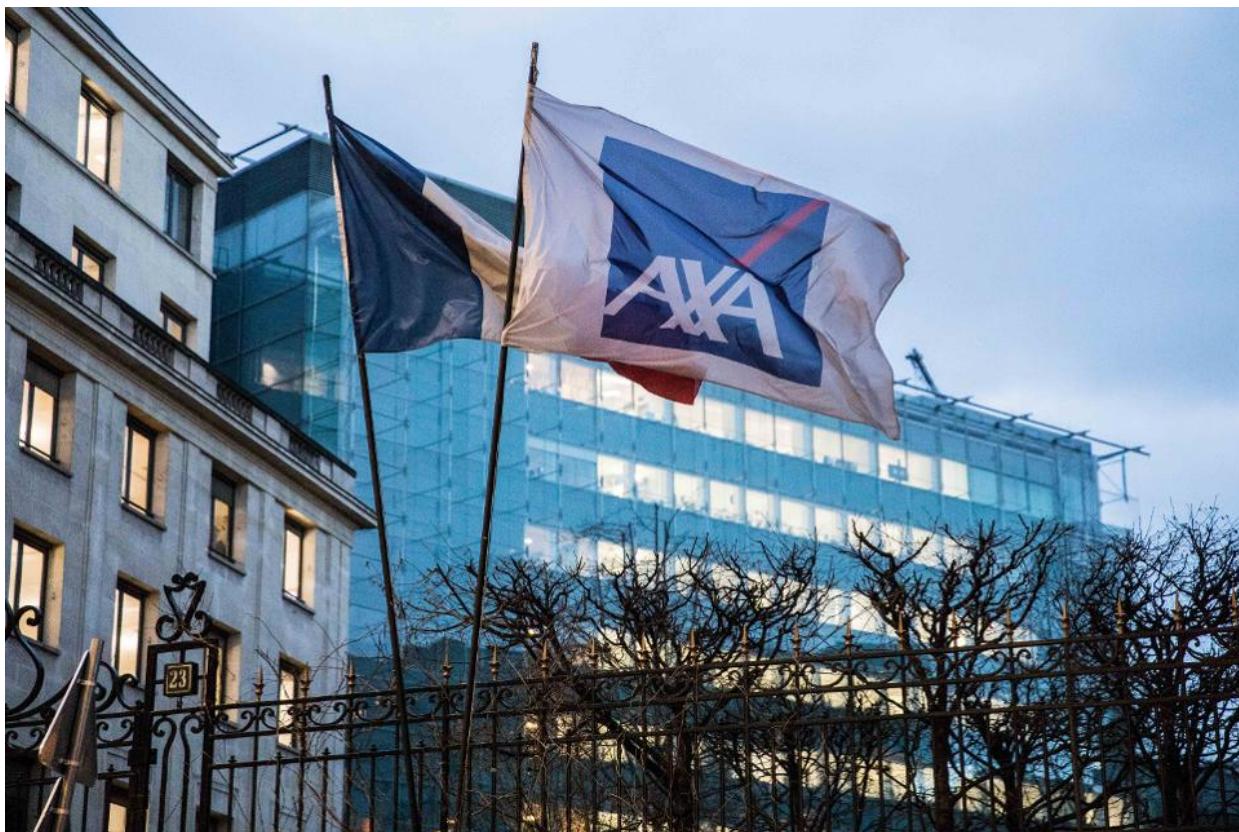
Photographer: Charles Mostoller/Bloomberg

22) **Comcast Corporation [CMCSA]**

Location: United States

Sales: \$86.85 billion

Blockchain Play: The telecommunications giant that ranked number 34 of the Global 2000, backs Boldstart Ventures, which invests in enterprise blockchain startups.



Photographer: Christophe Morin/Bloomberg

21) AXA Group

Location: France

Sales: \$149.9 billion

Blockchain Play: Ranked number 33 on the Global 2000, this insurance giant launched its 'Fizzy' smart contract platform using Ethereum to automatically execute flight insurance payments.



Photographer: Angel Navarrete/Bloomberg

20) Banco Santander [570594]

Location: Spain

Sales: \$56.07 billion

Blockchain Play: The 31st largest public company on this year's Global 2000 list has invested in Ripple and Digital Asset Holdings, and launched a payments app using Ripple technology.



Photo by Roberto Machado Noa/LightRocket via Getty Images

19) Daimler AG [552902]

Location: Germany

Sales: \$193.22 billion

Blockchain Play: Since last year issuing at €100 million corporate bond using ethereum, the maker of Mercedez-Benz, ranked number 29 on the Global 2000 list, has begun [testing](#) its own cryptocurrency.



AP Photo/Richard Drew

18) Walmart [WMT]

Location: United States

Sales: \$500.34 billion

Blockchain Play: Since an early prototype to use Hyperledger Fabric on the pork supply chain, the global grocer that ranked 24 on the Global 2000, has expanded its blockchain work to other supply chains.



AP Photo/Mark Lennihan

17) Alphabet Inc. [GOOGL]

Location: United States

Sales: \$117.88 billion

Blockchain Play: In addition to a number of blockchain investments, the search giant that ranked number 23 on this year's Global 2000 list is reportedly working on its own blockchain projects.



Photographer: Martin Leissl/Bloomberg

16) Allianz SE [523148]

Location: Germany

Sales: \$122.55 billion

Blockchain Play: In addition to [building](#) a prototype for “self-insurance,” the insurance giant that ranked number 22 on the [Global 2000](#) is [reportedly](#) exploring a token for moving value.



Photo by Mikhail Tereshchenko/TASS via Getty Images

15) Microsoft Corporation [MSFT]

Location: United States

Sales: \$103.31 billion

Blockchain Play: Ranked number 20 on the Global 2000, the software giant was among the first to monetize blockchain services, and now works with a number of blockchains via its Azure platform.



Photographer: Christophe Morin/Bloomberg

14) BNP Paribas SA [730968]

Location: France

Sales: \$117.77 billion

Blockchain Play: Ranked number 19 on the Global 2000, this French bank is working with “Big Four” accounting firm, EY, to use blockchain for its internal treasury operations.



AP Photo/Ahn Young-joon, File

13) Samsung Electronics Co. [677172]

Location: South Korea

Sales: \$224.64 billion

Blockchain Play: Ranked number 14 on the Global 2000, this electronics giant last year announced its Nexledger platform for tracking global supply chains.



Photo by Smith Collection/Gado/Getty Images

12) Toyota Motor Corp. [7203]

Location: Japan

Sales: \$265.17 billion

Blockchain Play: A founding member of the Blockchain Mobility Consortium, this manufacturing giant is [exploring](#) how blockchain payments could enable self-driving cars.



Photographer: Andrey Rudakov/Bloomberg

11) Royal Dutch Shell Plc. [Bo3MM4]

Location: Netherlands

Sales: \$321.77 billion

Blockchain Play: An [investor](#) in blockchain development firm, Applied Blockchain, this oil giant is also [working](#) with BP to create an energy commodities platform.



AP Photo/Eugene Hoshiko

10) Ping An Insurance Company [Bo1FLR]

Location: China

Sales: \$141.62 billion

Blockchain Play: In addition to being a member of distributed ledger group, R3, this insurance giant works with other insurance firms to [explore](#) blockchain.



AP Photo/Mark Schiefelbein

9) Bank of China Ltd. [B15456]

Location: China

Sales: \$118.15 billion

Blockchain Play: The Chinese bank has partnered with tech giant Tencent to test financial applications of blockchain technology, according to a *CoinDesk report*, and has filed a number of related patents.



Photo by Emmanuele Contini/NurPhoto via Getty Images

8) Apple Inc. [AAPL]

Location: United States

Sales: \$247.53 billion

Blockchain Play: The computer giant has [filed](#) a patent for using blockchain technology to timestamp data.



Photographer: Patrick T. Fallon/Bloomberg

7) Wells Fargo & Company [WFC]

Location: United States

Sales: \$102.06 billion

Blockchain Play: As part of being an early member of distributed ledger consortium R3, this bank is helping build a simpler way to track securitized home mortgages.

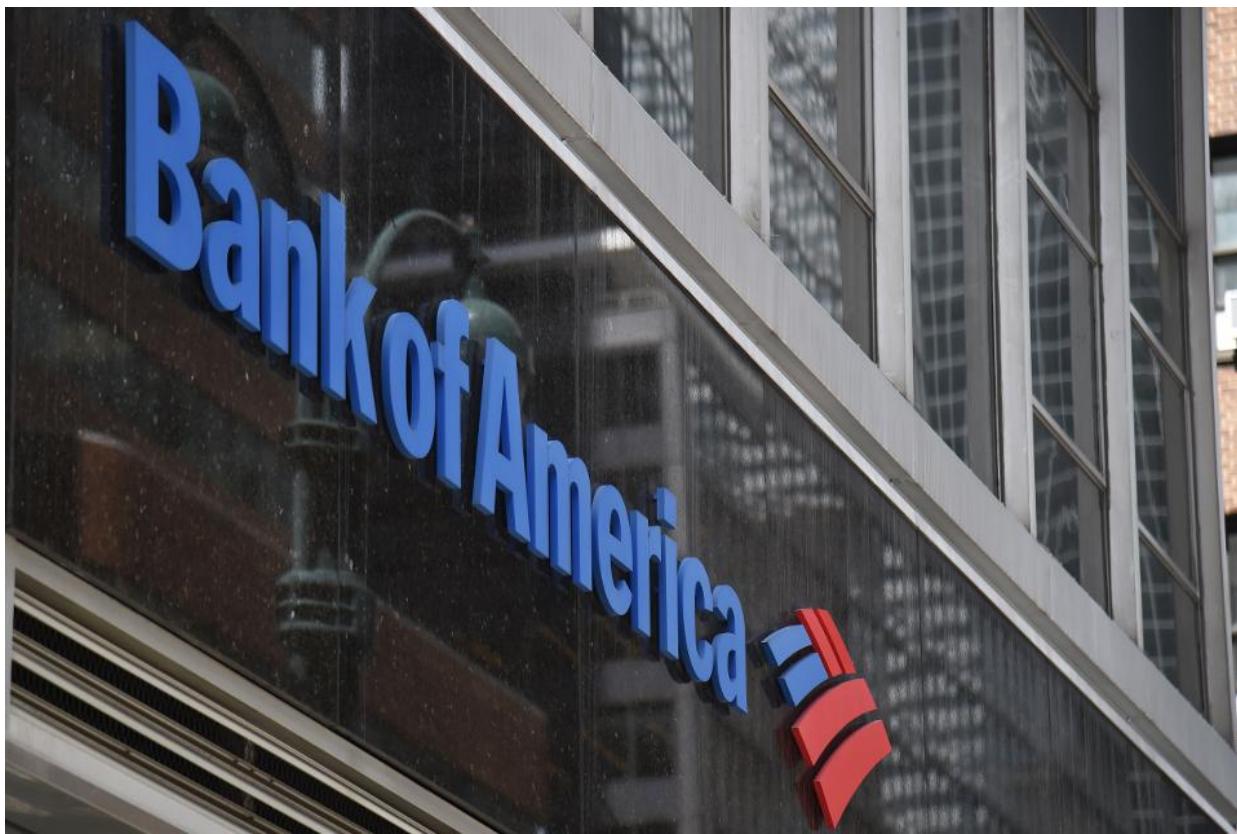


Photo credit should read HECTOR RETAMAL/AFP/Getty Images

6) **Bank of America [BAC]**

Location: United States

Sales: \$102.98 billion

Blockchain Play: One of the most prolific patenters of blockchain technology, this banking giant is working to automate the process of [creating](#) letters of credit using the ethereum blockchain.



Photo by S3studio/Getty Images

5) Agricultural Bank of China [B6oLZR]

Location: China

Sales: \$129.34 billion

Blockchain Play: The state-owned bank is working on a decentralized network to offer **unsecured** agricultural loans to e-commerce merchants.



Photo by Smith Collection/Gado/Getty Images

4) Berkshire Hathaway Inc. [BRK.B]

Location: United States

Sales: \$235.16 billion

Blockchain Play: Berkshire subsidiary BNSF railroad and fine jewelry subsidiary Richline Group are [exploring](#) blockchain to streamline their supply chains.



Photo by Erik McGregor/Pacific Press/LightRocket via Getty Images

3) **JPMorgan Chase & Co. [JPM]**

Location: United States

Sales: \$118.18 billion

Blockchain Play: Since contributing blockchain platform Quorum to the open-source community a number of developers have expressed interest, **including** information giant IHS Markit.



Photo by S3studio/Getty Images

2) China Construction Bank Corporation [BoLMTQ]

Location: China

Sales: 143.2 billion

Blockchain Play: CCB is using the IBM Blockchain platform to streamline the way banks and insurance companies jointly sell some of their financial products.



Photo by Unkel/ullstein bild via Getty Images

1) Industrial and Commercial Bank of China [B1G1QD]

Location: China

Sales: \$165 billion

Blockchain Play: A patent filed by ICBC describes a way to use blockchain technology to verify digital certificates instead of a **trusted** central authority.