



Presented by:

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Topics Discussed

- Background Observations
- Objective & Scope
- Problem Statement
- SWOT Analysis
- Proposed Controls & Implementation Plan
- Consulting Team
- Timetable & Cost
- Benefits to Bazinga's!

Background Observations

- Bazinga's! was founded by Jayne Brown in 1998
- Most valuable public trading company
- Introduced concepts:
 - Cryptocurrency (B-Coin)
 - Blockchain as a service (BaaS)
- Companies began taking advantage of Bazinga's! services
- DEA and FBI found illegal drugs in products between 3rd parties and buyers
- Bazinga's! stock trading was put on halt by the government

Objectives & Scope

- The Objectives
 - Control B-Coin, BaaS, and e-commerce platforms against criminal activities
 - Restore Bazinga's! market capitalization from previous impact
- The Scope - RFI
 - Propositions for changes necessary in the internal control
 - Creation of the B-coin exchange for account logging
 - The full implementation of self-hosted verifications

Problem Statement

- Bazinga's! Design and Plans for B-Coin and BaaS
- Blockchain and Cryptocurrency's Infancy and Nature Were Its Own Vulnerabilities
- Many Online Media Platforms Were Repurposed for Criminal Activities In Its Early Stages
- We're Not Trying to Point the Finger, but Learn from Others
- We advise Bazinga's! to not enter into a settlement agreement with the Federal Court

SWOT Analysis

Strengths

- 90% of cannabis Market Share
- Trillion Dollars of market capitalization
- Large non-profitable product diversity

Weaknesses

- No vendor background check
- No Product inspection at warehouses
- Relationship with vendors

Opportunity

- Strengthening of blockchain services
- Customer relations
- Strengthen presence in cannabis market
- Training for new hires/dogs
- Blockchain analysts for increased stability of BAAS

Threats

- Cyber attacks
- Phishing/Scamming
- Illegal drug activity
- Money laundering

Proposed Controls and Implementation Plan

Primary Goal

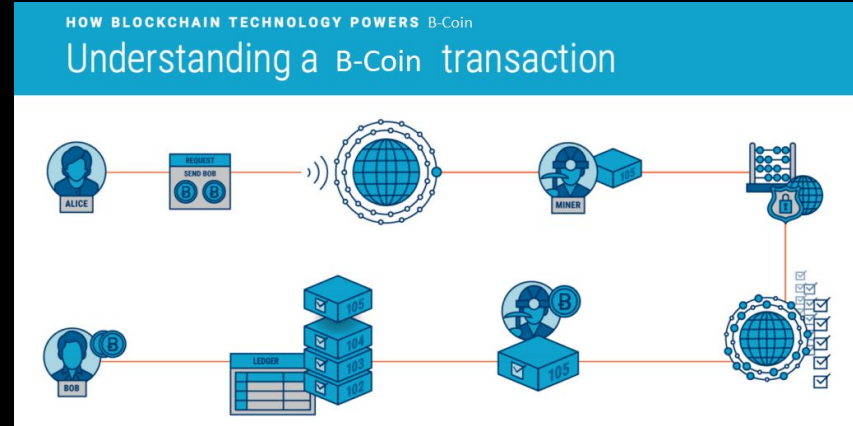
- Allow Bazinga's! to Continue to Provide B-Coin and BaaS
- Get the Cease and Desist Clause Waived
- Implement Controls That Benefits Bazinga's! in the Long Run

Legal Advisory and Public Relations

- Address the Situation to the Public Immediately
- Not Enter Into a Settlement Agreement With the Federal Court
- Damage Control
- Strategic Planning
- Present and Propose Planned Controls to the Federal Court

B-Coin

- Update Terms and Services
- Keep pseudo-anonymity
- Analyze B-Coin to trace origins
 - Create Blockchain Analysis department
- Work with government agencies if they have subpoena



BaaS

- Verification process to be implemented
 - New vendors will have to be verified first
 - Will be a rolling process for three months for current vendors
 - Offer credits in exchange for them paying for verification
- If vendors do not pass the check
 - Blacklisted from selling
 - Can still use services as a consumer but not a vendor
 - Only checking for things such as contraband

E-Commerce

- Focus to Improve Quality Assurance and Enhance Personal Accountability
- Incorporate the Use of Third Party Warehouses
- Implement CT-Scanners and K-(Units
- Implement a “Consumer Fraud Awareness” Program



Proposed Consulting Team

Aaron Ferrer - Project Manager

- Double Majoring in Accounting and Computer Information Systems, Business Intelligence Emphasis
- Current Deputy Treasurer at SWIFT
- Worked as Payroll Intern for Demand Audit Division at the LA City's Controller's Office
- Worked at Two Amazon Fulfillment Centers
- Will be the First Intern for the Audit Intelligence Division at MUFG
- Has Experience in Handling Financial Transactions, Database Management, and Supply Chain Operations
- Will Manage E-Commerce Implementations and Controls, Oversee Other Consultants' Work, Maintain Company's Public Relations

Kevin Souza - Solutions Architect

- Graduating with a Bachelor's in Business Administration: Computer Information Systems with an emphasis in Information Assurance
- Two Associate's Degrees in Management Information Systems and Business Administration
- Volunteer Coordinator in SWIFT
- Deciding between multiple offers for the summer after this project
- Gaining experience in multiple facets of cybersecurity.
- Role - Solutions Architect (Blockchain Analyst)
 - Creating blockchain analyst team
 - Monitoring and logging transactions that might seem suspicious.

Brandon Nguyen - *Talents & Operations Consultant*

- Junior in Computer Information Systems
 - Business Intelligence Emphasis
- Hope to gain more exposure in Big Data & Management Consulting
 - Career: Project/Product Manager
- Currently Chief Financial Officer for the Management Information System Student Association
 - Financial Analytic background
- Role -*Talents & Operations Consultant*:
 - Assist HR recruiting block chain analysts and software developers
 - Establishment of e-commerce and warehouses

Herbert Santoso - *Legal Advisory Consultant*

- Junior in Computer Information Systems
 - Cyber Security Emphasis
- Seeking to gain experience in management, networking, & securities
- Occupation: Los Angeles County Department of Agricultural Commissioner/Weights & Measures
 - Position: Student Worker, Information Technology
- Licensed Property & Casualty Agent by the Department of Insurance
- Skills & Endorsements
 - Java, HTML
- Role: Legal Advisory Consultant
 - Legal Implementations
 - Maintaining Public Relations

Calvin Truong - *Finance and Government Consultant*

- Majoring in Business of Administration: Computer Information Systems with an emphasis in Business Intelligence
- Actively seeking to enhance his professional/technical knowledge on data
- Pursuing a career as a Big Data Analyst/Database Administration
- Background skills:
 - Customer Service
 - Has experience in Accounting Transaction, Database Management, Object-Oriented Programming, and Business Communication
 - Computer Languages (Java, C#, C++, SQL, and HTML):
- Role - *Finance and Government Consultant*:
 - Analyze financial cost of transactions, implementations, and controls
 - Assist blockchain department to coordinate with government agencies

Cost

Positions	Quantity	Salary	Annual Cost
Blockchain Analyst	20	\$110,000	\$2,200,000
Legal Specialist	2	\$150,000	\$300,000
Consulting Team	5	\$90,000	\$450,000
Total	27		\$2,950,000

Equipment	Quantity	Cost	Equipment Description	Total Cost
K-9 Unit (Year 1)	10	\$100,000	Cost of Dogs	\$400,000
		\$50,000	Food	
		\$200,000	Housing/Maintenance	
		\$50,000	Insurance	
K-9 Unit (Post Year 1)		\$50,000	Food	\$125,000
		\$75,000	Housing/Maintenance	
CT Scanner (Per Warehouse)	5	\$300,000	Cost of CT Scanner	\$1,500,000
CT Scanner Repair	3	\$50,000	Maintenance	\$150,000

Timetable

Timetable Overview Chart			Weeks									
Activity	Plan Start	Plan Duration	1	2	3	4	5	6	7	8	9	10
Apology	1	1										
Legal Advisory: Damage Control	1	2										
Legal Advisory: Strategic Planning	1	8										
Legal Advisory: Present New Plan of Controls	1	3										
Make Announcement	1	1										

Timetable Overview Chart			Months									
Activity	Plan Start	Plan Duration	1	2	3	4	5	6	7	8	9	10
Hire Personnel	1	3										
Design and Service Policy	1	1										
Creation of Blockchain Analysts	1	2										
Testing Quality Controls	1	3										
Implmentation and 3rd Party Warehouses	1	10										
Consumer Fraud Awarness Program	1	3										

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Timetable Overview Chart			Years										
Activity	Plan Start	Plan Duration	1	2	3	4	5	6	7	8	9	10	
Implementenation of New Quality Controls	1	1											
Implementenation of K-9 Units & CT Scans	1	3											

Benefits to Bazinga's!

- Strong Legal Standing with Government
- Direct Stance against Illegal Activity
- Strengthened Customer Relations
- More Prominent Market Presence
- Enhanced Blockchain Security

Bibliography

“Amazon Fulfillment Expenses 2001-2018 | Statistic.” *Statista*, Jan. 2019, www.statista.com/statistics/236456/amazons-annual-fulfillment-expenses/.

“How Bitspark Is Breaking Up Western Union's Hold on the Remittance Industry.” *Bitspark's Blog*, Aug. 2018, www.bitspark.io/blog-posts/how-spark-is-breaking-up-western-unions-hold-on-the-remittance-industry.

“Introduction of Craigslist Increased Prostitution across U.S., Study Says.” *Phys.org - News and Articles on Science and Technology*, May 2018, phys.org/news/2018-05-introduction-craigslist-prostitution.html.

Jansen, Bart. “3D Scanners Can 'Digitally Unpack' Carry-Ons and Transform Airport Checkpoints with Better, Faster Security.” *USA Today*, Gannett Satellite Information Network, 16 Nov. 2017, www.usatoday.com/story/news/2017/11/16/tsa-tests-3-d-scanners-transform-airport-checkpoints-witto-potentially-boost-security-and-speed-line/869982001/.

Sraders, Anne. “Pay Attention to These 7 Bitcoin Scams in 2018.” *TheStreet*, 3 July 2018, www.thestreet.com/investing/bitcoin/bitcoin-scams-14640202.

Welch, Chris. “FTC Gives Internet Scam Victims More Time to Get Money Back from Western Union.” *The Verge*, The Verge, 5 Feb. 2018, www.theverge.com/2018/2/5/16975030/ftc-western-union-money-transfer-scams-refund-deadline-extended.

Wolfson, Rachel. “Tracing Illegal Activity Through The Bitcoin Blockchain To Combat Cryptocurrency-Related Crimes.” *Forbes*, Forbes Magazine, 15 Dec. 2018, www.forbes.com/sites/rachelwolfson/2018/11/26/tracing-illegal-activity-through-the-bitcoin-blockchain-to-combat-cryptocurrency-related-crimes/#29b09d733a9a.