

# Kadena

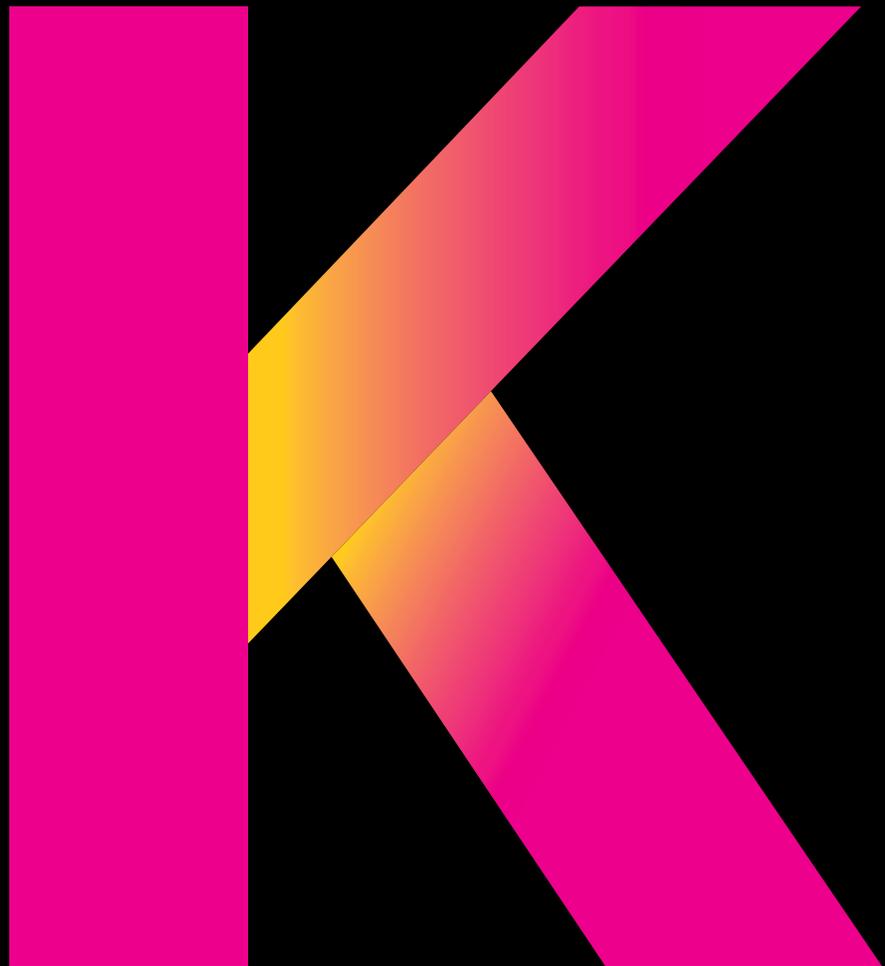
## Company Overview

November 2019



**The public blockchain ready  
for production smart contracts.**

**Kadena mainnet mining is now live.**



# About Kadena

**From the founders who created JP Morgan's first blockchain, Kadena is ready to power Economics 2.0.**

**Kadena has launched a truly scalable blockchain ready for applications.**

**Kadena's public blockchain is a braided, high-throughput Proof of Work system that runs Chainweb, a protocol that delivers groundbreaking security and throughput. The Kadena network will unite public applications, private blockchains, and other interoperable chains in one place, driving traffic to the high-bandwidth computer at the heart of the Kadena public chain.**

**Kadena software is in use today by major companies in finance, healthcare, and insurance while allowing builders with a vision to skip straight from idea to product. With the launch of Kadena's public chain, this system will now support all types of blockchain application development, from private to public and everywhere in between.**

**Kadena has solved the problems of Ethereum and is delivering features today that other blockchains have only begun to include on their roadmaps, including Formal Verification, interoperability, scalability, and more.**

**Kadena is live — a public blockchain ready for immediate deployment of production blockchain applications.**

# Kadena's feature set **today** is the industry's **future** roadmap

Bitcoin is the most successful and proven blockchain with one major drawback, scalability.

**Kadena solves scalability.**

Ethereum was the most promising smart contract platform, and yet its fundamental lack of security and interoperability will forever hold it back.

**Kadena solves smart contracts.**

		Kadena	Cosmos	BTC	ETH	ETH 2.0
<b>Protocol Scalability</b>	Layer 1 (sharding)	✓				?
	Layer 2 (hub & spoke)	✓	✓			?
<b>Smart Contracts</b>	Formal Verification	✓				?
	Decentralized Access Control	✓	✓			?
	Turing Incomplete	✓		✓		?
	Business Adoption	✓		✓	✓	?
	Upgradable Contracts	✓				?
	Human Readable	✓				?
	Interoperability	✓				?



## Letter from the Founders

**We founded Kadena in 2016 because after building the first blockchain for JP Morgan, we realized that we were truly capable of advancing blockchain technology in ways that no one else was thinking about. Three years later, the Kadena smart contract platform is finally complete with the release of our scalable Proof of Work public blockchain.**

**We've brought together an amazing team with production engineering experience at banks, Google and Microsoft; regulatory experience; and financial knowledge. We've created a public blockchain that is ready right now for real businesses and apps--we've solved sharding and scalability, formal verification, interoperability, and more, and we're so pleased to share our work with the world.**

**Blockchain technology has the potential to fundamentally transform businesses, finance, government, and the fabric of our society. With Kadena's public blockchain, we're here to give the world the tools to succeed and take their ideas and ambitions to places none of us can even imagine. Yet.**

A handwritten signature in white ink that reads "Will Martino". The signature is stylized and cursive.

**Will Martino**

A handwritten signature in white ink that reads "Stuart Popejoy". The signature is stylized and cursive.

**Stuart Popejoy**

# The Complete Blockchain Toolkit

## Kadena

The purpose of Kadena is to be a single source for the resources you need to build a blockchain application. Kadena's public blockchain is a central hub to which many different blockchains, public and private, all connect using the smart contract language Pact.

The high-throughput Proof of Work Kadena public chain is ready to handle massive transaction volume through our unique Chainweb sharding technology, and with Pact as an interface, an application on Kadena can also seamlessly integrate with our private blockchain software.

The full Kadena ecosystem is live and ready to take us into the **future** of Economics 2.0.

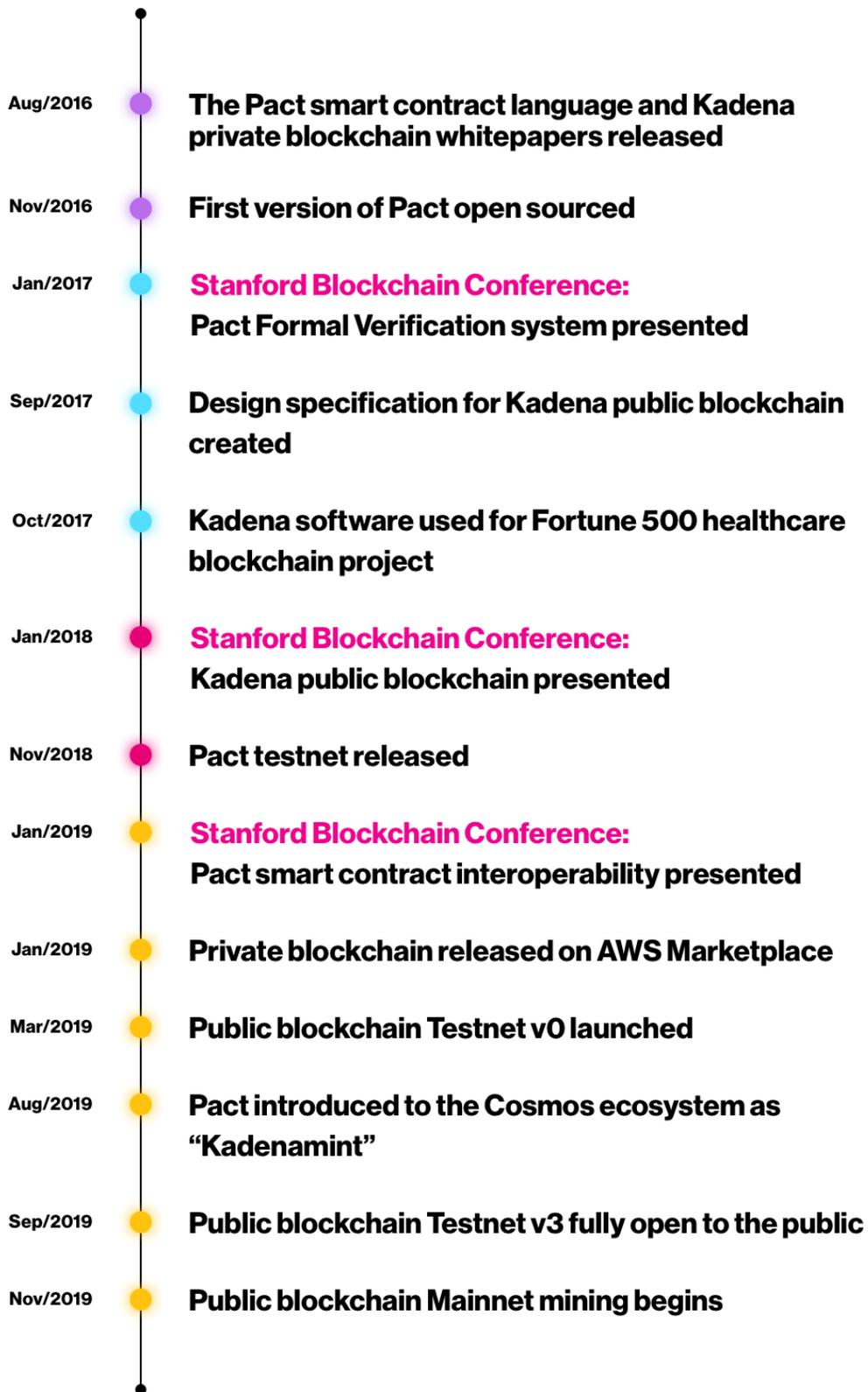
## Pact

The Pact smart contract language is the fabric that holds the Kadena ecosystem together, and it's the most powerful tool for creating applications on a blockchain. Pact is a mature language that was designed to be readable by non-developers and has been battle tested in production applications.

Pact already contains all of the features that other projects say they will develop eventually, including full Formal Verification of user code, error messages, contract upgradability, support for interoperability, and strong permission and access control.

Pact is the **future** global standard of smart contract development.

# Kadena's **Proven** Track Record



# Real Projects Use Kadena Software

Leading companies and blockchain projects are already using Kadena today in the financial services industry, DeFi, insurance, healthcare, and more.

C Ø S M O S

USCF  


 Rymedi

  
ALTEUM

*Riddle & Code*<sup>®</sup>  
THE BLOCKCHAIN INTERFACE COMPANY

## Industries

Financial Services ✓ Insurance ✓ Healthcare ✓ Real Estate ✓

Banking ✓ Supply Chain ✓ Government ✓ Internet of Things (IoT) ✓

# The team with the **right** expertise

The Kadena founders built JP Morgan's first blockchain. Now, Kadena is the first team to bring together engineers with decades of banking, commerce, and regulatory experience to public blockchain.



J.P.Morgan

Yale University



**Will Martino**  
Founder & CEO



**Stuart Popejoy**  
Founder & President



**Monica Quaintance**  
Head of Research & Networks



**Ben Jessel**  
Head of Growth



**Doug Beardsley**  
Director of Engineering



**Anagha Mercado**  
Head of Product



**Tony Pham**  
Head of Marketing

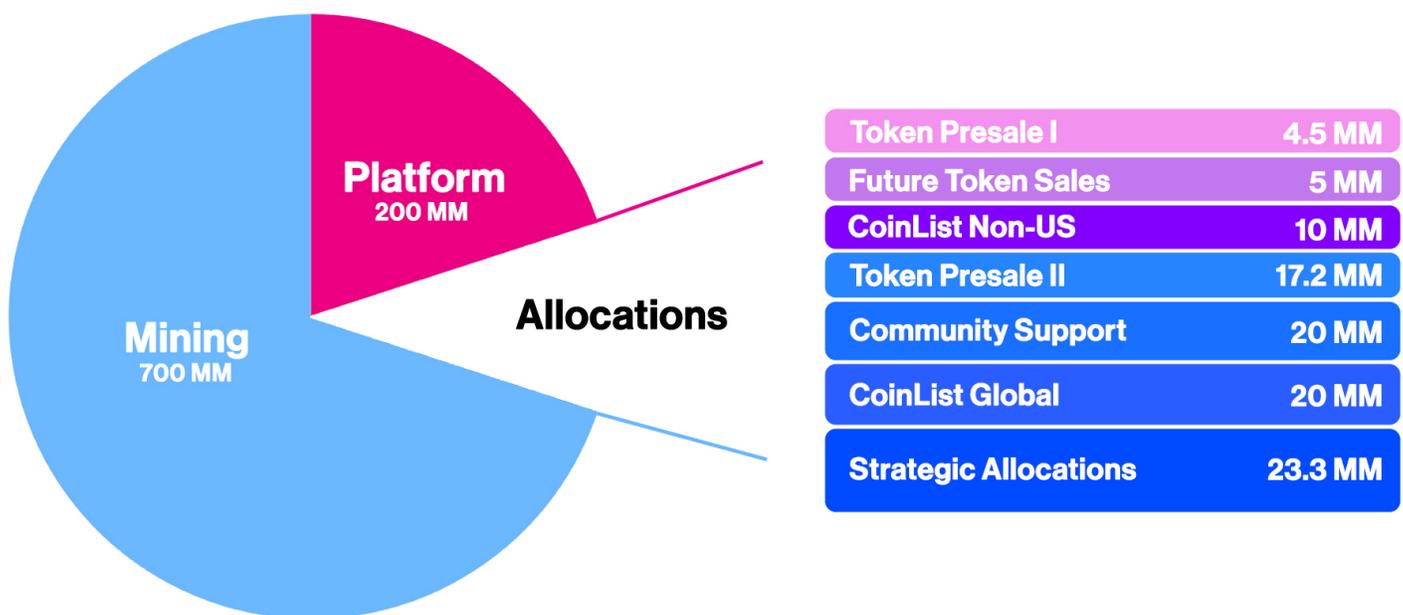


**Stuart Haber**  
Advisor/Co-Inventor of Blockchain  
Most cited author in the Bitcoin whitepaper

# The Kadena Token

The Kadena token (KDA) is a digital currency that is used to pay for compute of the Kadena public chain. Similar to ETH on Ethereum, KDA on Kadena is the manner by which miners are compensated for mining blocks on the network and is the transaction fee that users pay in order to have their transactions included in a block.

Applications processing volumes of transactions on the high-throughput, scalable Kadena network will execute their smart contract code using the native Kadena token. As more applications join or interoperate with the Kadena network, the number of smart contracts executed grows, as does the utility of the Kadena token.



# Press

## Bloomberg

Bloomberg TV: Monica Quaintance on the State of Crypto

## coinbase

Coinbase continues to explore support for new digital assets (including Kadena)

## coindesk

Kadena to Go Live In October with \$3 Billion Asset Manager Onboard

## Forbes

JPMorgan Blockchain Spin-Off Analyzed By High Frequency Trading Specialists

## FORTUNE

JP Morgan Alums Launch 'Blockchain as a Service' on AWS

## TechCrunch

Kadena brings free private blockchain service to Azure Marketplace

The New York Times



# Investors

PRIMITIVE

METASTABLE

MULTICOIN CAPITAL  
.....

SIG  
SUSQUEHANNA

SCALAR CAPITAL

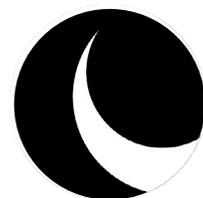
DEVONSHIRE  
INVESTORS

CoinFund

SVAngel



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