



HilcoTM
Streambank

ACQUISITION OPPORTUNITY

Blockchain-Enabled
Biometric Verification
Patent Portfolio

Indication of Interest
Submission Deadline
November 6, 2023

Contact Us



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Hilco Streambank has been retained by an inventor (the “**Company**”) to solicit indications of interest to acquire a patent portfolio directed at blockchain-enabled multifactor biometric identity verification. The portfolio contains 2 patent families and has worldwide coverage, consisting of **8 U.S. granted patents and 30+ issued patents and pending applications worldwide.**

The Company's technology has **U.S. priority dating back to March 2016** on the first foundational patent application.

The assets are being offered by the Company in the context of a private transaction. **Indications of interest to acquire or license some or all of the patent portfolio will be reviewed as and when received. Therefore, parties interested in gaining exclusivity are encouraged to submit indications prior to the deadline of November 6, 2023.**

Given the broad potential applicability of the portfolio to existing products and services, we are flexible in terms of entering into non-disclosure agreements and communicating with interested parties on an anonymous basis, e.g., through outside counsel.

AVAILABLE ASSETS

8 U.S. Issued Patents
30+ Worldwide Issued Patents /
Pending Applications

THE PATENTED TECHNOLOGY

PORTFOLIO & TECHNOLOGY OVERVIEW

The portfolio includes patents for **systems and methods of implementing blockchain-enabled identity verification utilizing biometrics and/or other unique identifiers**. The patents cover the processes and methods of using private keys and public keys, establishing verification addresses, recording identifiers and biometrics at verification addresses, and using biometric data or other unique identifiers to verify an individual's identity, verify an entity identity, or verify a legal relationship.



TECHNICAL BREADTH & DEPTH

The portfolio contains robust claim coverage on biometric identifiers on and off the blockchain.

STRONG REMAINING LIFE

The portfolio will retain rights to the technology in most jurisdictions through 3/26/2036.

EXTENSIVE FOREIGN COVERAGE

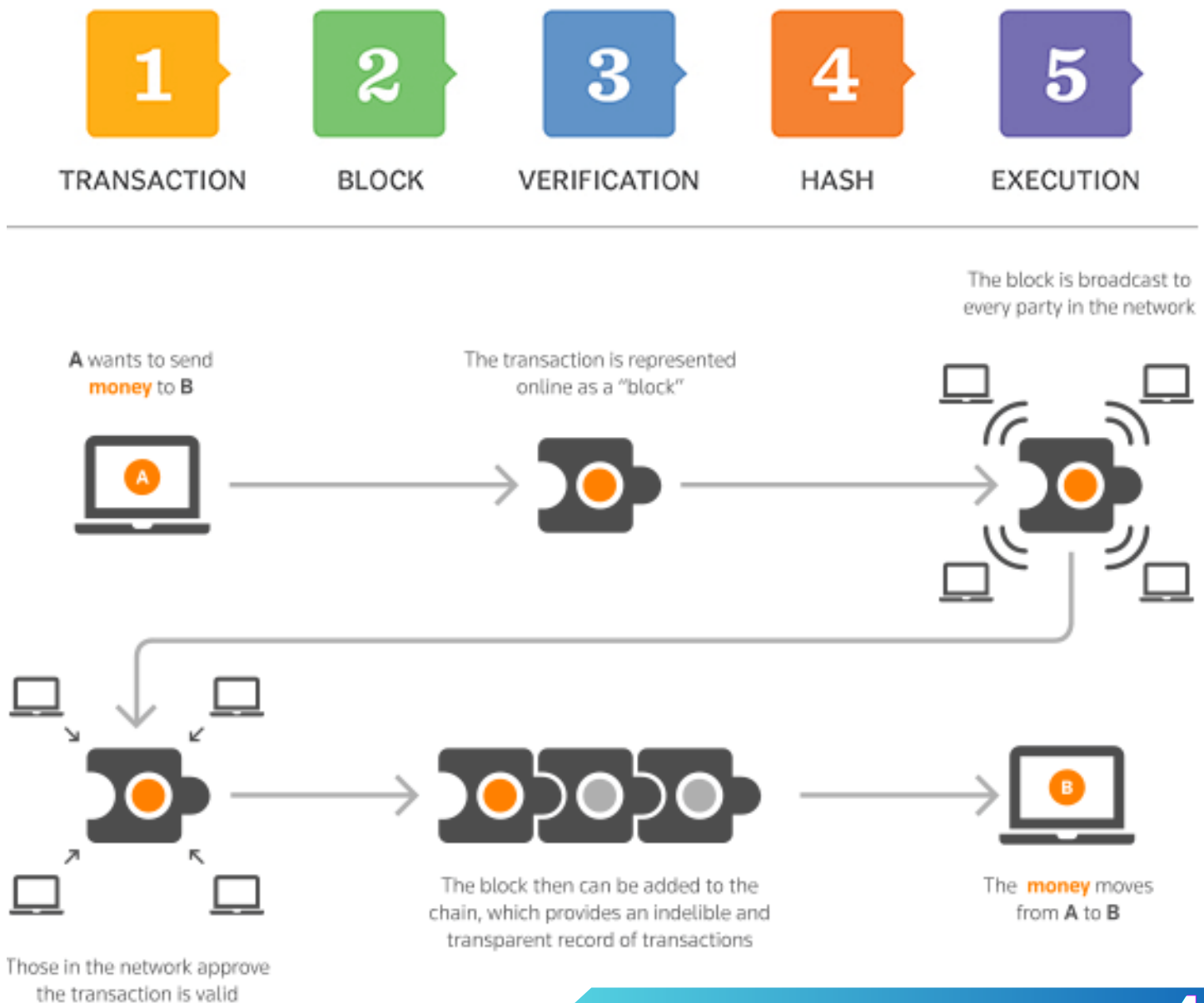
30+ worldwide issued patents and pending patent applications.

ABOUT BLOCKCHAIN TECHNOLOGY

GENERAL BLOCKCHAIN OVERVIEW

A blockchain is a digital record of transactions made up of “**blocks**” of data (transactions) maintained on a **decentralized network**. The network is organized in a nodular, **peer-to-peer system** in which each node or peer is independently responsible for validating various bits of data.

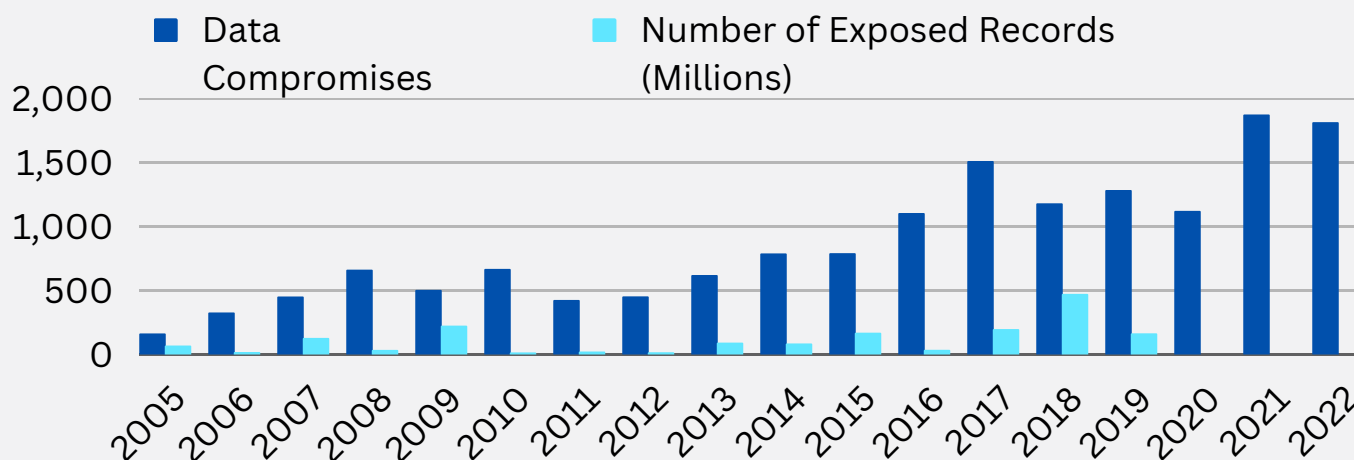
Security is derived from the **consensus** among peers required to add to or change blocks on the blockchain, most commonly through “proof of work” or “proof of stake” mechanisms.



INDUSTRY THREATS ARISING FROM UNSECURED GLOBAL TRANSACTIONS

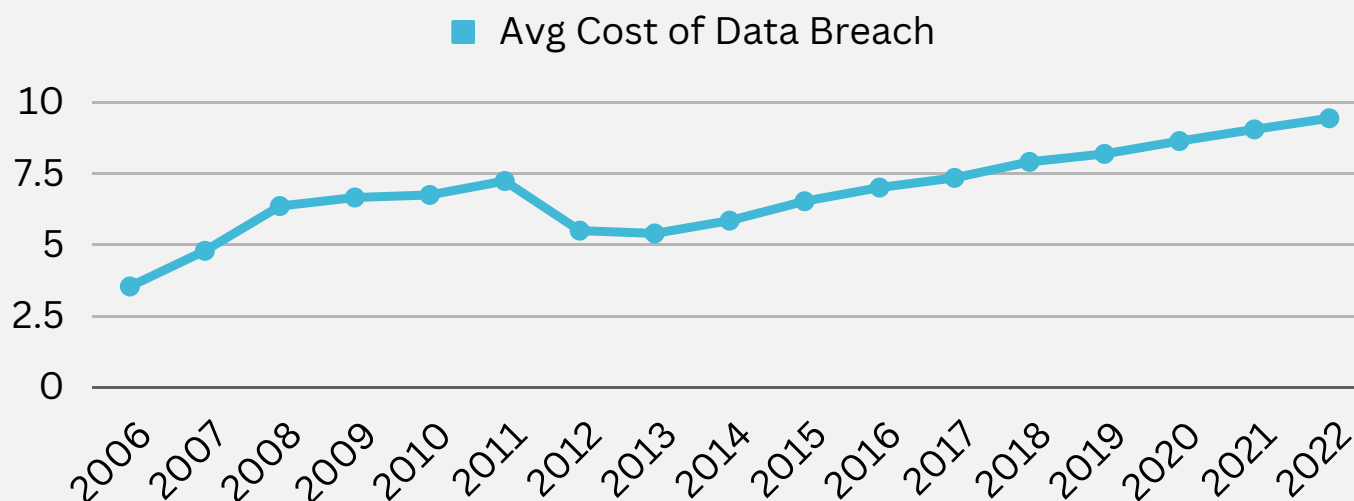
Financial services, healthcare, government, supply chain management, information technology, and more industries experience increasing threats globally due to widespread fraud, money laundering, criminal activity, cybersecurity threats, and more.

ANNUAL U.S. DATA COMPROMISES



In the United States alone, reported data cybercrime and data breach incidents have risen from 157 in 2005 to 1,862 in 2022 according to *Statista*, with **more than 422 million individuals affected in 2022**, with a rising **average cost per data breach of \$9.44 million**.

U.S. COST PER DATA BREACH IN MILLIONS OF \$USD



Advocates have argued that blockchain offers the only adequate, equitable identity solution that can protect these users from threats such as data theft and privacy abuses.



Source: *Cointelegraph.com*, Blockchain Identity Market to Grow \$3.58B by 2025, Report Claims, (Aug. 2021).

APPLYING THE PORTFOLIO TO BIOMETRIC IDENTITY MANAGEMENT

The portfolio covers **multi-factor identity management and biometric authentication at the intersection of blockchain-enabled technologies**. This intersection is key to the overall security and validation of data and **covers existing and developing technologies** that are being implemented at increasingly higher rates in order to address the highly costly cybercrime and identity management issues plaguing numerous industries globally.



Biometrics provide some of the most secure ways to verify identity as part of multi-factor identity checks. The systems provide for personal identification by fingerprinting, voice recognition, retina scans, and, broadly, "**other unique identifiers.**" In the context of blockchain-enabled identity management, which provides inherent security through decentralized storage and validation, the portfolio's layer of biometric verification provides blockchain identity and security layers making the system more **secure and transparent.**

USE CASES & POTENTIAL APPLICATIONS

The portfolio represents an attractive opportunity for blockchain industry technology developers to **strengthen their portfolios** by gaining expansive claim coverage and **priority dating back to 2016**.

Numerous industries, particularly in the **financial, healthcare, and technology IT sectors**, have already begun developed and implemented biometric verification technology both on and off the blockchain to securely and quickly verify identity.

ANTI-MONEY LAUNDERING (AML)

KNOW YOUR CUSTOMER (KYC)

CROSS-VERIFICATION OF DATA

VERIFIABLE CREDENTIALS

SELF-SOVEREIGN IDENTITY (SSI)

DECENTRALIZED IDENTITY (DID)

DATA SECURITY

AUTOMATED FINANCIAL TRANSACTION SECURITY

PERSONAL & REAL PROPERTY TITLE

PRIVACY-COMPLIANT ELECTRONIC HEALTH RECORDS

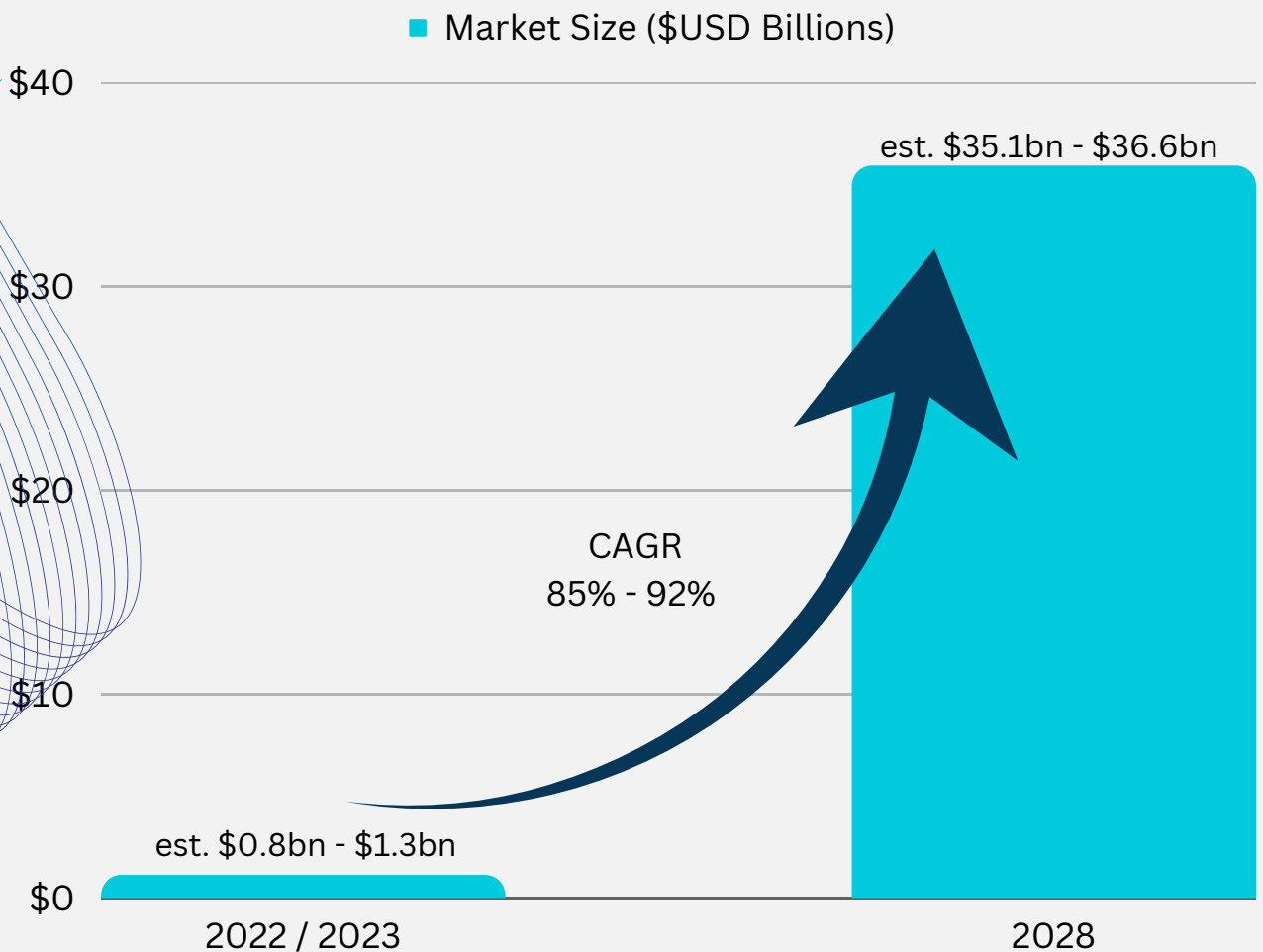
ENTERPRISE IT SECURITY

GOVERNMENT & PUBLIC ADMINISTRATION



A NASCENT MARKET POISED FOR NEAR-TERM EXPONENTIAL GROWTH

The **blockchain identity management market** is incredibly new, meaning that the **priority of the portfolio dating back to 2016 is extremely important**. Because of the nascency of the market, size and projections vary, but across the board, market researchers agree that the market is poised for **explosive growth over at least the next 5-8 years**.



By 2025, 20% of total digital ID will be built using DLT/Blockchain technology, increasing from 5% in 2020.



Sources:

- *Markets and Markets*, Blockchain Identity Management Market by Offering (Software and Services), Provider Type (Application Provider, Middleware Provider, and Infrastructure Provider), Network, Organization Size, Vertical and Region – Global Forecast to 2028, (Aug. 2023).
- *IMARC*, Blockchain Identity Management Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028, (July 2023).
- *Cheqd.io*, Self-Sovereign Identity: How Big Is the Market Opportunity?, (Mar. 2023).

SIGNIFICANT EVIDENCE OF USE IN THE MARKET

Utilizing
Technology

8+ Major Corporatio...

Not Investigated
Potential Infringers

70+ Companies

Believed
Potential Infringers

90+ Companies

Patent
Forward Citations

150+ Companies

The Company has conducted extensive analysis and believes there to be **significant evidence of use of infringing services and products stemming from major, global market participants**. Acquiring some or all of the portfolio presents unique opportunities in both **defensive and offensive patent positioning for both strategic operators and licensing platforms**.



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