



Corporate Presentation

BTCS Inc. (OTCQB: BTCS)

April 21, 2021

Safe Harbor

The following presentation contains statements, estimates, forecasts and projections with respect to future performance and events, which constitute forward-looking statements. Those statements include statements regarding the intent and belief or current expectations of BTCS and its management team, regarding our blockchain infrastructure operations business, the risk profile of our digital asset holdings, expanding our development team, up-listing to a senior exchange in 2021, our estimated revenues, expected gross margins, our 2021 goals, our beliefs regarding the correlation between the adoption success of the internet and the potential success and adoption of blockchain, accelerating the development of our platforms and expectations on commercializing both our digital asset data analytics platform and our staking-as-a-service platform. These statements may be identified by the use of words like "anticipate", "believe", "estimate", "expect", "intend", "may", "plan", "will", "should", "seek" and similar expressions and include any financial projections or estimates or pro forma financial information set forth herein. Prospective investors are cautioned that any such forward-looking statements are not guarantees of future performance and involve risks and uncertainties, and that actual results may differ materially from those projected in the forward-looking statements. Important factors that could cause actual results to differ materially from our expectations include, without limitation, unexpected accounting adjustments, failure to obtain the initial quantitative or qualitative initial listing requirements, the rewards and costs associated with validating transactions on proof-of-stake blockchains, significant decrease in value of ETH and Bitcoin, and rewards while locked up, loss or theft of the private withdrawal keys resulting in the complete loss of ETH and reward, as well as those detailed in our filings with the SEC, including our Form 10-K filed with the SEC on January 26, 2021 and our Prospectus filed with the SEC on February 16, 2021. Neither BTCS nor any of its affiliates undertakes any obligation to update any forward-looking statements for any reason, even if new information becomes available or other events occur in the future.

Summaries of documents contained herein and in our filings with the SEC may not be complete and are qualified in their entirety by reference to the complete text of such document. In making an investment decision, you must rely on your own examination of these documents and such additional due diligence as you deem appropriate. We have not authorized any other person to provide you with information that is different from the information contained in our filings with the SEC. If anyone provides you with different or inconsistent information, you should not rely on it.

Our filings with the SEC are available to the public on, and may be reviewed at, the SEC's website (www.sec.gov) and on BTCS' web site (www.btcs.com). The content on our website is not incorporated into this presentation.

Table of Contents



| Section | Page |
|--------------------------------------|------|
| Investment Highlights and 2021 Goals | 4 |
| Industry Overview | 5 |
| Corporate Overview | 9 |
| Blockchain Infrastructure Solutions | 19 |
| Data Analytics Platform | 22 |
| Digital Asset Treasury | 26 |
| Appendix: Blockchain 101 | 31 |

Investment Highlights and 2021 Goals

BTCS Inc. ("BTCS") is an early mover in the blockchain and digital currency ecosystems and the first "Pure Play" U.S. public company focused on blockchain infrastructure and technology.

BTCS Operations:



Blockchain Infrastructure Solutions:

- Generating revenue by securing blockchains such as ethereum's beacon chain
- Developing a non-custodial staking-as-a-service platform to grow revenue and expand margin by allowing users to secure disruptive blockchains



Data Analytics Platform Development:

- Developing digital asset data analytics platform
- Engaged development team in 2021 Q1 to accelerate platform progress



Digital Asset Treasury:

- Utilizing digital asset treasury strategy with focus on disruptive non-security tokens
- 7,516% year-over-year increase in 2021 Q1
- 2021 Q1 digital asset fair market value of \$20.1 million

2021 Goals:

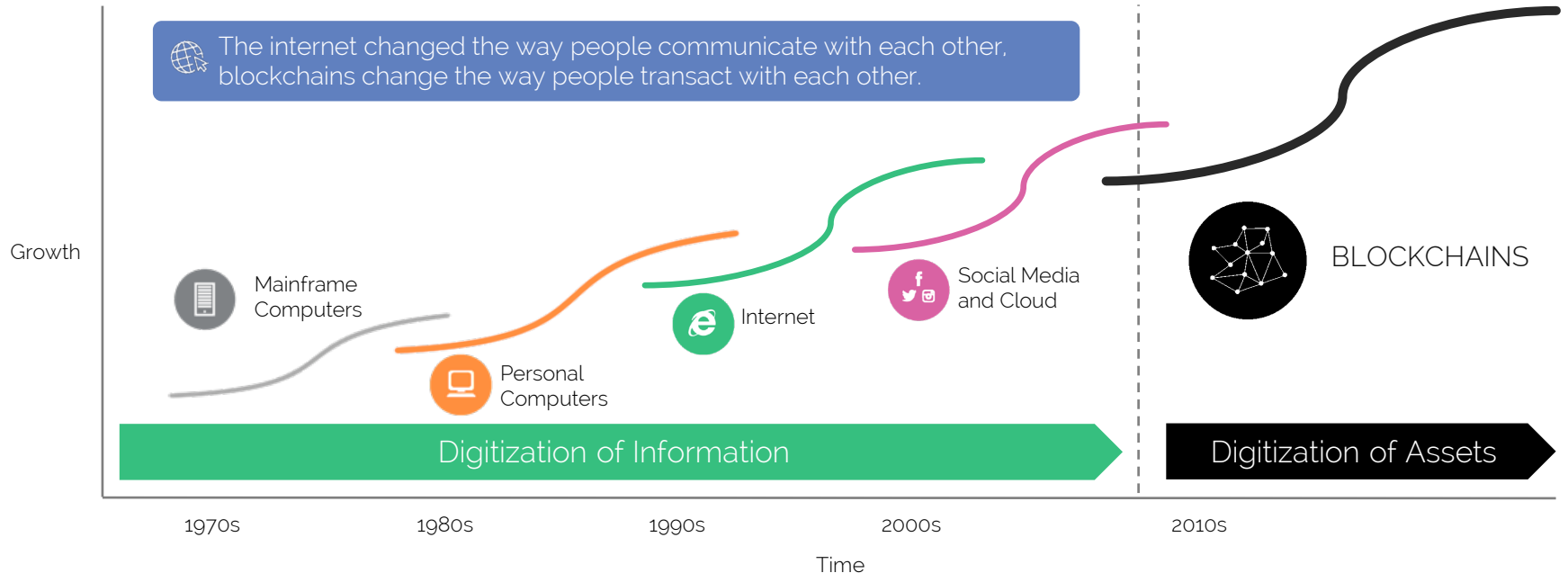
- Up-list to senior exchange in Q2 2021
- Secure other disruptive blockchains to grow revenue
- Launch staking-as-a-service platform to improve margins and grow revenue
- Open data analytics platform to public

An abstract graphic design at the top of the slide. It features a dark blue background with a wavy teal line at the bottom. Overlaid on this are several overlapping, semi-transparent geometric shapes in various colors including light blue, orange, green, purple, and pink, creating a sense of depth and movement.

Industry Overview

Blockchains Ushering in a New Era of Technology

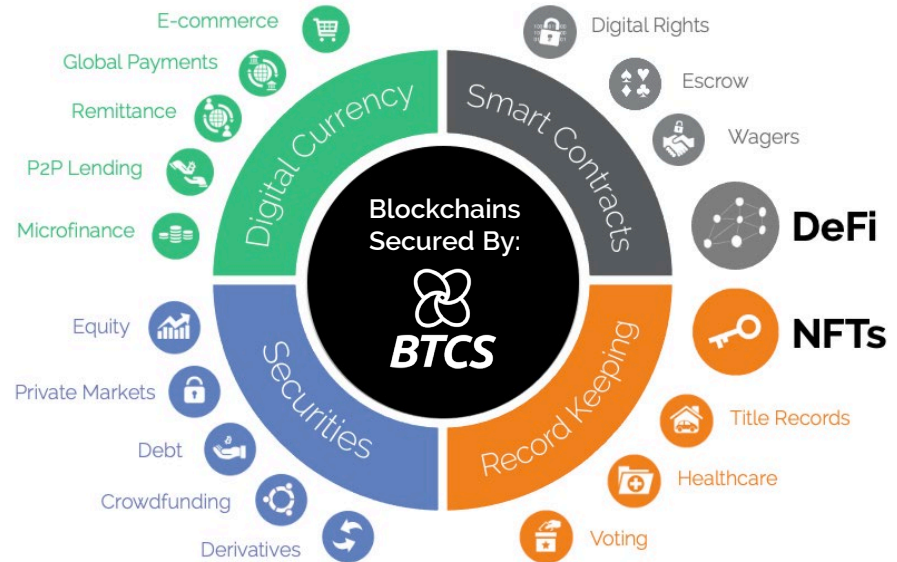
- The computer and internet age ushered in the **digitization and proliferation of information** on a global scale.
- Blockchains are ushering in an age of **asset digitization and transfer** without the need for trusted intermediaries (banks, exchanges, governments, etc.)



Blockchain Use Cases & Disruption

Blockchain technology is the backbone of web 3.0 and is radically changing the future of transaction-based industries. BTCS powers the infrastructure to secure proof-of-stake blockchains.*

- Decentralized finance (DeFi) and Non-fungible tokens (NFTs) utilize smart contract based blockchains.
- Proof-of-stake (PoS) based blockchain infrastructures such as ethereum, polkadot, and cardano provide an energy efficient alternative to proof-of-work (PoW) based blockchains such as bitcoin.



Polkadot.



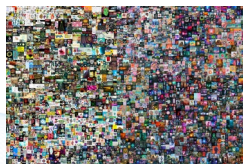
* BTCS currently only secures ethereum's beacon chain. BTCS plans to secure other disruptive proof-of-stake blockchains. The views above reflect solely the opinions of BTCS and its management.

Enormous Market Opportunity

Web 3.0 and transaction-based industries built on blockchain technologies represent a multi-trillion market opportunity.

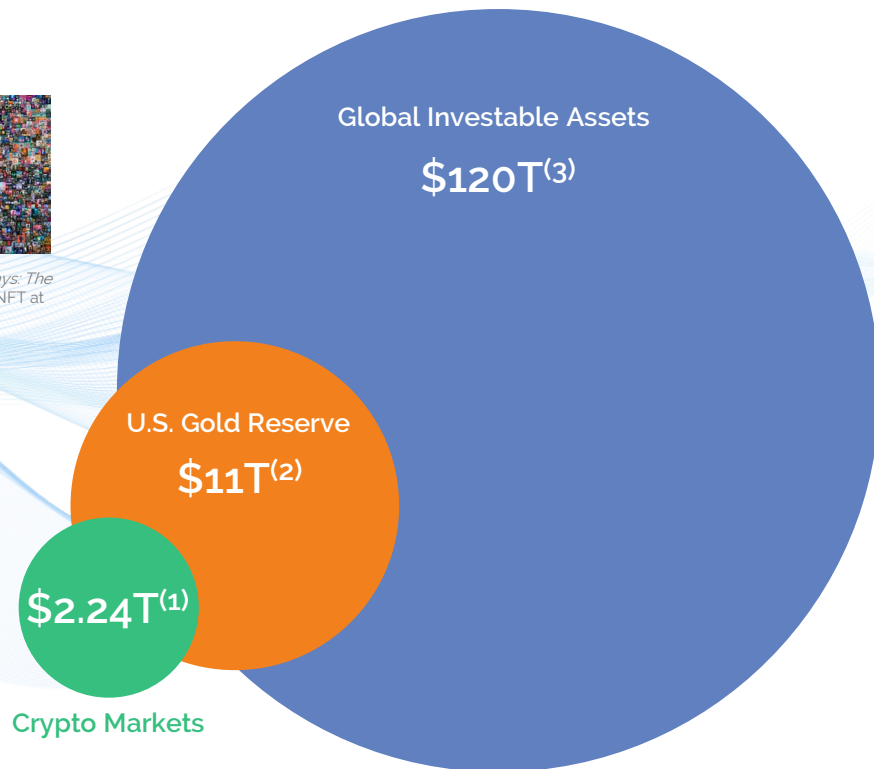
Exploding Blockchain Use Examples

- NFTs represent one of the first killer apps for blockchain technology where there is no incumbent player dominating the market.
- Distributed finance (DeFi) allows for complex financial services to be built and globally deployed on decentralized smart contract based blockchains.



Beeple's collage, *Everydays: The First 5000 Days*, sold as NFT at Christie's for \$69m

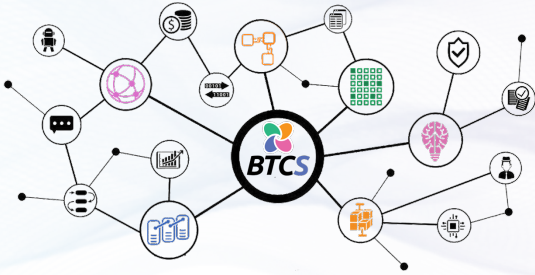
BTCS either secures or plans to secure blockchains utilized by NFTs and DeFi.



Corporate Overview

Company Overview

BTCS powers the infrastructure to secure certain blockchains and is actively developing software to capitalize on the disruptive potential of blockchain technology.*



BTCS secures disruptive proof-of-stake blockchains such as Ethereum 2.0 and is building a non-custodial staking-as-a-service platform.*



BTCS is developing a proprietary digital asset data analytics platform.



BTCS employs a digital asset treasury strategy with a primary focus on disruptive non-security tokens.

* BTCS currently only secures Ethereum's beacon chain.

Financial & Operational Highlights*

Explosive Balance Sheet Growth

\$23.5 million

Crypto & Cash
4,229% YoY increase
\$20.1m crypto & \$3.4m cash

\$3 million

Q1 Realized Crypto Gain

\$7.8 million

Unrealized Crypto Gain

Long Term Management Commitment

\$15.4 million

Q1 Shareholders Equity

\$1.1 million

Management Investment
January 1, 2021**

41%

Insider Ownership***

Expanding Operations in Blockchain Sector

240 Active Nodes

\$72,000 Q1 Revenue
2021 revenue estimate
over \$1 million

+75% Q1 Gross Margin

Margin expansion
expected at scale and
when not activating new
nodes

**2021 Expansion
Planned**

* All information is not audited and has not been reviewed by our auditor in connection with our Form 10Q for the period ending March 31, 2021 and is subject to change. All information is as of the quarterly period ending March 31, 2021.

** Represents Series C-2 preferred stock purchased by officers and directors on January 1, 2021 and approved by shareholders on March 31, 2021.

*** Based on conversion of Series C-2 into 39.9 million shares of common stock and excluding 2.9 million RSUs, 12.35 million options, 9.63 million warrants.

Management



Charles Allen

CEO and Chairman of the Board

Charles has been involved in the blockchain industry since its earliest days. Since joining BTCS in 2013, he has leveraged his extensive experience in business strategy, investment banking, and capital markets transactions to develop and lead the Company's evolving business model. Charles began his career as an engineer in the telecom industry and brings a balance of business and financial leadership as well as technical proficiency to the BTCS team. Prior to joining BTCS he worked domestically and internationally on projects in technology, media, natural resources, logistics, medical services and financial services. Highlights include Managing Director at RK Equity Capital Markets LLC, Managing Director at TriPoint Global Equities, LLC, and Managing Director at Broadband Capital Management LLC, all boutique investment banks focused on advising and raising capital for small and mid size companies. He received a B.S. in Mechanical Engineering from Lehigh University and a M.B.A. from the Mason School of Business at the College of William & Mary.

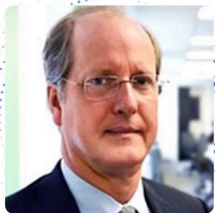


Michal Handerhan

COO and Director

A co-founder of BTCS, Michal supports both our business and research and development strategies, and has played a key role in the Company's ability to capitalize on the rapidly expanding opportunity in the blockchain space. From February 2011 through February 2014 he served as an independent IT and web services consultant to the National Aeronautics and Space Administration (NASA). From October 2005 until February 2014 Michal was the President and CEO of Meesha Media Group, LLC, which provided high-definition video production services, Web 2.0 development, database management, and social media solutions. From March 2002 through October 2006 he served as a team leader for NASA in their Peer Review Services group. Prior to NASA Peer Review Services Michal served as the web developer for Folio Investments. He received B.S. in Computer Science from Czech Technical University.

Independent Directors



David Garrity

Director

David has over 30 years' experience in the financial services industry. He has held senior roles including CFO and board of director positions for both publicly-held and private companies, and has extensive experience in several disciplines including operating, advisory and research, and is CEO of New York City-based consulting firm, GVA Research. He is President of BTblock, an emerging technology & cybersecurity consultancy firm, and currently serves as the Independent Director of EncrypGen. During 2008 and 2009, David served as CFO and a director at Interclick, Inc., a publicly-held behavioral targeting internet advertising network. From June 2011 to May 2013, he was Chief Financial Officer of Aspen Group, Inc., a publicly-held online for-profit university. From May through October 2013, he was Executive Vice President Corporate Development for Aspen Group, Inc. and from February 2017 through January 2018 he was acting CFO of Mutualink, Inc.



Charlie Lee

Director

Charlie Lee is the creator of Litecoin and the Managing Director of the Litecoin Foundation. He attended The Massachusetts Institute of Technology where he graduated in 2000 with a Bachelors and Masters degree in Electrical Engineering and Computer Science. Prior to creating Litecoin, Charlie was a Software Engineer at Google. In 2011, he created Litecoin in an effort to improve upon bitcoin's high fees, slower transaction times, and scalability issues. Charlie went on to work for Coinbase where he became Director of Engineering before leaving the company in 2017 to focus on supporting the development of Litecoin full time.



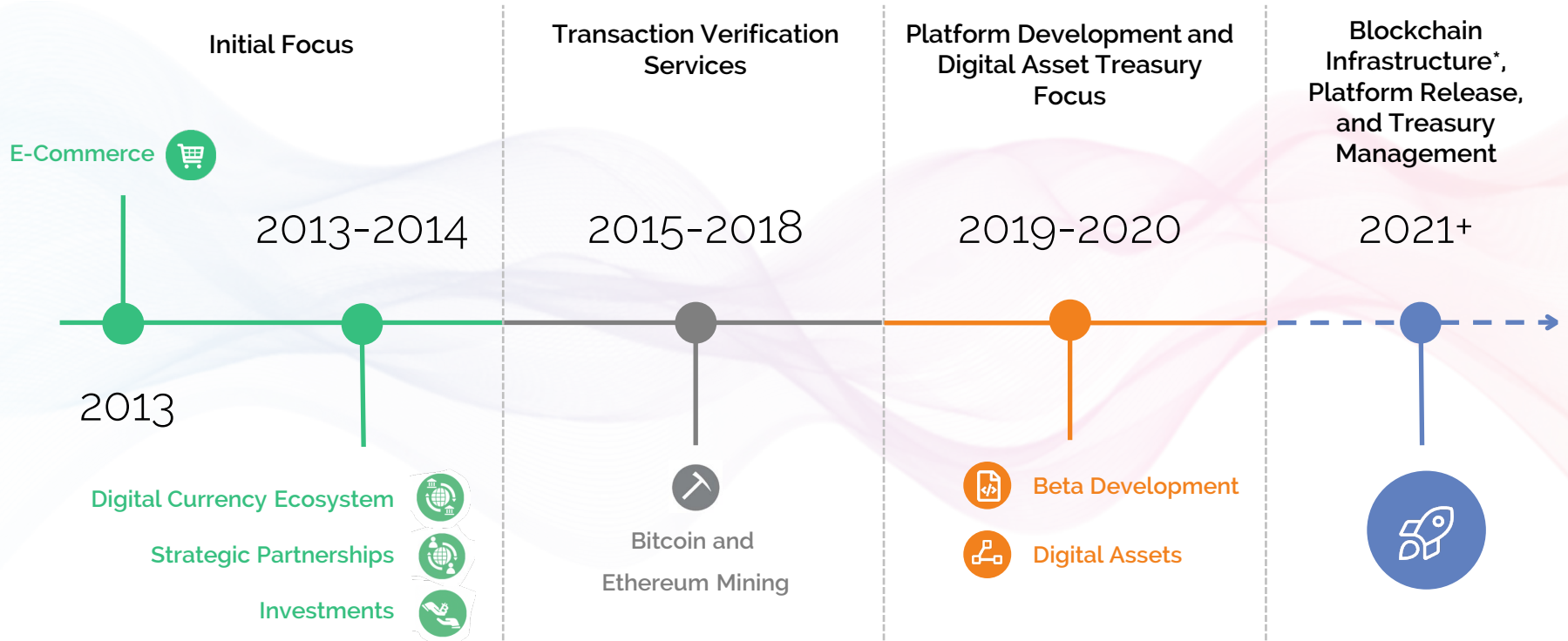
Carol Van Cleef

Director

Carol R. Van Cleef is an internationally recognized authority on and pioneer in legal issues involving cryptocurrencies and blockchain technology. Ms. Van Cleef is Chair of the Blockchain and Digital Assets practice at Bradley Arant Boult Cummings LLP. With a focus on regulatory, compliance, and enforcement matters, Ms. Van Cleef has built a global reputation as a leading attorney, counsellor and problem solver working extensively across the financial services industry and throughout the cryptocurrency and blockchain communities. She represents virtual currency exchanges, blockchain developers, NFT creators and platforms, and various types of financial services and fintech companies. In addition to her legal practice, Ms. Van Cleef serves as CEO of Luminous Group, a blockchain technology, growth advisory and risk management solutions company that also develops and delivers anti-money laundering and sanctions compliance training through the AML Training Institute. She also serves as an advisor to a number of early-stage companies in fintech and blockchain-related technologies. Ms Van Cleef is a graduate of Georgetown University, School of Foreign Service (B.S.F.S) and received a Juris Doctor from the Washington College of Law, American University. She is also a Certified Anti-Money Laundering Specialist (CAMS).

2021+ Leverage 7 Years of Blockchain Experience

After 7 years participating in the blockchain ecosystem we believe we've refined our strategy to create the most shareholder value.

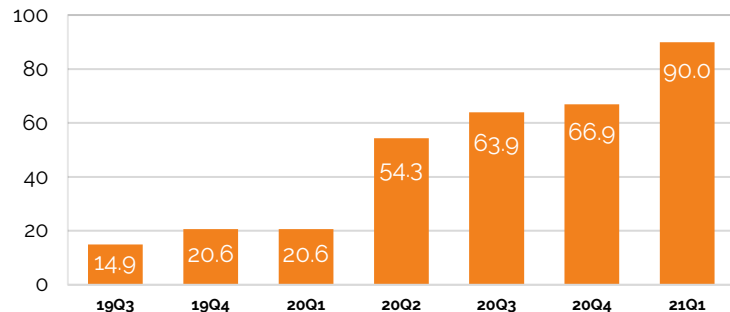


* Refers to internal proof-of-stake operations and the development of a staking-as-a-service platform.

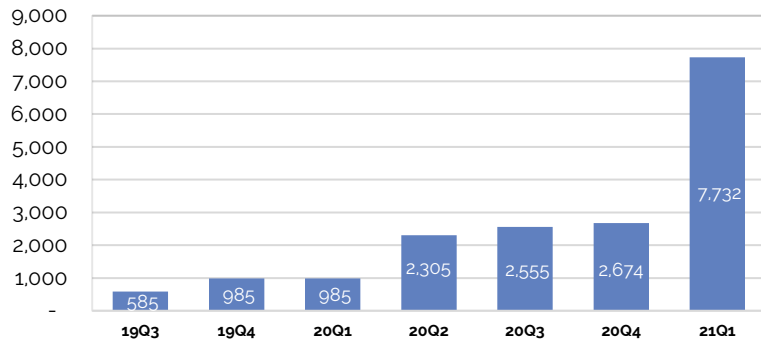
Digital Asset Treasury Holdings

+7,516% increase in fair market value of digital holdings year-over-year as of March 31, 2021

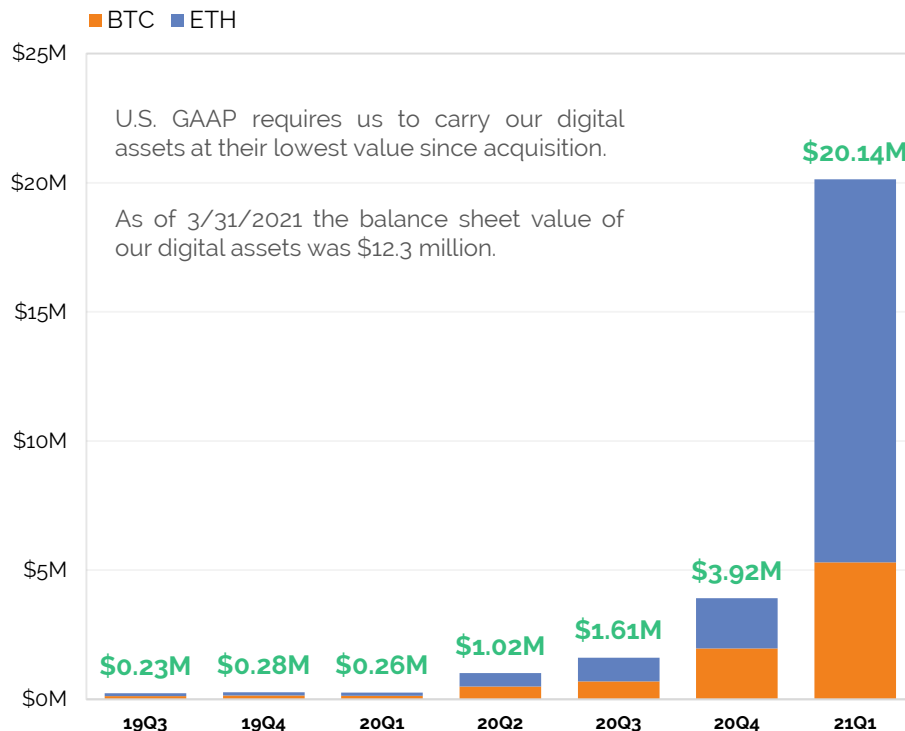
BTC*



ETH**



Fair Market Value of Digital Assets



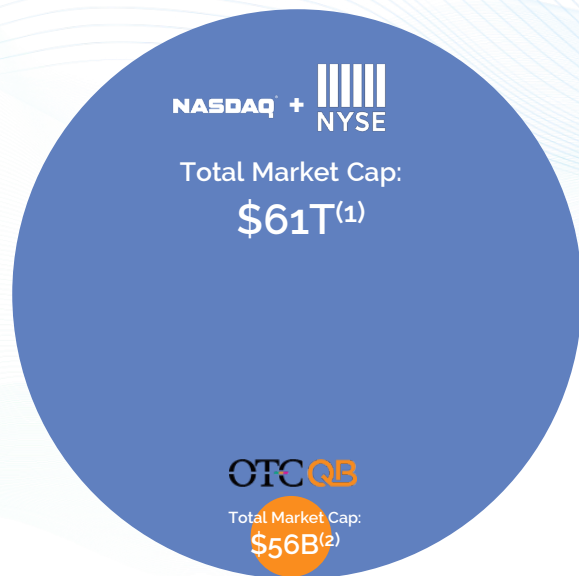
* Rounded to nearest tenth.

** Rounded to nearest one. Includes ETH and staked ETH, for Q1 almost all ETH was staked.

Nasdaq Up-listing Opportunity

Exchange listed companies typically have more liquidity and a broader investor universe compared to their OTC peers. 2.9 million RSUs held by officers and directors vest only on an exchange up-listing.

Total Market Cap By Exchange



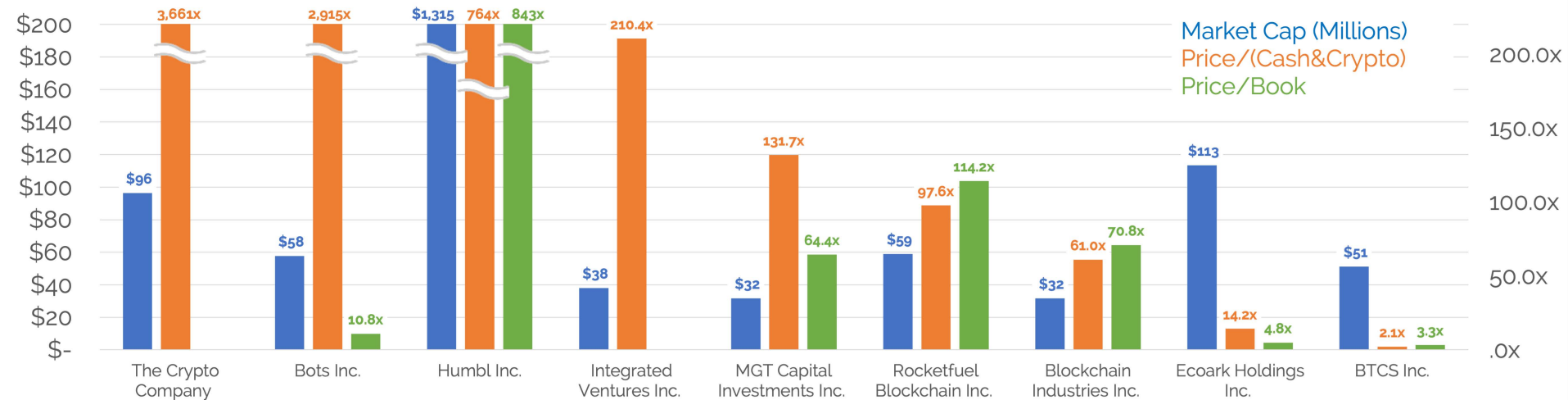
| Nasdaq Initial Listing Requirements* | | | | |
|--------------------------------------|---|----------------------|--------------------|------------------------|
| Item | | Market Standard | Equity Standard | BTCS Status |
| Shares in Public Float | ✓ | At least 1 million | At least 1 million | 55.9 million |
| Shareholders | ✓ | At least 300 | At least 300 | +30 thousand |
| Stock Price | ✗ | Over \$4.00 | Over \$4.00 | \$0.92 |
| Market Cap | ✓ | \$50 million | -- | \$51 million |
| Market Value of Public Float | ✓ | \$15 million | \$15 million | \$51 million |
| Shareholders Equity | ✓ | \$4 million | \$5 million | \$15.36 million |
| Board | ✓ | Majority Independent | | Yes |

A True Value Play Amongst U.S. OTC Peers*

Average Price/(Cash&Crypto) = 982x and Average Price/Book = 185x compared to 2.1x and 3.3x respectively for BTCS Inc.

Average Market Cap = \$218 million compared to \$51 million for BTCS Inc.

Select OTC Peers



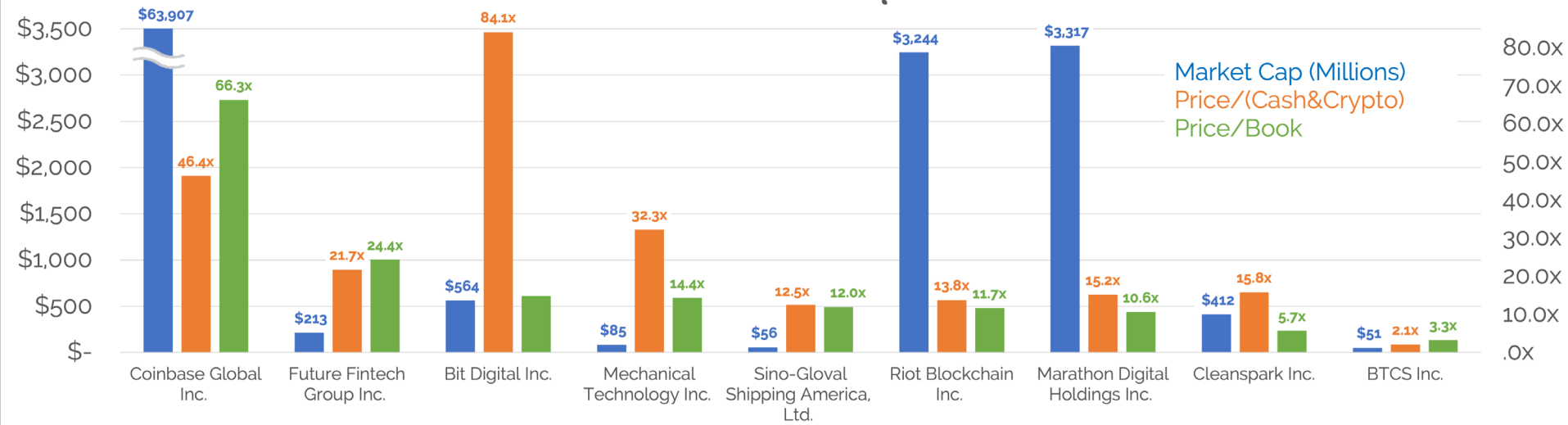
This slide is for illustrative purposes only. Some of these metrics may be as of dates other than March 31st. The disparity in market cap, price/(cash&crypto) and/or price/book may be greater or lesser due to many factors.

A Value Play Amongst U.S. Nasdaq Peers*

Average Price/(Cash&Crypto) = 30x and Average Price/Book = 20x compared to 2.1x and 3.3x respectively for BTCS Inc.

Average Market Cap (excluding Coinbase) = \$1.2 billion compared to \$51 million for BTCS Inc.

Select Nasdaq Peers



This slide is for illustrative purposes only. Some of these metrics may be as of dates other than March 31st. The disparity in market cap, price/(cash&crypto) and/or price/book may be greater or lesser due to many factors.

An abstract graphic design in the top half of the slide. It features a dark blue background with a teal wave at the bottom. Overlaid on this are several overlapping, semi-transparent geometric shapes in shades of cyan, orange, purple, and pink, creating a sense of depth and movement.

Blockchain Infrastructure Solutions

Overview

BTCS secures disruptive proof-of-stake blockchains that can power DeFi and NFT ecosystems.*

Phase 1: Expand Company Operations

- BTCS is currently running 240 nodes on ethereum's proof-of-stake beacon chain with ~\$15 million staked.
- BTCS plans to secure additional disruptive proof-of-stake blockchains.

Phase 2: Staking-As-Service Platform

- BTCS is developing a proprietary staking-as-a-service platform to enable users to secure disruptive blockchains and earn rewards.

Proof-of-Stake

- ✓ Environmentally Friendly
- ✓ More Decentralized
- ✓ Higher Transaction Throughput
- ✓ Highly Scalable Hardware-Lite Business Model

Proof-of-Work

- ✗ High Energy Consumption
- ✗ Increasingly Centralized
- ✗ Increasing Hash Rate
- ✗ Capital Intensive Hardware with no Residual Value



Evaluation Criteria to Secure new Proof-of-Stake Blockchains*

Growth planned through expanding staking operations.



Blockchain Quality

- Market cap
- Liquidity
- Exchanges traded on
- Utility of the blockchain
- Underlying technology



Revenue / Earnings Potential

- Revenue potential compared to crypto staked
- Revenue predictability and difficulty increases
- Operating and deployment costs
- Potential for revenue from pool operations



Technical Difficulty

- Time to commence operations
- Security risks
- Ability to offer non-custodial staking service

Potential Candidates: *Polkadot.*  **CARDANO**  **Tezos** **COSMOS**  **AVALANCHE** **KUSAMA**  **Terra**

* The criteria above are for illustration only and are not fully inclusive of all factors that may or may not be used in BTCS decision process.

An abstract graphic design in the top half of the slide. It features a dark blue background with a teal wavy line at the bottom. Overlaid on this are several overlapping, semi-transparent geometric shapes in various colors including light blue, orange, green, purple, and pink. Some of these shapes have thin white diagonal lines running through them, creating a sense of depth and movement.

Data Analytics Platform

Overview

Consolidate and analyze crypto position data across multiple exchanges in one place.



Consolidate crypto position data



Evaluate performance



Run year-end tax reports across multiple exchanges*

On development roadmap:



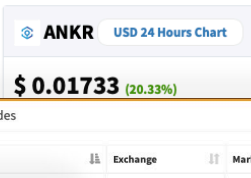
* Year end tax reporting is lower on the development roadmap and likely will not be a part of the beta or first public releases.

Preview

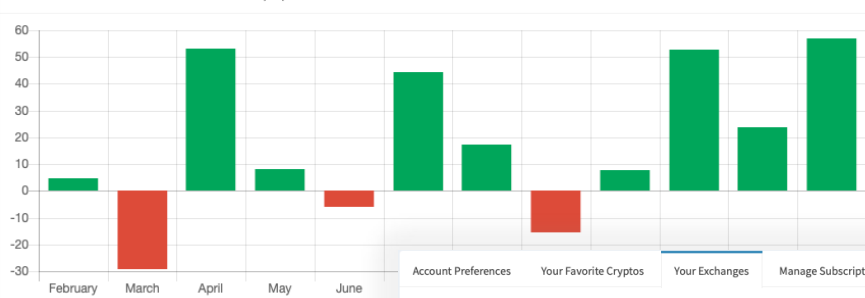
Your 10 Most Recent Trades

| Date/Time | Buy/Sell | Crypto | USD Value | Exchange |
|----------------|----------|--------|------------|--------------|
| 09/13 12:14 AM | Buy | BAT | \$490.00 | My Gemini |
| 09/03 2:48 PM | Sell | ETH | \$10.82 | My Gemini #2 |
| 04/10 1:40 AM | Buy | BTC | \$4,000.00 | My Gemini |
| 04/10 1:39 AM | Buy | ETH | \$5,000.00 | My Gemini |
| 03/25 7:36 PM | Sell | BTC | \$30 | |
| 03/25 7:34 PM | Buy | LTC | \$30 | |
| 03/25 7:34 PM | Sell | BTC | \$30 | |
| 03/13 10:08 PM | Buy | BTC | \$5,000.00 | |
| 03/13 10:07 PM | Buy | ETH | \$20 | |
| 02/20 5:50 PM | Buy | ETH | \$10 | |

Top 3 Performing Cryptos in Last 24h



Last 12 Months Profit Or Loss (%)



Your Trades

| Date/Time | Exchange | Market | Buy/Sell | USD Value |
|-----------|--------------|---------|----------|------------|
| | My Gemini | BTC-USD | Buy | \$5,000.00 |
| | My Bitstamp | BTC-USD | Sell | \$30.76 |
| | My Bitstamp | LTC-USD | Buy | \$30.44 |
| | My Bitstamp | BTC-USD | Sell | \$30.77 |
| | My Gemini | ETH-USD | Buy | \$5,000.00 |
| | My Gemini | BTC-USD | Buy | \$4,000.00 |
| | My Gemini #2 | ETH-USD | Sell | \$10.82 |
| | My Gemini | BAT-USD | Buy | \$490.00 |

Your Assets in Detail



- By Cryptos:**
- ETH \$808,672.82
 - BTC \$202,013.97
 - ZEC \$33,029.42
 - LTC \$10,958.24
 - BCH \$2,935.39
 - BAT \$548.61
 - USD \$58.71



- By Exchanges:**
- My Gemini \$1,047,970.15
 - My Gemini #2 \$10,115.77
 - My Bitstamp \$131.25

[Add Exchange](#)

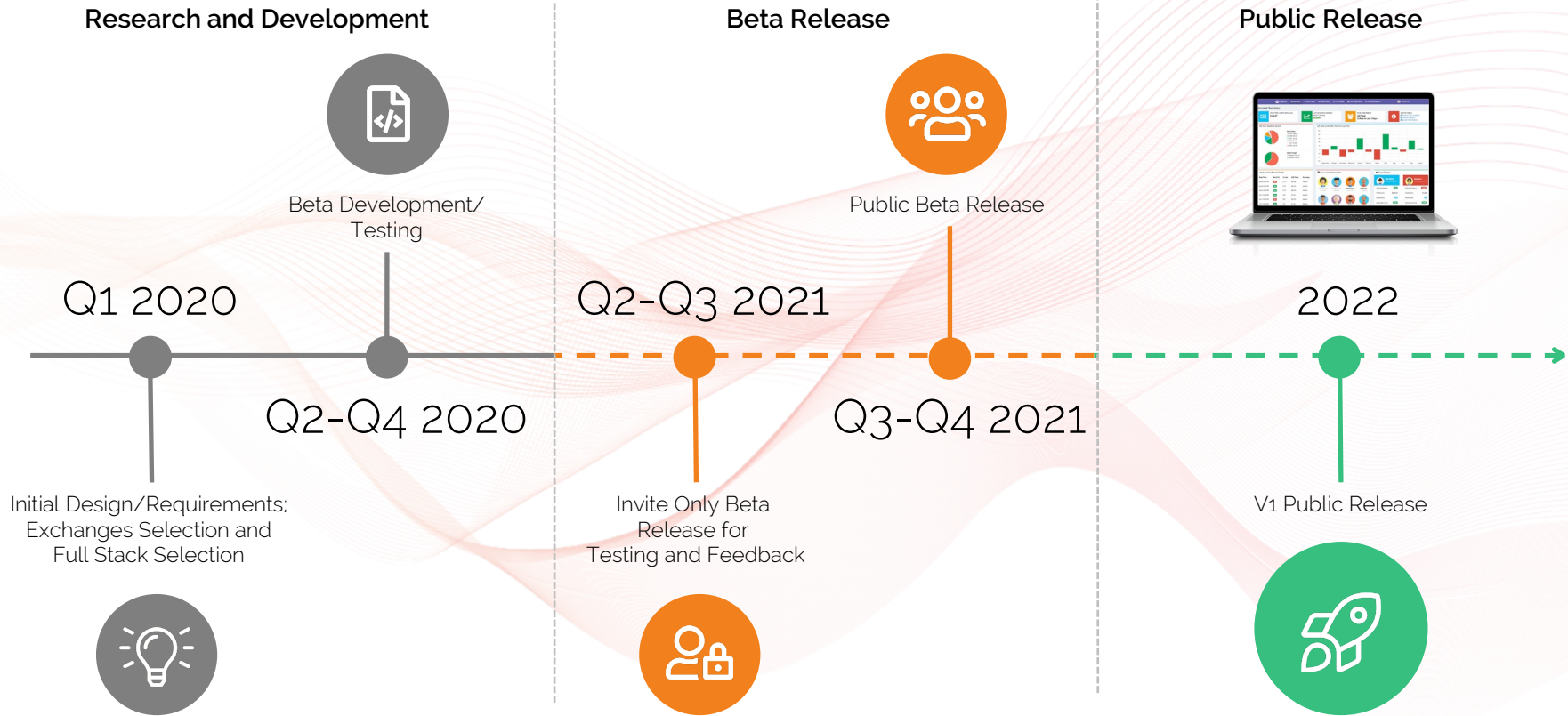
Account Preferences | Your Favorite Cryptos | **Your Exchanges** | Manage Subscriptions | Account Activity

Click to add your exchange:

- BITFINEX
- Bitstamp
- BITTREX
- coinbase
- GEMINI
- KRAKEN
- KUCCOIN
- PAXOS

| Exchange | Nickname | API Key | Secret Key | |
|----------|--------------|---------------|--------------|---------------------|
| Bitstamp | My Bitstamp | yXHd*****tyfl | JLmn*****WF | Disconnect Exchange |
| GEMINI | My Gemini | acco*****PFp | tC2l*****YG3 | Disconnect Exchange |
| GEMINI | My Gemini #2 | acco*****JOVS | oK8u*****fca | Disconnect Exchange |

Roadmap and Features



Digital Asset Treasury

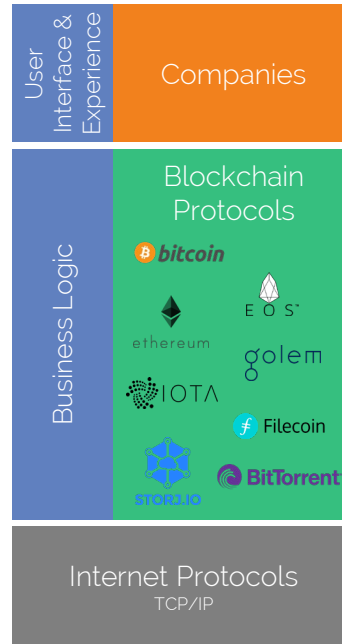
Blockchain Protocols Value Proposition

Blockchain protocols represent the next generation of internet technology.

Web 1.0 & 2.0
Information Exchange Era
1995 <



Web 3.0
Value Exchange Era
2008 <



- Compared to Web 1.0/2.0, Web 3.0 blockchain protocols handle business logic. As a result, the execution of business logic migrates from applications to their underlying blockchain protocols.
- Historically large incumbent tech companies have monetized business logic and therefore value capture should shift from applications to the underlying blockchain protocols.
- Our treasury management efforts are focused on disruptive blockchain protocol layers.

Blockchain Protocol Layers of Interest

Keenly focused on highly disruptive verticals.*



Crypto Currencies

 **bitcoin**

 **litecoin**

 **MONERO**

 **tether**



Smart Contract
Protocols



ethereum



EOS

Polkadot.



COSMOS



Internet of
Things (IoT)



IOTA



FOAM



Waltonchain



IoTeX



Computing



elrond



ONTology

golem



iexec



Data Storage



Filecoin



BitTorrent



sia



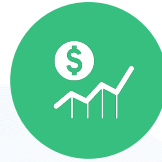
STORJ

* While our treasury strategy is focused on protocol layer long lived intangible assets (i.e. digital assets) we may also acquire application layer assets and security tokens subject to certain limitations of the Investment Company Act of 1940.

Key Investment Highlights



Only pure-play U.S. public company focused on disruptive proof-of-stake blockchains



Commenced revenue generating operations in Q1 2021 with growth potential



Staking-as-a-services and data analytic software platforms under development



\$23.5 million in cash and crypto exceeds many listed peers



Trading at a low price/book ratio compared to all peers



Pursuing up-listing to NASDAQ

Contact Us

Charles Allen

 202-430-6576 (IR #)

 ir@btcs.com

 www.btcs.com

Dave Gentry

RedChip Companies Inc.

 407-491-4498

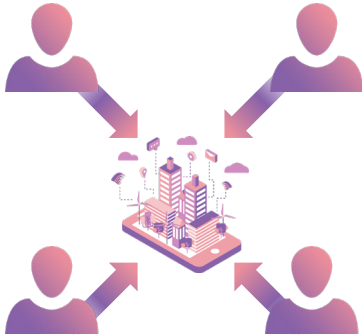
 dave@redchip.com

Appendix Blockchain 101

Blockchain Ledger

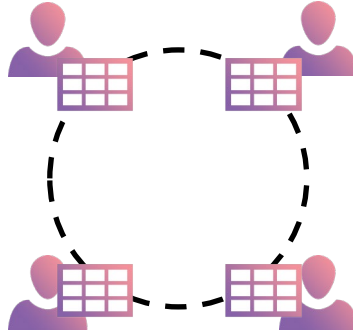
- A blockchain ledger is a distributed ledger maintained by a network of computer nodes that verify and validate transactions.

Traditional System



Centralized System with Stored Ledger

Blockchain System



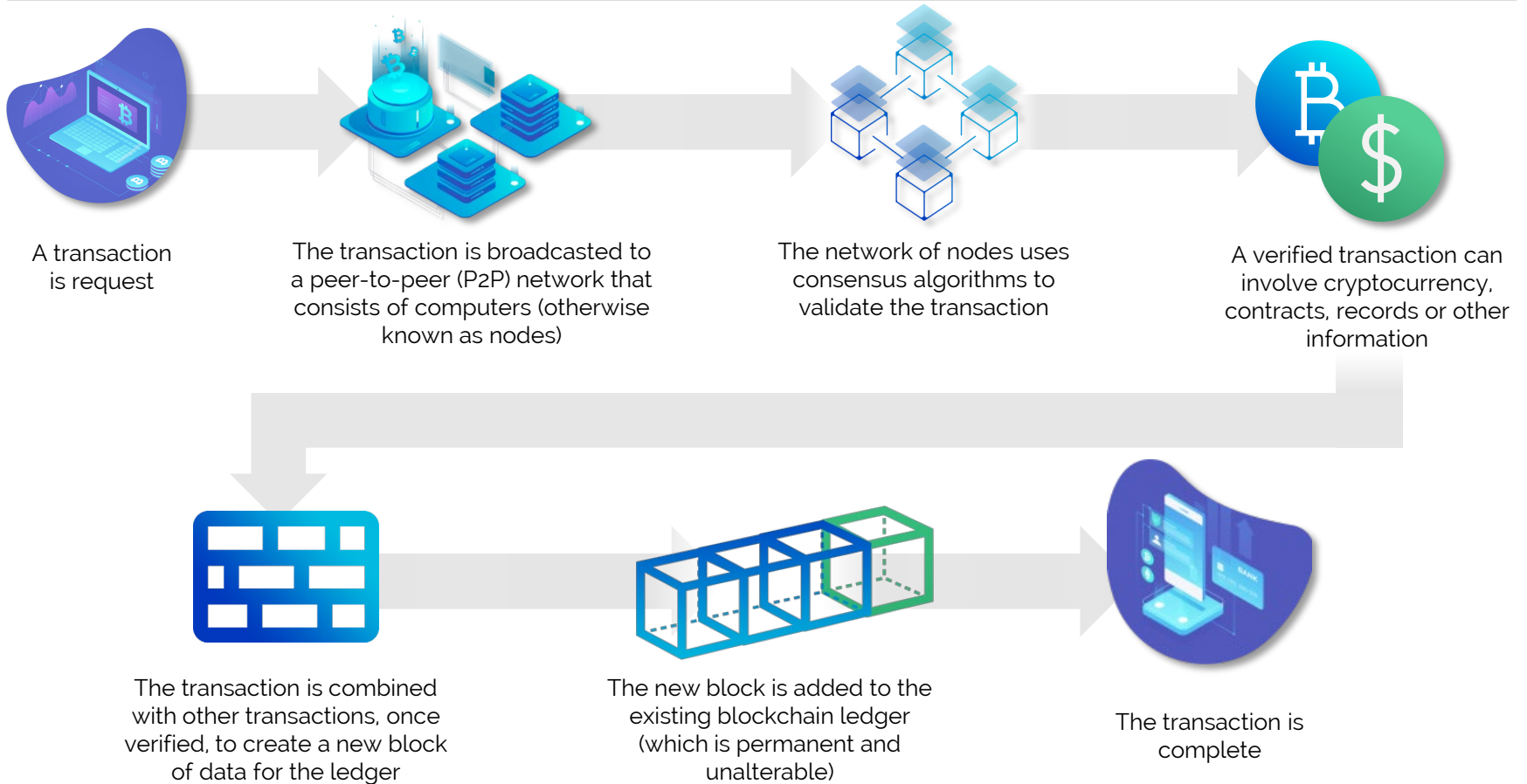
Distributed System with Distributed Ledger

- All transactions on a blockchain can be viewed through blockchain explorers which read and display the public data.
- An explorer allows you to look up a wallet address and view all its transactions on the public blockchain. Example below:

The screenshot shows the Etherscan website interface. At the top, there is a search bar with the text "Search by Address / Txhash / Block / Token / Ens" and a "GO" button. Below the search bar are navigation links: HOME, BLOCKCHAIN, TOKENS, RESOURCES, and MORE. The main heading is "Transactions" with a link to "Home / Transactions". Below this, there is a sponsored message for "Gravity Presale is Live" and a note that more than 29626636 transactions were found. A pagination bar shows "Page 1 of 10000". The main content is a table of transactions with columns for TxHash, Block, Age, From, To, Value, and [TxFee].

| TxHash | Block | Age | From | To | Value | [TxFee] |
|----------------------|---------|-------------|----------------------|----------------------|-------------------|------------|
| 0x3c36945aa87b21... | 6192835 | 22 secs ago | 0xb59f870aa8851e... | 0x85350b905ad9eb... | 0.003 Ether | 0.00006037 |
| 0x9217a9a5496bb2... | 6192835 | 22 secs ago | 0xa52105ed7b0a44... | 0x7346ff45608b03a... | 0.01 Ether | 0.00006037 |
| 0x4a625e468cc5f1a... | 6192835 | 22 secs ago | 0x362e8b24990350... | UcashToken | 0 Ether | 0.00010432 |
| 0xc347ba366bc91b... | 6192835 | 22 secs ago | 0x20fc0d54ce62161... | 0x003fefefbc4a8f3... | 0 Ether | 0.00029908 |
| 0x2b05d52cc6c9bc... | 6192835 | 22 secs ago | WaterholePool | 0xe124eb3c15a70d... | 0.737706152 Ether | 0.0000605 |
| 0xf21be432448fb9e... | 6192835 | 22 secs ago | 0x9d872d59c32143... | 0x088df01e4e279... | 0 Ether | 0.00025147 |
| 0xd7509e070af4888... | 6192835 | 22 secs ago | 0xaa5162543da8f3... | 0x088df01e4e279... | 0 Ether | 0.00025147 |
| 0x822bcd4e9825b3... | 6192835 | 22 secs ago | 0x5f0f12c2e5812c... | 0x088df01e4e279... | 0 Ether | 0.00025147 |
| 0xae11cab242b353... | 6192835 | 22 secs ago | 0xe9f019f86444da... | 0x088df01e4e279... | 0 Ether | 0.00025147 |

How Blockchains Work



Consensus Mechanisms to Secure Blockchains

The key difference between PoW and PoS is the consensus algorithm used by the network nodes.

Proof of Work

VS

Proof of Stake



Mining capacity depends on computational power



Miners receive block rewards to solve a cryptographic puzzle



Validating capacity depends on the stake in the network



Validators do not receive a block reward, instead, they collect transaction fees as reward



Hackers would need to have a computer more powerful than 51% of the network to add a malicious block, leading to 51% attack



Uses a lot of electricity



Hacker would need to own 51% of all the cryptocurrency on the network, which is practically impossible and therefore, makes 51% attacks impossible



Requires less energy

Note: A physical server that hosts the entire blockchain ledger, validates transactions, and writes new blocks to the blockchain.

Blockchains Explained

Blockchains are decentralized digital ledgers that record and enable secure peer-to-peer transactions without third party intermediaries.

CURRENT TECHNOLOGIES (Centralized Systems)

Trust / consensus entrusted to third party intermediaries.



BLOCKCHAINS (Distributed Systems)

Trust / consensus built into the Blockchain network and secured by cryptography.



1. Refers to bitcoin and ethereum blockchains.

Internet vs. Blockchain Technology Stacks*

Internet




Blockchain

Technology Overview

Stateless Protocol → Unable to store data

Stateful Protocol → Able to both transmit and store data

Application Layer

-  World Wide Web
-  Email
-  Video Streaming
-  Cloud Applications
-  Social Media

-  Crypto Currencies
-  Identity Management
-  Smart Contracts
-  Health Care Records
-  Governance

Protocol Layer

IP v4/v6, TCP, UDP, HTTP, SMTP,
IMAP, RTP, FTP, DNS, RTMP

-  Bitcoin
-  Ethereum
-  Polkadot
-  Litecoin
-  EOS
-  Cardano
-  Chainlink
-  Cosmos
-  Stellar

Infrastructure Layer



Network Hardware, Internet Service Providers,
Storage etc.



Mining Servers, Pools,
Blockchain Nodes

* For illustration purposes only, i.e. simplification of technology stacks.

Blockchain Use Case #1: Crypto Currency

In transitioning to our current monetary system, control of our assets has been yielded to trusted intermediaries that often fail.



| | | | | | |
|---|-----|-----|-----|------|-----|
| Free of 3 rd party to facilitate trade and ownership | Yes | Yes | No | No | Yes |
| Government Issued | No | No | Yes | Yes* | No |
| Secure (Counterfeiting) | 🕒 | 🕒 | 🕒 | 🕒 | 🕒 |
| Scarce (Predictable Supply) | | 🕒 | 🕒 | 🕒 | 🕒 |

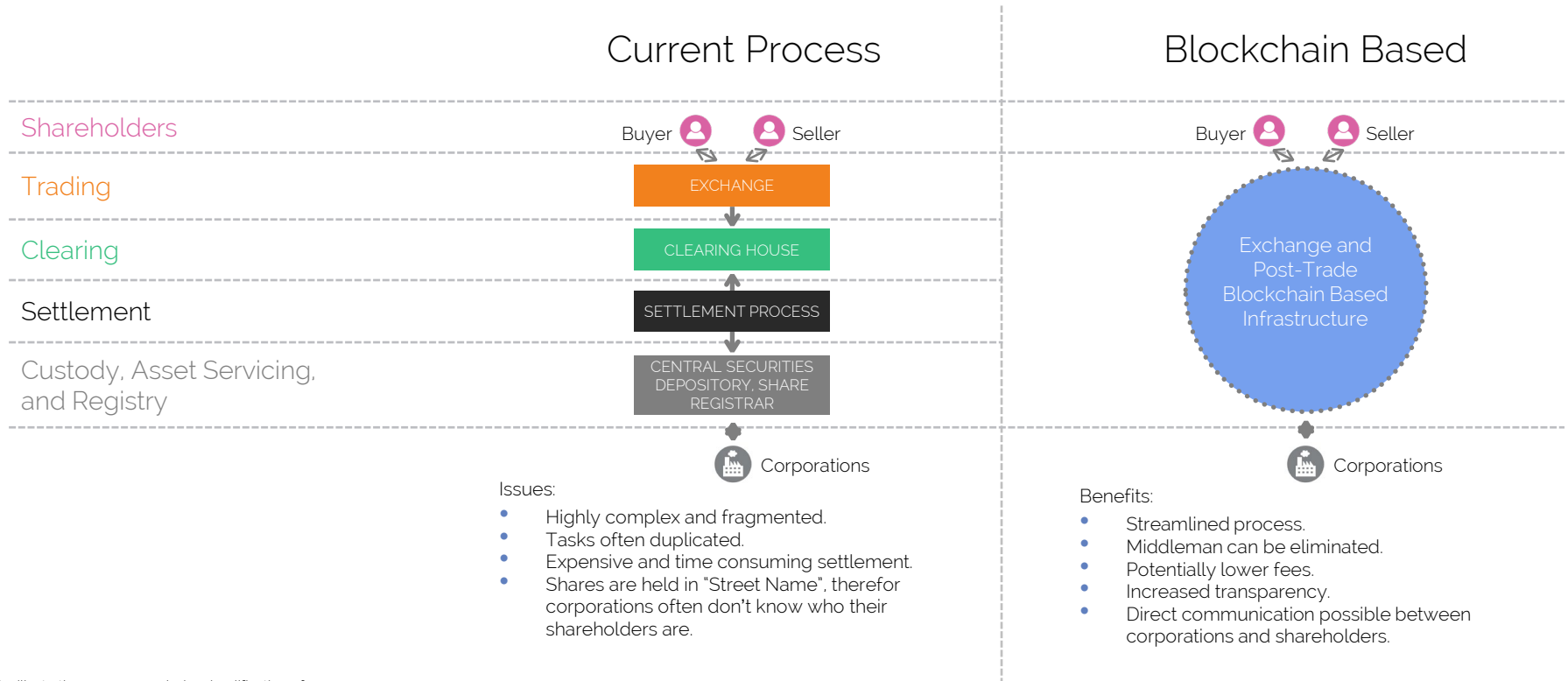


* Credit cards and electronic banking are typically based on government issued currency.

** The above data was prepared by BTCS and reflects solely the opinion of BTCS and its management.

Blockchain Use Case #2: Securities

Blockchains have the potential to remove middleman, lower asset exchange fees, and reduce instability of securities markets.

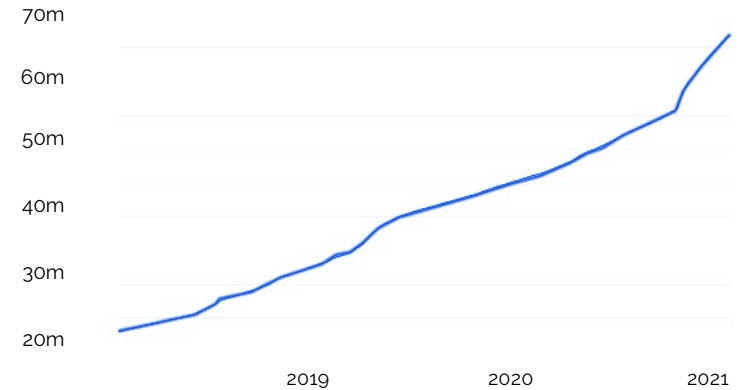


Price & Interest in Digital Asset Ecosystem

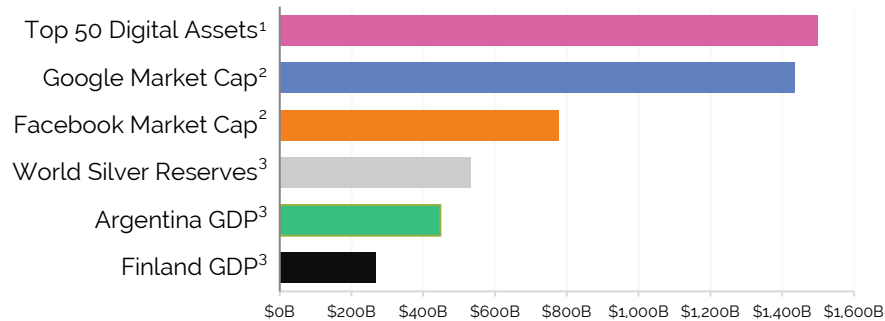
Total Digital Assets Market Capitalization¹



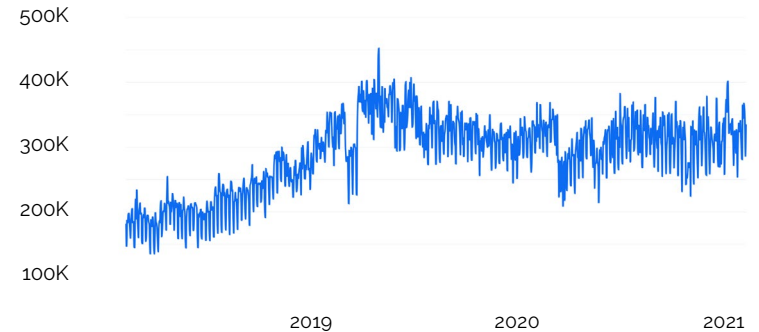
Blockchain Wallet Users⁴



Asset Market Cap Comparison*



Confirmed Transactions Per Day⁴



Sources: 1 Coinmarketcap 2. Yahoo Finance; 3. U.S. Central Intelligence Agency Stock of Broad Money; 4. Blockchain.com
* As of 2/17/2021.

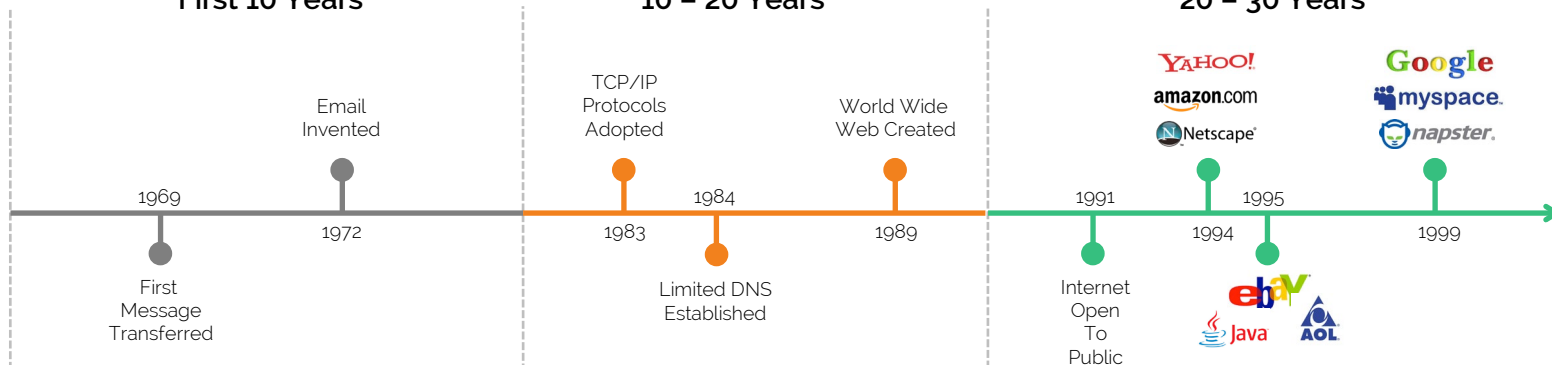
Blockchains are in "1st Inning"

First 10 Years

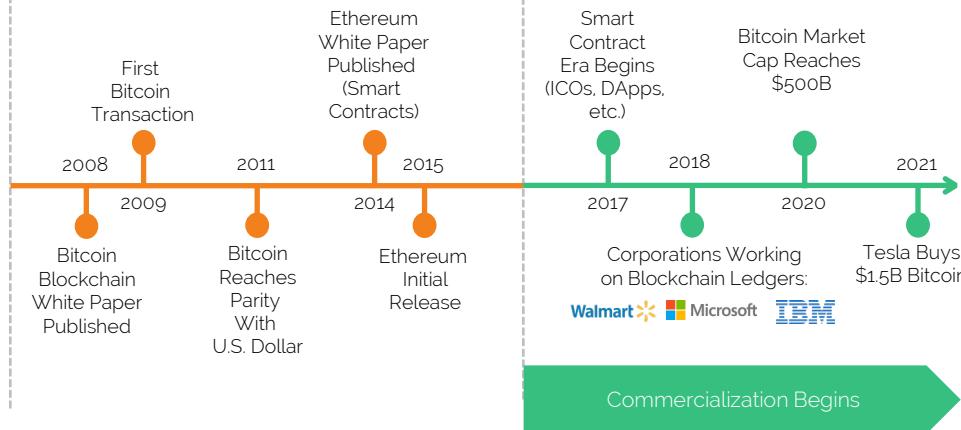
10 – 20 Years

20 – 30 Years

Internet
Timeline



Blockchain
Timeline



Commercialization Begins

- The internet took 20 years to transition from proof of concept to mass adoption. Smart contract blockchain technologies are in their first 6 years of deployment and may take at least 15 years to be applied across multiple industries.*
- Bitcoin is a great proof of concept for blockchain technology, similar to the internet prior to its mass commercialization.

Commercialization Begins

* For illustration purposes only, i.e. simplification of timeline.