

Anaxa

Reimagining communication with qIoT and blockchain

A decorative graphic consisting of multiple parallel, wavy lines of small blue dots, creating a sense of motion and digital connectivity. The dots are arranged in a way that forms a series of overlapping, undulating curves across the entire width of the image.

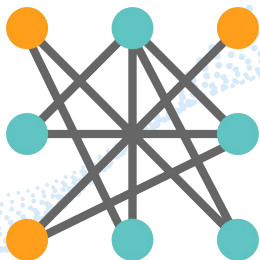
We are living in a connected world powered by the Internet.



— Problem

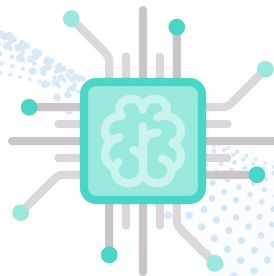
- **80,000** Attacks / Day
- **41 million** Stolen Records / Year
- **\$6.2 billion USD** Loss / Year
- **\$3.7 million USD** / Breach

— Solution



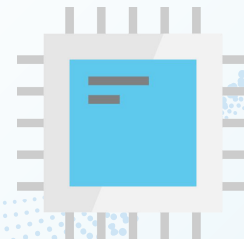
Blockchain platform
for decentralized
trust

+



Quantum encryption
for an unhackable,
instantaneous
network

=

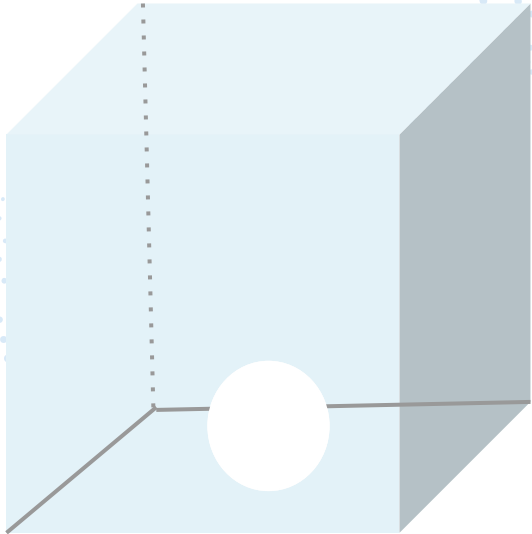


Secure storage
system and
communication
channels

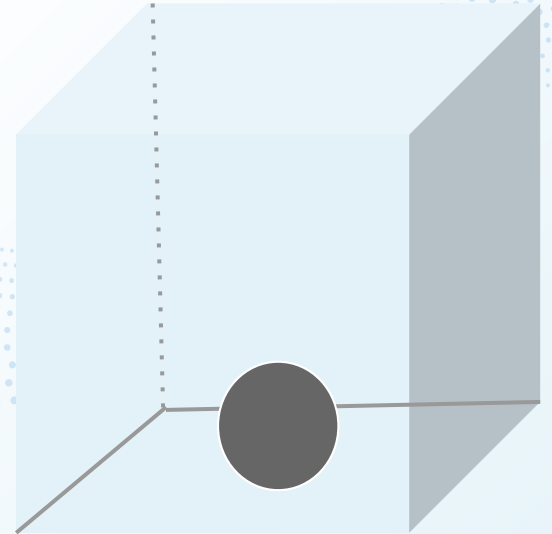
Quantum Key Distribution



Box 1



Box 2

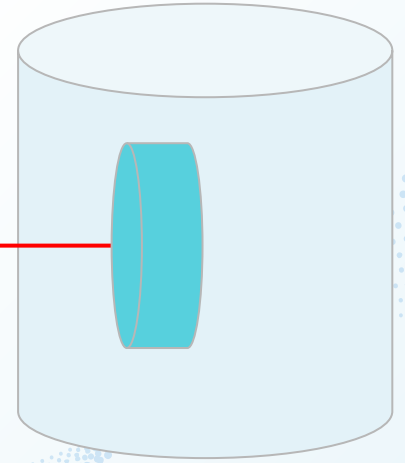
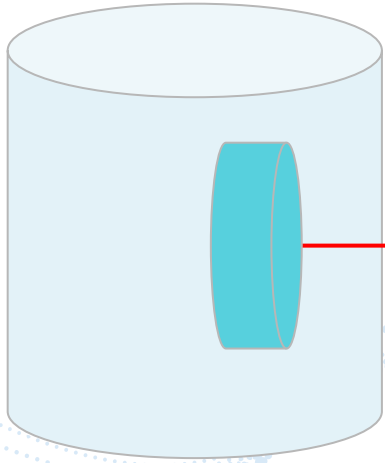


distance = x



Alice

Bob



Alice's Sequence

1 1 1 0 0 1

Bob's Bases

+ + X X + X

Bob's Result

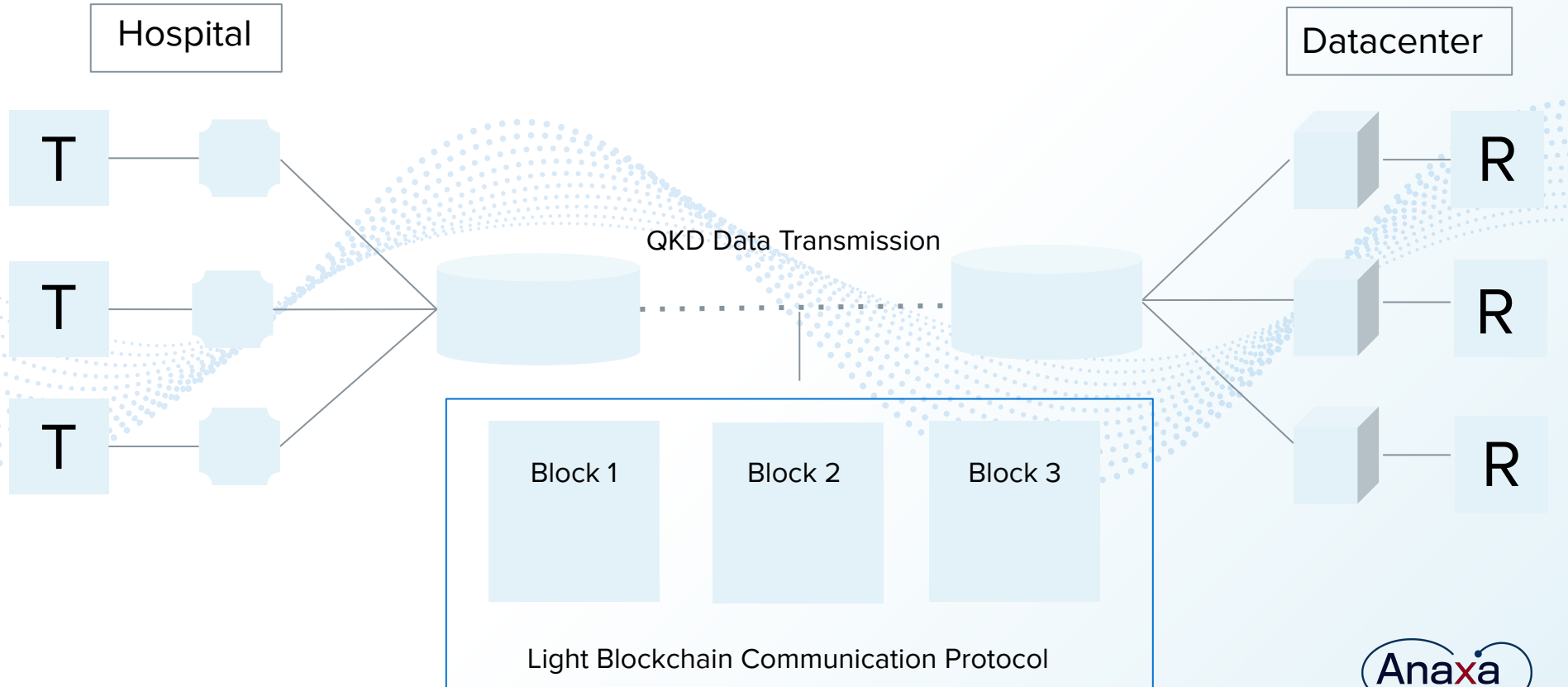
0 1 0 - 0 1

Result

- 1 - - 0 1



Device Scheme



User Mockup

The image displays a user interface for a file management system, split into two main sections: a file browser on the left and a host configuration panel on the right.

File Management Section (Left):

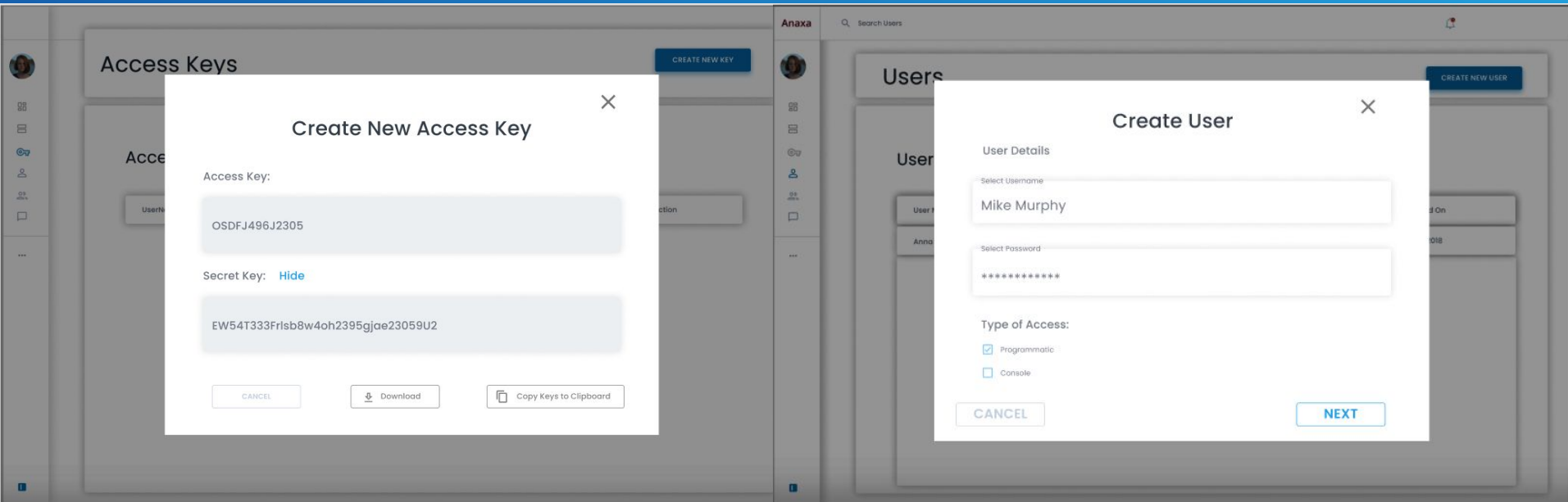
- Header: "Anaxa" with a search bar "Search Files".
- Top right: "CREATE BUCKET" button.
- Table with columns: File Name, File Size, Last Modified.
- Items in table:
 - 2020 Patient Records (115 GB, 5 Minutes ago)
 - 2019 Patient Records (132 GB, 14 Minutes ago)
 - 2018 Patient Records (193 GB, 6 Hours ago)
 - Miscellaneous (243 GB, Dec 14, 2018)
 - Patient A Record (2.3 MB, Dec 12, 2018)** (Selected)
 - Patient B Record (1.6 MB, Dec 11, 2018)
 - Patient C Record (1.8 MB, Dec 9, 2018)
 - Patient D Record (3.2 MB, Dec 6, 2018)
 - Patient E Record (2.1 MB, Nov 30, 2018)
 - Patient F Record (2.1 MB, Nov 26, 2018)

Host Configuration Section (Right):

- Section: "Host"
- Status: "Online" (Host Connectivity)
- Storage Available: "10.0 TB" (Total Storage Available)
- Section: "Host Settings" with input fields:
 - Max Duration: W
 - Storage Per User/Month: TB
 - Download Per User/Month: TB
 - Upload Per User/Month: TB
- Section: "Storage" with a table:

Storage Location	Free Space	Total Space
/Users/Desktop/_	3.2 TB	10 TB

User Mockup



Competitive Advantage

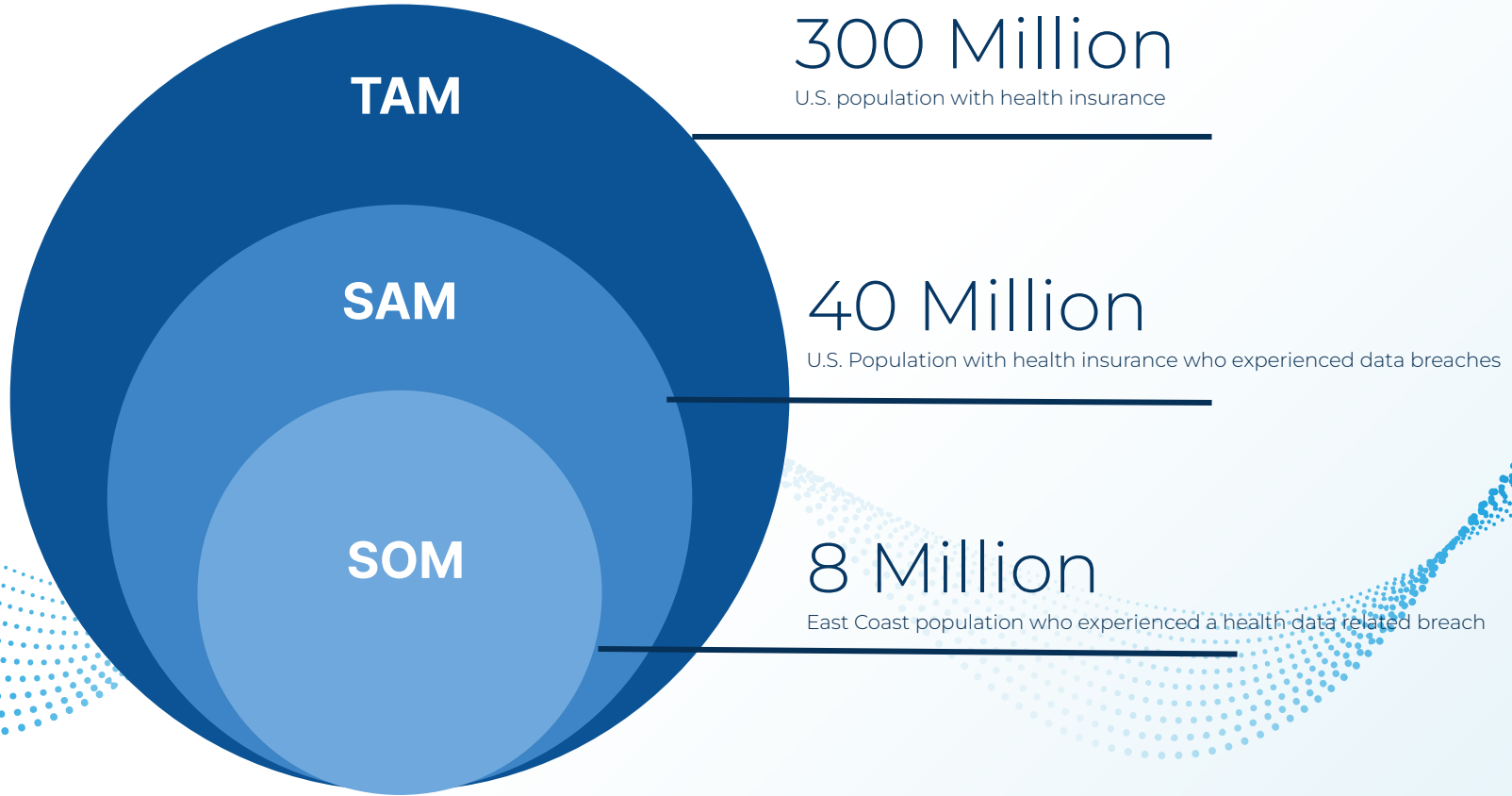


Classical vs. Quantum Network Potential

5G	QG
<ul style="list-style-type: none">• Encryption Speed 10 Gbps	<ul style="list-style-type: none">• Encryption Speed 100 Gbps
<ul style="list-style-type: none">• Latency 1 ms	<ul style="list-style-type: none">• Latency 0 ms
<ul style="list-style-type: none">• Spectrum Efficiency 30 bits/hz	<ul style="list-style-type: none">• Spectrum Efficiency 60 qubits/hz



— Market Size



Business Model



Revenue Model

\$28,100

Blockchain network
and quantum
encryption for storage
and communication
channel

\$26,000

/ Per year additional
costs for blockchain
network layer

Metrics:

50 users:

→ Projected Revenue: =

\$2.7 million

→ ARPA: \$4,500

Revenue Model Breakdown

Product Breakdown

1 User data gathered

2 Data processed by client, prepare to send/save in decentralized storage nodes

3 QKD Transaction completes, data encrypted + sent using Light Blockchain Communication Protocol (LBCP)

Pricing by Component

Quantum Hardware

- Manufacturing cost: ~\$20,000
- Profit Margin: 30% (17% industry average)
- 5 minimum user devices allotted
- "Pay as you go"

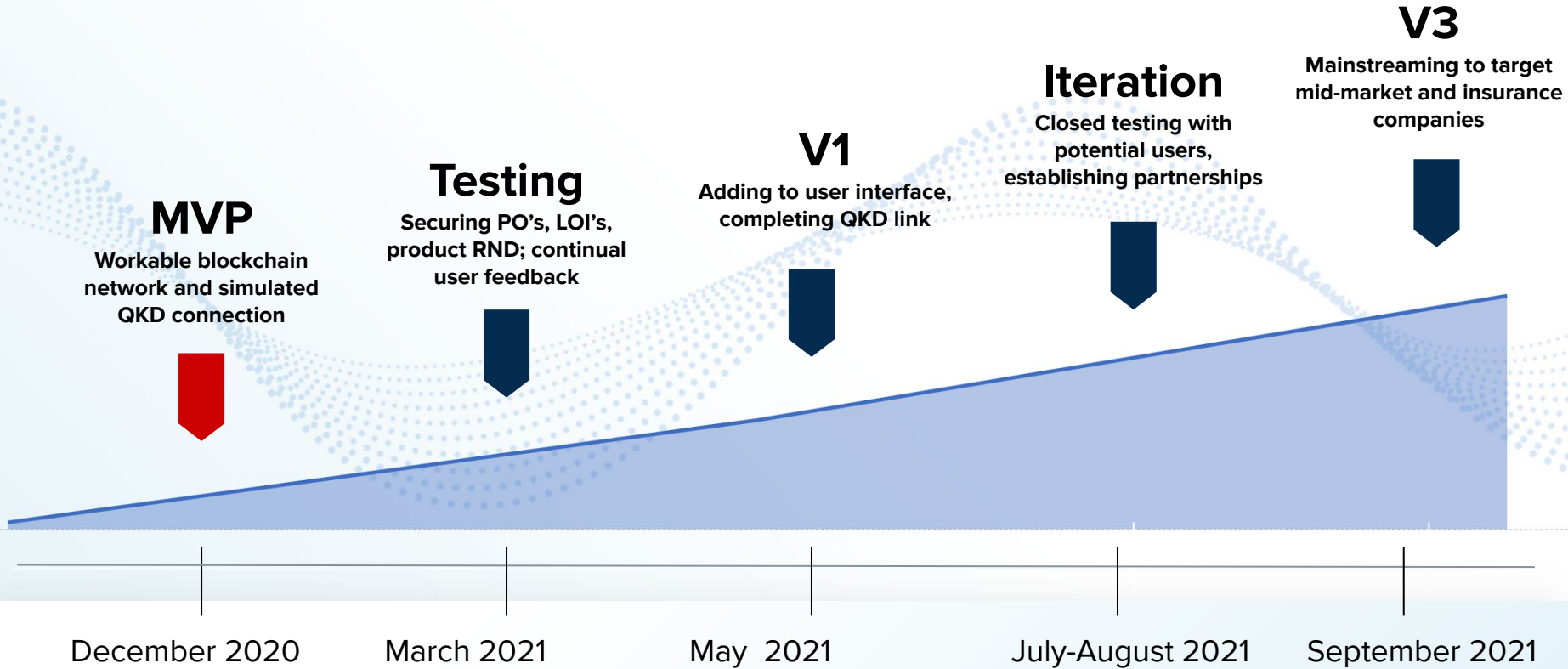
Decentralized Storage

- Manufacturing cost: ~\$50 per TB + qHardware
- Profit Margin: 30% (17% industry average)
- 20 nodes minimum (2TB each, \$100)
- SAAS model for maintenance
- \$28,100 upfront cost, \$26,000 afterwards (annually)

User Platform Software

- SAAS Model
- \$200 per user (medical staff/personnell)
- 5 users minimum tier
- Pay for maintenance + upkeep
- Optional, depending on need of client

Product Roadmap



Team and Contact



Alice Liu
Co-Founder
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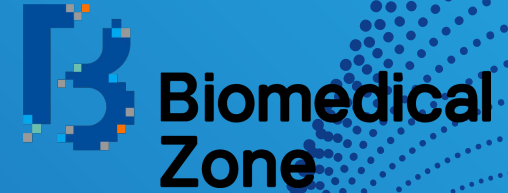


Saad Mufti
Co-Founder
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Website: anaxa.tech



Affiliations:



Ryerson
University



A decorative graphic consisting of a series of light blue dots arranged in a wavy, horizontal pattern that spans the width of the page. The dots are more densely packed in the center and become sparser towards the edges, creating a sense of motion and depth.

APPENDIX

Go to Market

GTM Strategy

Initial Target

Low-risk startups and apps collecting PII: social media company, dating apps, etc.

Target Market 1

Small / medium-sized health insurance agencies to CIOs and head of risk management

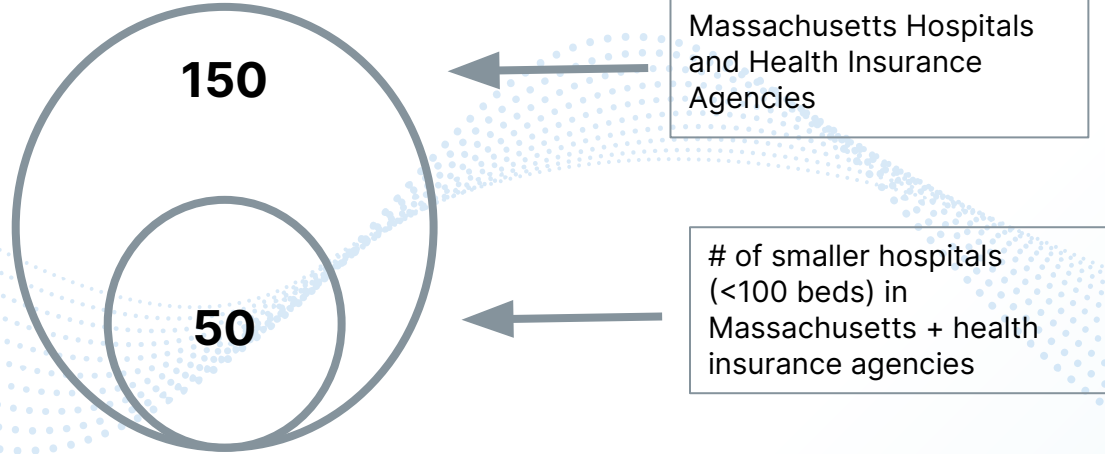
Target Market 2

Small hospitals (<100 beds) partnered with health insurance companies

Process

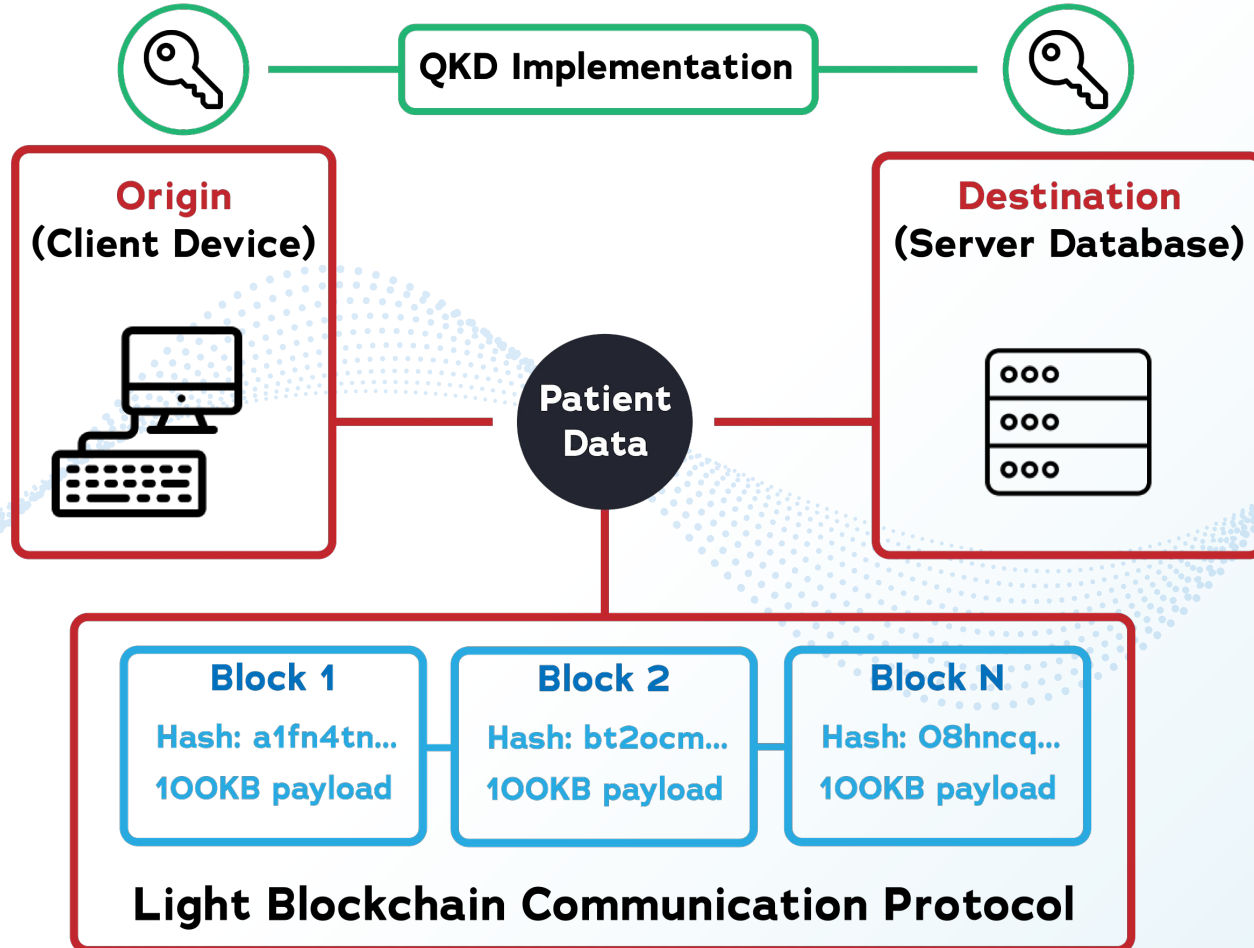
Freemium model offered as trial, direct sales and partnerships

Profitability Metrics Breakdown



Metrics:

- **Projected Revenue:** #
Units * Price = \$2.7 million
- **ARPA** (average revenue per account): $MRR / \#$
Units = \$4,500



User Mockup

Data Recorder

Review the data you want to upload.

General Info

Name
Adam J. Smith

DOB
2/12/1987

Sex
Male

Financial Data

SSN
123456789

Income
\$37.5K

Insurance Provider
Insurance Company Inc.

Employer
Company LLC

Tax Info
+ Add

[View all data](#) →

Send to Healthcare Provider >

Sales Funnel

Mid-market: self service and partnerships within healthcare space



Attention (of manager) → white paper, short demo videos, testimonials, security page covering key data concerns, etc.

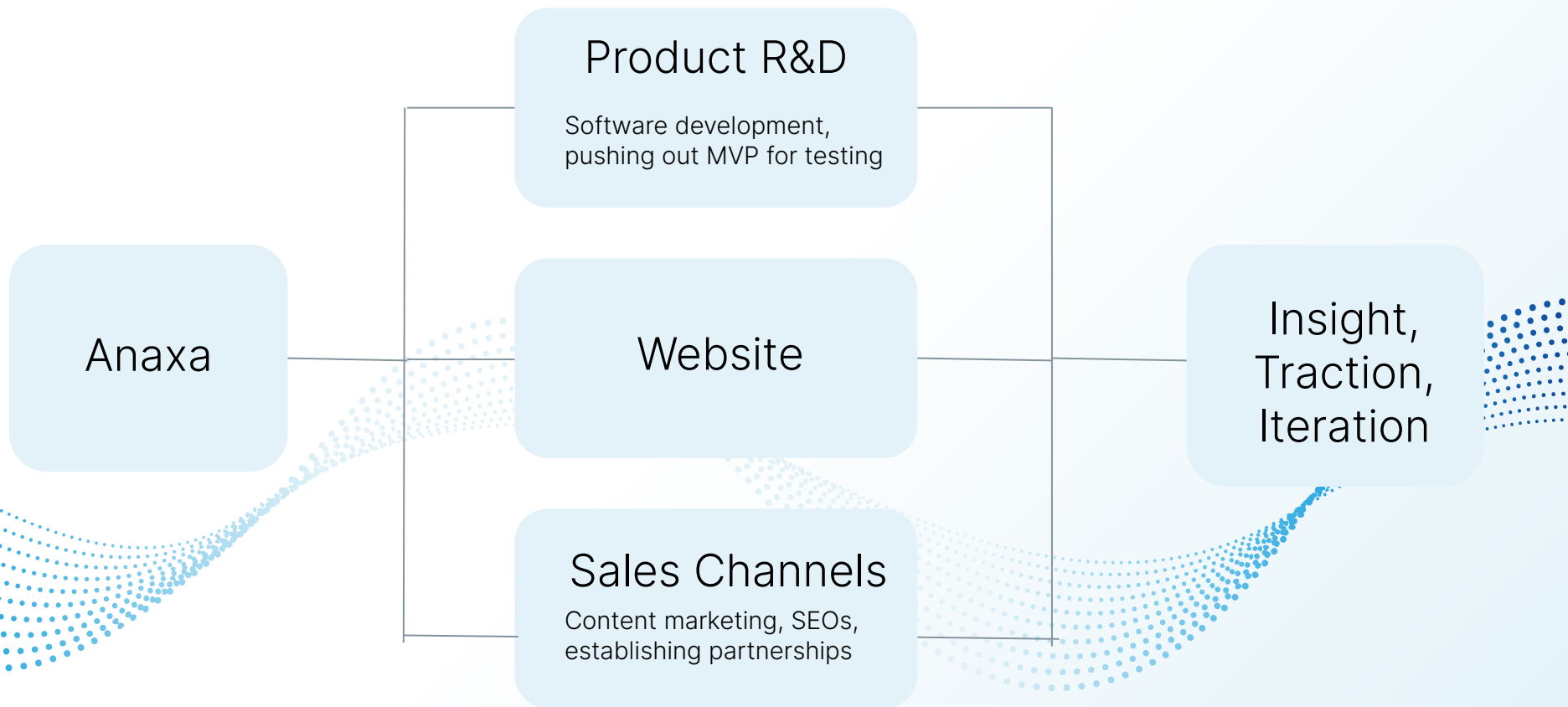


Consideration (managers, end users, developers) → case studies, demos, webinars, tutorials



Decision → take up the trial, completing price quotes, giving additional walk throughs of product

Initial Funding



Competitive Market

Market Concentration:

Major Players:



IBM



Check Point
SOFTWARE TECHNOLOGIES LTD



DELL
Technologies



AVG



CISCO

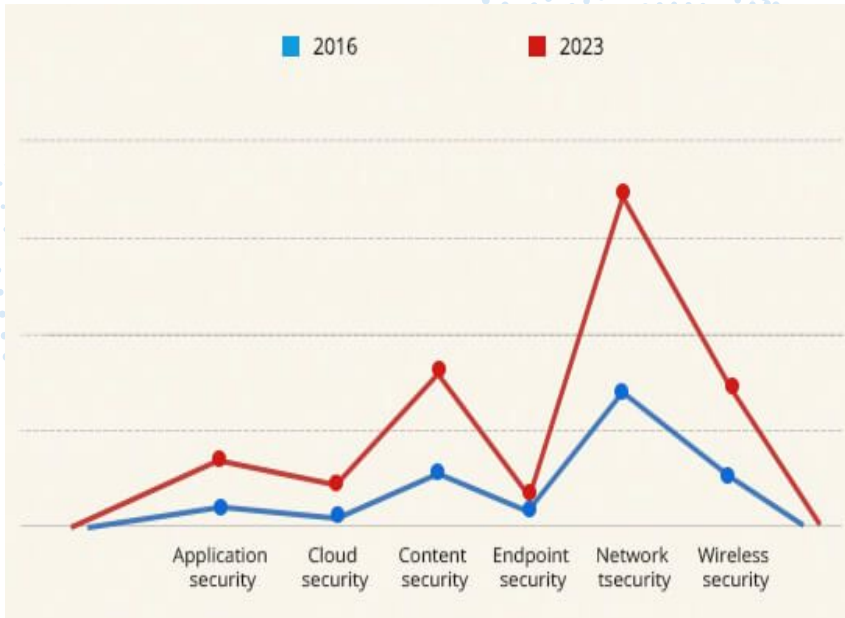
Consolidated – Market dominated by 1-5 major players

← Cybersecurity Market

Fragmented – Highly competitive market without dominant players

Competitive Market

Global Healthcare Cybersecurity:



U.S. Cybersecurity Market:

