



# Geeq<sup>TM</sup>

THE TECHNOLOGICAL BACKBONE  
OF A BETTER ECONOMY FOR EVERYONE

...

SPRING 2021

# We Are On The Verge Of A Tectonic Shift That Will Fundamentally Shake Everything

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Technology is causing the physical, digital and biological worlds to converge. It will affect every industry, throughout all economies.

*This is a huge opportunity and a huge challenge.*

It presents an unprecedented opportunity to amplify our abilities, increase productivity, and tackle global problems. However, technology and data are currently heavily centralized among a handful of players. This centralization skews the value chain of entire industries towards intermediaries, hindering innovation and competition, while giving rise to grave cybersecurity risks.

TECHNOLOGY & HUMANITY ARE MERGING

This is what a decentralized world would look like.  
A means of exchanging data and value fit for purpose in the 21st century.

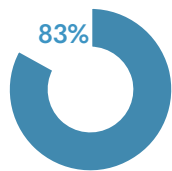
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Stimulating innovation, transparency, collaboration and competition  
by creating a technological infrastructure that enables markets to work properly.

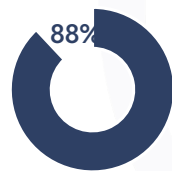
FOR EVERYONE

# Enterprise Adoption Of Blockchain: It's Not A Matter Of *IF* But *WHEN*

Blockchain is becoming a critical success factor for your business



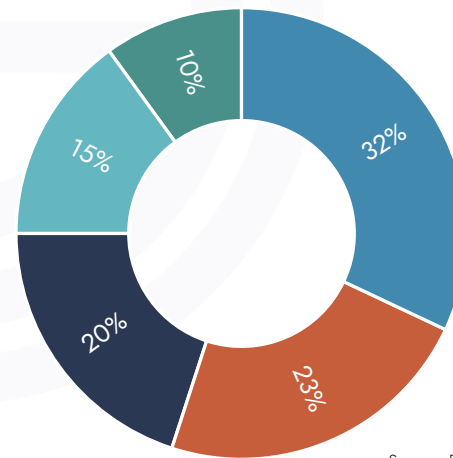
Agree they will lose their competitive advantage if they don't adopt blockchain



Expect mainstream adoption



View blockchain as one of their top 5 strategic priorities



- 32% - Development stage
- 23% - Nothing to see here
- 20% - R&D Phase
- 15% - Going live
- 10% - Pilot phase

Source: Global Deloitte study among senior executives, 2020

Source: PwC Global Blockchain study, 2019

# **BUT** When Seeking to Decentralize, You Are Caught Between A Rock and A Hard Place

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## Public blockchains...

lack the speed, reliability, flexibility, affordability and scalability to be viable for most real-world applications.

## Enterprise blockchains...

are not really blockchains. They don't solve the scalability trilemma, they just ignore one of its corners: decentralization.

WE NEED REAL BLOCKCHAIN FOR THE REAL WORLD

We believe that decentralization can lead to a better economy for everyone. But we also recognize that for decentralization to be viable, decentralized networks have to be at least as functional as our current infrastructure.

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This means that better blockchain technology is needed, with the cost-effectiveness, reliability, security, flexibility and interoperability required to be deployed at scale.

## THE GEEQ SOLUTION

# The Geeq Solution: The Technological Backbone Of A Better Economy. For Everyone

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## OUR CORE

Geeq is a **distributed value ecosystem** that is secure enough for critical data, affordable and scalable enough for IoT, and flexible enough for a wide array of applications at home, at work and at play. A **highly customizable decentralized networking solution** with the speed, scalability, security and cost effectiveness to work for everyone. Built on an entirely new protocol, it radically reduces the cost of securely transacting value at scale.

## OUR THREE PILLARS

### Accessible

Open to all honest participants and featuring low-cost transactions and uniquely convenient payment equivalents to cashier checks and bearer bonds.

### Flexible

Our infinitely scalable multi-chain architecture enables businesses to launch bespoke decentralized networks tailored to specific needs.

### Robust

The Geeq protocol provides a highly secure validation layer that is built to last with a clear quantum-ready upgrade path.

# The Geeq Difference and Why We Make The Difference

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**Inexpensive:** transactions on Geeq cost a fraction of a cent, making it affordable for everything from IoT applications to micropayments.

**Secure:** unrivaled 99% Byzantine fault tolerance and strategically provable security.

**Scalable:** Geeq's multi-chain architecture enables virtually limitless scalability.

**Flexible:** offering the chance to start at genesis and build your own, unique system.

**Fast:** the PoH consensus protocol makes Geeq's speed competitive with centralized systems.

**Light:** every application is served by its own decentralized network, so there is no shared overhead.

**Accessible:** ability to migrate applications from other chains.



# But Doesn't Blockchain Already Do All This?

## The Short Answer...NO

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### An exciting technology.

Since its inception, blockchain has been heralded as a game-changing technology. But the promise has failed to materialize. There has been plenty of hype and curiosity, but real-world enterprise adoption has been limited mainly to pilot projects. Large enterprises seeking to gain first-mover advantage have given the green light to costly blockchain experiments, often without a clear business rationale.

BUT NOW  
IT'S TIME  
TO GET REAL.

### The only network that delivers real blockchain for the real world.

**If blockchain is** to have a genuine impact on business processes and deliver real efficiency savings, it needs to be real blockchain. That means that it has to enable trustless transactions to reduce friction, unlike current enterprise solutions based on proof of authority (PoA).

**If blockchain is** to become a realistic alternative to centralized databases, it has to work in the real world. That means it has to be customizable, upgradable, reliable, secure and cost efficient.

**Geeq is the only blockchain that delivers on all of these attributes.**

# So Why Would I Need Geeq?

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The possibilities are endless, but here are 5 economic and business scenarios where Geeq excels:

**Enabling:** multiple organizations whose interests may not fully align to cooperate and exchange data – Geeq can help to accelerate, automate and streamline interactions among stakeholders in fields such as supply chain management.

**Creation Of A Highly Secure, Auditable Record Of Facts Or Data:** This can be particularly useful for compliance purposes to create audit trails or to keep records of telemetry data in the industrial, medical, or infrastructural domain.

**Securing Critical Data:** such as securities, land titles or large financial transactions.

**Micropayments:** enabling individuals, machines and organizations to securely exchange value, potentially in very small increments.

**Facilitating Decentralized Transactions Between Individuals:** Geeq can be used to create peer-to-peer markets and escrow services without any central intermediary at minimal cost.

# Introducing Proof Of Honesty: An Entirely New Type Of Blockchain Protocol

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At Geeq, we have developed an entirely new type of blockchain protocol, based on a consensus mechanism that we call Proof of Honesty (PoH). Blockchains based on PoW, PoS or PoA work on the assumption that power — in terms of hash rate, financial muscle, or institutional standing — produces truth. We believe that only those who are truthful should be powerful.

That's why we have reengineered decentralized consensus, based on decades of research in economics and game theory, to reward honesty.

WITH GEEQ, POWER IS NOT TRUTH, TRUTH IS POWER.

POWER  $\neq$  TRUTH // TRUTH = POWER

# It's Not The Strongest That Survive But Those Most Adaptable To Change

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*Utopia is a framework for utopias, a place where people are at liberty to join together voluntarily to pursue and attempt to realize their own vision...*

Robert Nozick

Geeq is not a unitary blockchain network. There is no mainchain. It is an ecosystem of bespoke decentralized networks which share a common validation layer based on PoH. This gives enterprise clients and developers a high degree of flexibility to design a genesis block and blockchain network tailored to their specific needs.

This is a highly flexible model which enables evolutionary principles to determine which implementations of blockchain are most useful.

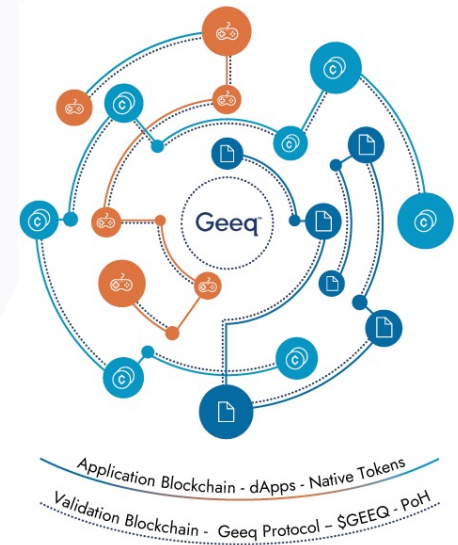
A BLOCKCHAIN WHERE ALL BLOCKCHAINS CAN EXIST

# Flexible Scalability Is One Of Geeq's Biggest Strengths

Based on its multi-chain architecture, developers can work with Geeq to create bespoke Geeq chains to meet their specific business needs. Each Geeq chain comprises both a validation layer and an application layer.

The validation layer is simple, reliable and consistent across all Geeq chains, managing things like token transactions between users and fee payments to nodes. The application layer is highly customizable and supports features such as smart contracts, DApps, native tokens and specialized data types.

This dual-layer approach has been adopted to ensure that flexibility and customizability do not come at the expense of security.



# Myriad Use Cases: The Transformative Power Of Geeq

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## TRANSFORMATIVE TECHNOLOGY FOR PRACTICALLY ANY INDUSTRY

Energy, healthcare, pharma, industrial IoT, manufacturing, logistics, supply chain management, retail, automotive, utilities, infrastructure, real estate...

## TRANSFORMATIVE POSSIBILITIES FOR PRACTICALLY ANY APPLICATION

Micropayments, IoT telemetry, sensitive digital records, machine-to-machine markets, supply chain solutions, gaming, streaming services, tokenized securities (custody or title transfer), smart cars, smart cities...

# The Geeq Multiverse and Some Geeq Applications

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Don't imagine a world... build it.

With the world's most versatile, interoperable blockchain development environment.

## Geeq Pay

*Payments  
without boundaries.*

Radically increasing speed while reducing transaction costs for payments and remittances down to fractions of a cent.

## Geeq IoT

*Real blockchain  
for the real world.*

Made-to-measure decentralized networks for IoT applications — ultra-low fees, near infinite scalability, and unrivaled security.

## Geeq Data

*Your Data.  
Your Choice.*

Decentralized authentication and identity management tools.

## Geeq for Good

*Economies thrive  
in daylight.*

Promoting inclusion and transparency through decentralized technology.

# The Team: We Are Geeqs

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**RIC ASSELSTINE**

Chief Executive Officer  
Technology R&D to Market  
IoT



**STEPHANIE SO**

Chief Development Officer  
Technology Analysis  
Product development and Research



**JOHN CONLEY**

Chief Economist  
Mechanism Design  
Information Theory



**LUN YUEN**

Chief Architect  
Technologist and Entrepreneur  
Program and Systems Design



**IAN SMITH**

Lead Developer  
Cryptography and Network Systems  
Project Development and Leadership



**ERIC BALL**

Treasurer  
Venture Capitalist  
FinTech

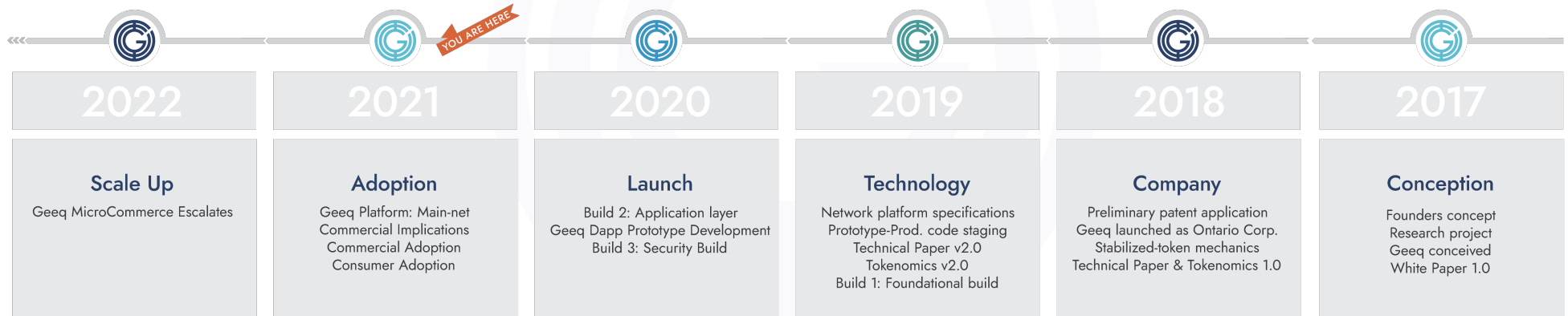


**HANS SUNDBY**

Head of Crypto  
Market and Business  
Development Strategist



# The Roadmap: Getting There, One Step At A Time...



... and here we are!

# Geeq<sup>TM</sup>

THANK YOU



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