CONNECT. COMPUTE. CONDUIT

Welcome to Conduit

Conduit is building the **world's first decentralized quantum cloud-computing platform** to meet the world's need for efficient, scalable, and flexible computing capacity. We bring:

1. Fast, affordable cloud computing
2. Quantum computing on the cloud.

Conduit is bringing Quantum to the cloud

▶ World's first decentralized Quantum cloud-computing initiative of Massachusetts Institute of Technology (MIT) alumni

▶ Founded by first MIT-trained Quantum computing engineer and advised by leading pioneer in quantum computing Scott Aaronson

▶ Developing the "AirBnB for cloud computing", and will be the first to make Quantum computing available globally

Cloud services market is on-track to double by 2020 from 2016*

$411B
$219B
2016   **2020**
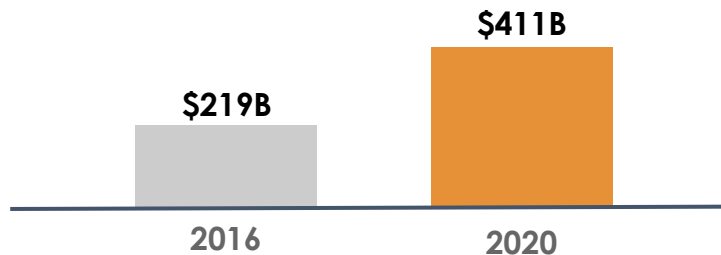
Nearly 50% of earth is online and increasing penetration will strain inflexible, weak systems and challenge global resource availability**

3.60B
3.42B
3.25B
2016   **2017**   **2018**
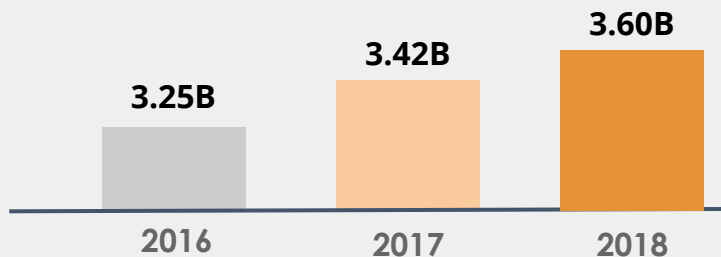
Players are rushing to quantum computing market, but are developing incomplete, expensive solutions

Alphabet

IBM

DELL

Microsoft

D:WAVE

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Conduit is a decentralized network that harnesses the world's extra computing capacity to provide unlimited computing power.

We are the Airbnb of Cloud Computing.

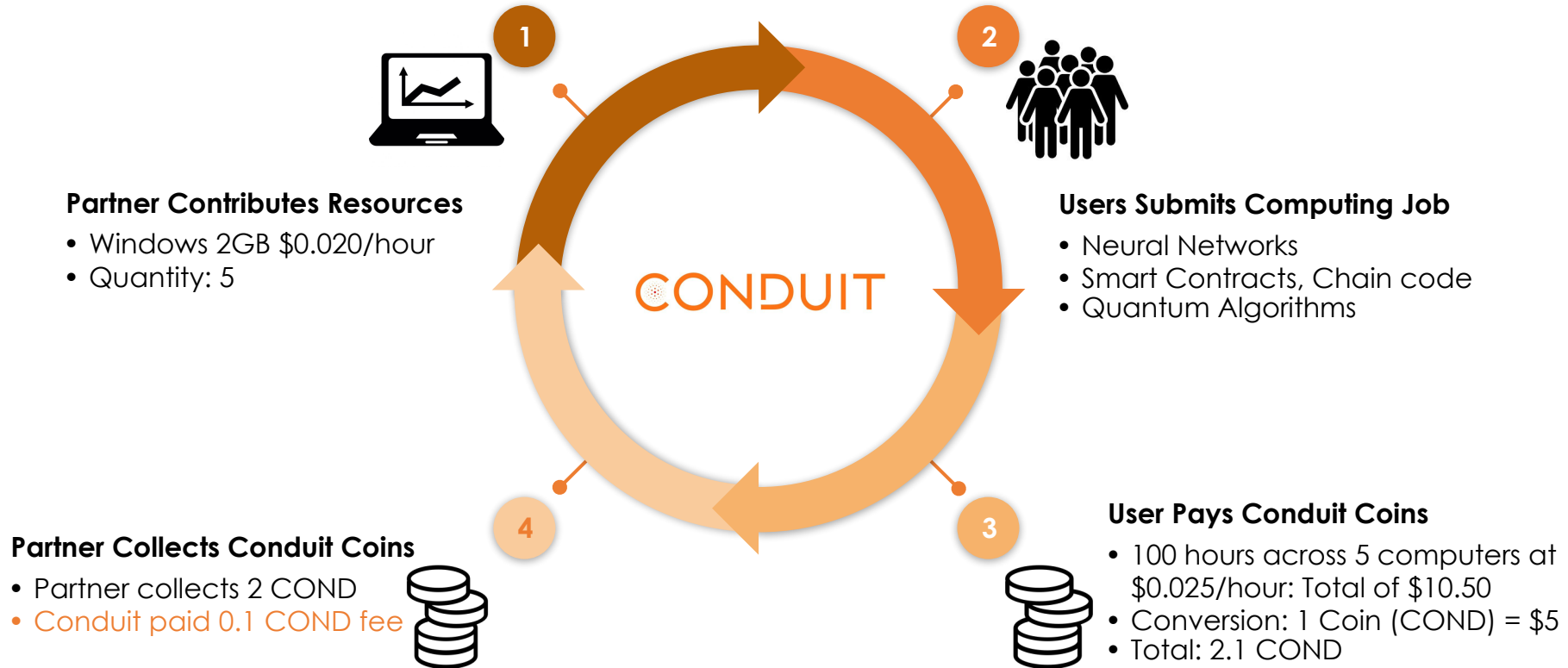# CONDUIT is...

1 Unlimited quantum computing power across our proprietary, global network

2 Scalable, flexible service providing the right amount of capacity at the right time

3 Unparalleled, dual-sided security for users and partners

4 Broadly accessible through low cost and easy-to-use interfaces

5 A passionate, capable team backed by world-class advisors and MIT academics

Conduit is AirBnB of Cloud Computing: How it works

Partner Contributes Resources
- Windows 2GB $0.020/hour
- Quantity: 5

Users Submits Computing Job
- Neural Networks
- Smart Contracts, Chain code
- Quantum Algorithms

User Pays Conduit Coins
- 100 hours across 5 computers at $0.025/hour: Total of $10.50
- Conversion: 1 Coin (COND) = $5
- Total: 2.1 COND

Partner Collects Conduit Coins
- Partner collects 2 COND
- Conduit paid 0.1 COND fee

A future with Conduit

IoT Quantum computing will make a dynamic impact on the Internet of Things by speeding information processing - making smart products and services even *smarter*

Large tech companies simulate applications across multiple instances and geographies without harming productivity of internal computing resources **App Developers**

CONDUIT

Public Health Government organizations have improved visibility around the health of their populations and are able to act on better insights to avert major health crises

Bankers collect and synthesize data more quickly - helping them to optimize portfolio risk and drive better trading decisions **Wall Street**

Pharma With modern computers, it takes a long time for researchers to match molecules but quantum computing will help them discover life-saving medicines faster

Conduit provides **Security**

We provide unparalleled security without harming user experience.

- Conduit protects user's data with semantically secure encryption

- Conduit employs hardware-root-of-trust to guarantee computation integrity

- Our built-in privacy preserving protocol renders all computations data-oblivious, thus eliminating all side channel leakages

Conduit operates at **Scale**

We can take on a large, growing computational workload. Period.

- Current services cannot process more than 10 transactions / second, whereas Conduit can process ~100,000 transactions / second

- Conduit is a simple, scalable solution that allows users to find an optimal balance between their computing needs and budget

- Our users have real-time control / visibility of usage in through an intuitive interface

Conduit is **Decentralized**

We provide computing services on a decentralized network.

- Platform architecture built upon blockchain 4.0 technology so end-users can share and be compensated for computing resources

- Decentralized servers can reduce costs up to 80% vs. AWS*

- Governed by global community, eliminating "big brothers"

Conduit operates at **Scale**

We provide flexible, scalable computing solutions.

- Quantum deployment on network allows third-parties to create world's first quantum applications

- Quantum cloud service allows businesses to host powerful solutions across the globe

- 24/7 global support service to maintain network and respond to users for a quantum computer that never sleeps

Conduit's advanced blockchain technology

| Bitcoin *Blockchain 1.0* | Ethereum *Blockchain 2.0* | EOS *Blockchain 3.0* | **Conduit** ***Blockchain 4.0*** |

- Simple ledger that records transactions

- Smart Contracts

- High performance
- Cross node
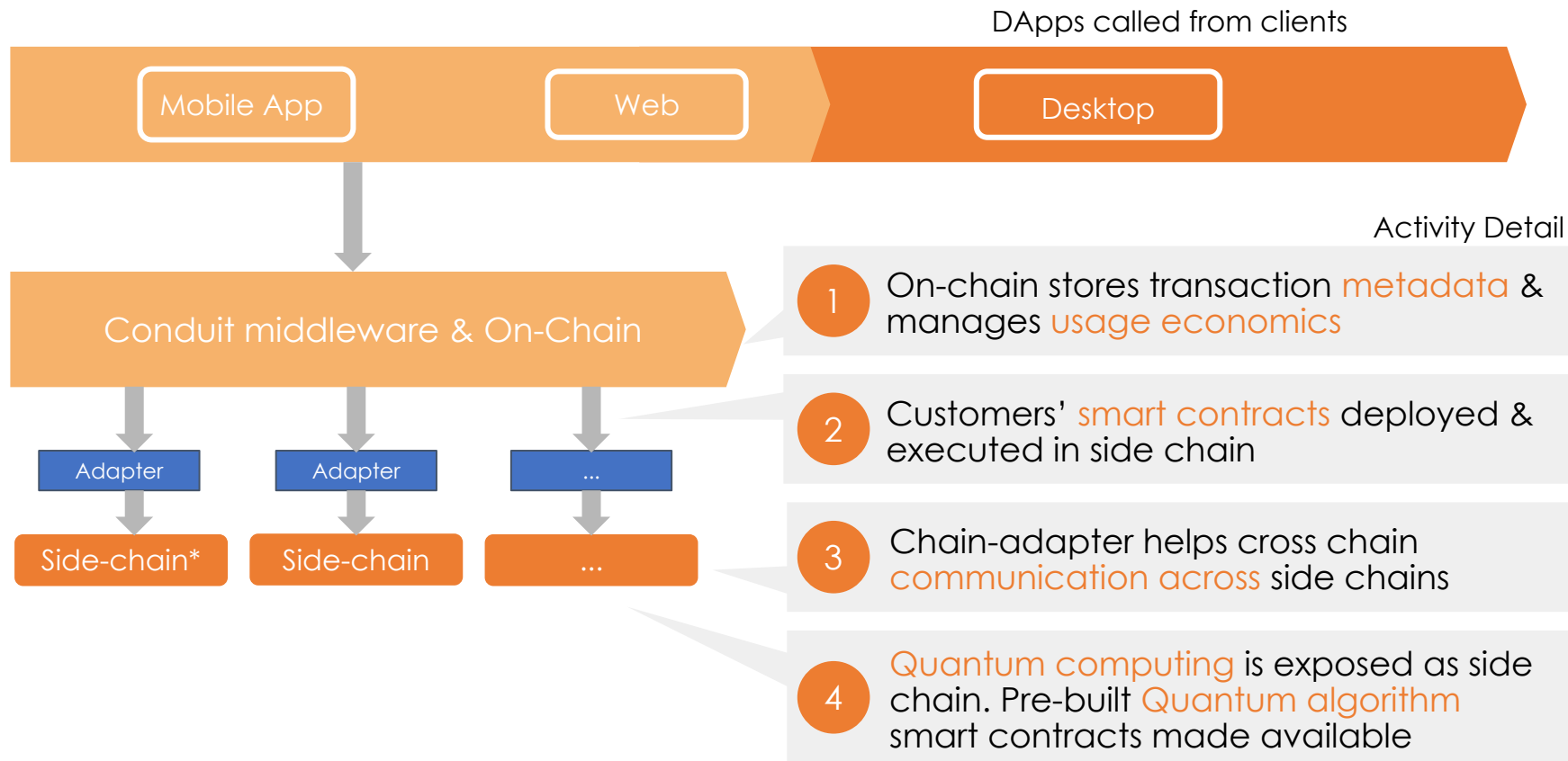- Cross Chain

- Quantum Computing between on-chain and off-chain
- Advanced Performance
- Privacy-preserving computing

Our Blockchain Architecture

DApps called from clients

| Mobile App | Web | Desktop |

Activity Detail

Conduit middleware & On-Chain

| Adapter | Adapter | ... |

| Side-chain* | Side-chain | ... |

1 On-chain stores transaction metadata & manages usage economics

2 Customers' smart contracts deployed & executed in side chain

3 Chain-adapter helps cross chain communication across side chains

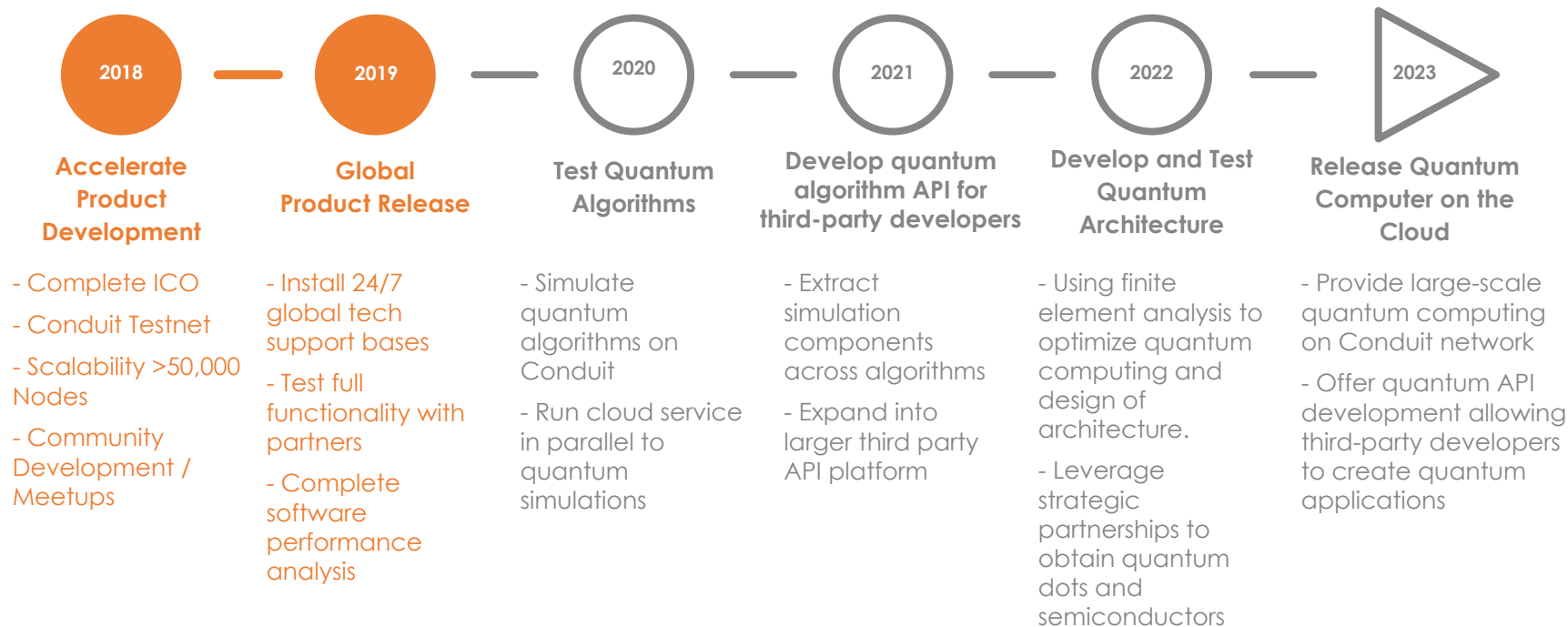**4** Quantum computing is exposed as side chain. Pre-built Quantum algorithm smart contracts made available

*Side chain can be Permission & Permissionless blockchain backed by Classic or Quantum Computing

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Flowchart

Product Roadmap

2018

Accelerate Product Development

- Complete ICO
- Conduit Testnet
- Scalability >50,000 Nodes
- Community Development / Meetups

2019

Global Product Release

- Install 24/7 global tech support bases
- Test full functionality with partners
- Complete software performance analysis

2020

Test Quantum Algorithms

- Simulate quantum algorithms on Conduit
- Run cloud service in parallel to quantum simulations

2021

Develop quantum algorithm API for third-party developers

- Extract simulation components across algorithms
- Expand into larger third party API platform

2022

Develop and Test Quantum Architecture

- Using finite element analysis to optimize quantum computing and design of architecture.
- Leverage strategic partnerships to obtain quantum dots and semiconductors

2023

Release Quantum Computer on the Cloud

- Provide large-scale quantum computing on Conduit network
- Offer quantum API development allowing third-party developers to create quantum applications

Conduit - Application Development Process

Phase 1: Cloud Computing (2018 - '22)

Phase 2: Quantum on the Cloud (2023 -)

Key Activities

- Launch inexpensive, scalable decentralized cloud computing services for key use cases

- Provide simple, transparent pay-per-use service to drive consumer adoption and utilization

- Create background application to preserve superior user experience for resource providers

- Develop parallel quantum computing infrastructure

Key Activities

- Introduce decentralized quantum computing services globally

- Strengthen flexible quantum platform to unite end users and facilitate exchange

- Provide third-party developers with building blocks and tools to create applications on Conduit platform

Architecture Overview

Application Development Process

ICO Details

80% Publicly Offered

- 15.0%
- 20.0%
- 20.0%
- 30.0%
- 15.0%

- ● ICO
- ● Pre-sale & Pre-ico
- ● Institutional Investors
- ● Quantum Public Sale (reserved)
- ● Management, Conduit Staff

Token Classification	*Utility*
Indicative Ticker	*COND*
Expected ICO Date	*May 16th-May 23rd (EST)*
Pre – ICO & Bonus	*April 10th-May 2nd (EST), 30% bonus*
Type of Token	*ERC-20*
Hardcap ICO	*300M COND*
Softcap ICO	*75 Million COND*
Minimum Purchase	*1000 COND*
Expected ICO Price	*2,200 COND = 1 ETH*
Investor Token Discounts	*100 to 500 ETH, 35% Bonus* *501 to 1,000 ETH, 40% Bonus* *1,501 to 2,500 ETH,50% Bonus* *2,501 to ETH, 60% Bonus*

Our Team

Ryan Robinson
CEO

MIT Information Theory and Quantum Computing

Selvakumar Esra
CTO

Head of Technology, Standard Chartered Bank,
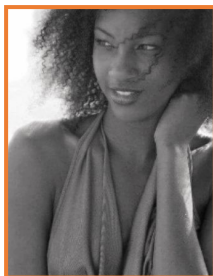Saïd Business School, University of Oxford

Julia Han
CMO

The Boston Consulting Group (BCG)Marketing

Wellesley College Political Science & Government
MIT Sloan School of Management

Scott Heng
Lead UI/UX Engineer

MIT
Sentient Technologies
Boeing

Ebonique Stepney
Community Manager

Team Management
Content Marketing
Writer

Hung Dang
Head of Cloud Security

PhD candidate, National University of Singapore

Applied Cryptography, Trusted Computing and Privacy Enhancing Technologies.

*Backed by team of seven architecture designers and software engineers.

Our Advisors

Daniel Santos
(Chief Token Advisor)

Co-Founder at Token Advisors and Member of the World Economic forum

Erik Martin
(Community Advisor)

General Manager of Reddit
2012 Time Magazine Most Influential People
Top 50 innovator by Adweek
Internet Infrastructure Coalition advisory board

Cristina Dolan
(Blockchain Advisor)

Co-Founder and COO at iXledger LTD.
Head of Corporate Marketing at TradingScreen.
General Partner at Rudyard Partners LLC.

Chuan Jin (C.J) Fong
(Strategic Investments)

Asia CEO and Co-Founder at Token Advisors
Morgan Stanley and Nomura across Sales & Trading and Private Wealth Management

Kanon Armstrong
(Marketing Advisor)

Experienced Tech Brand / Marketing Leader

Stuart Prior
(Europe Business Development)

Blockchain Advisor at Zilliqa
Deutsche Bank, CIO Global Rates and Credit Suisse, Director of Information Technology

Ashish Gaurav
(Token Growth)

Leading strategy and change management of Retail Banking's global investment portfolio (~$200 million) at Standard Chartered Bank

Carsten Stocker
(Vision Planning)

Founder of Spherity GmbH
Council Member of Global Future Network World Economic Forum
Machine Economy Innovation Programme

Corttrell Kinney
(Development Director)

Hyland William CEO

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Scott Aaronson
Lead Advisor on Quantum Computing

Scott Aaronson is a former Professor of Electrical Engineering and Computer Science at the Massachusetts Institute of Technology (MIT) and current David J. Bruton Centennial Professor of Computer Science at the University of Texas at Austin.

Considered one of the top quantum complexity theorists in the world, he is widely known for his research in quantum computing and computational complexity theory. His research and popular writing have earned him numerous awards, including the United States Presidential Early Career Award for Scientists and Engineers, the National Science Foundation's Alan T. Waterman Award, the Vannevar Bush Fellowship, and MIT's Junior Bose Award for Excellence in Teaching.

Past Technology Clients

Current Clients & Partners

Our technical team has developed solutions for the following organizations:

We are strategically partnering with the following organizations today:

Thank you.

Contact Information:
482 Beacon Street
Boston, MA 02115
Email: admin@conduitcomputing.com
Phone: (857) 318-9295

CONDUIT

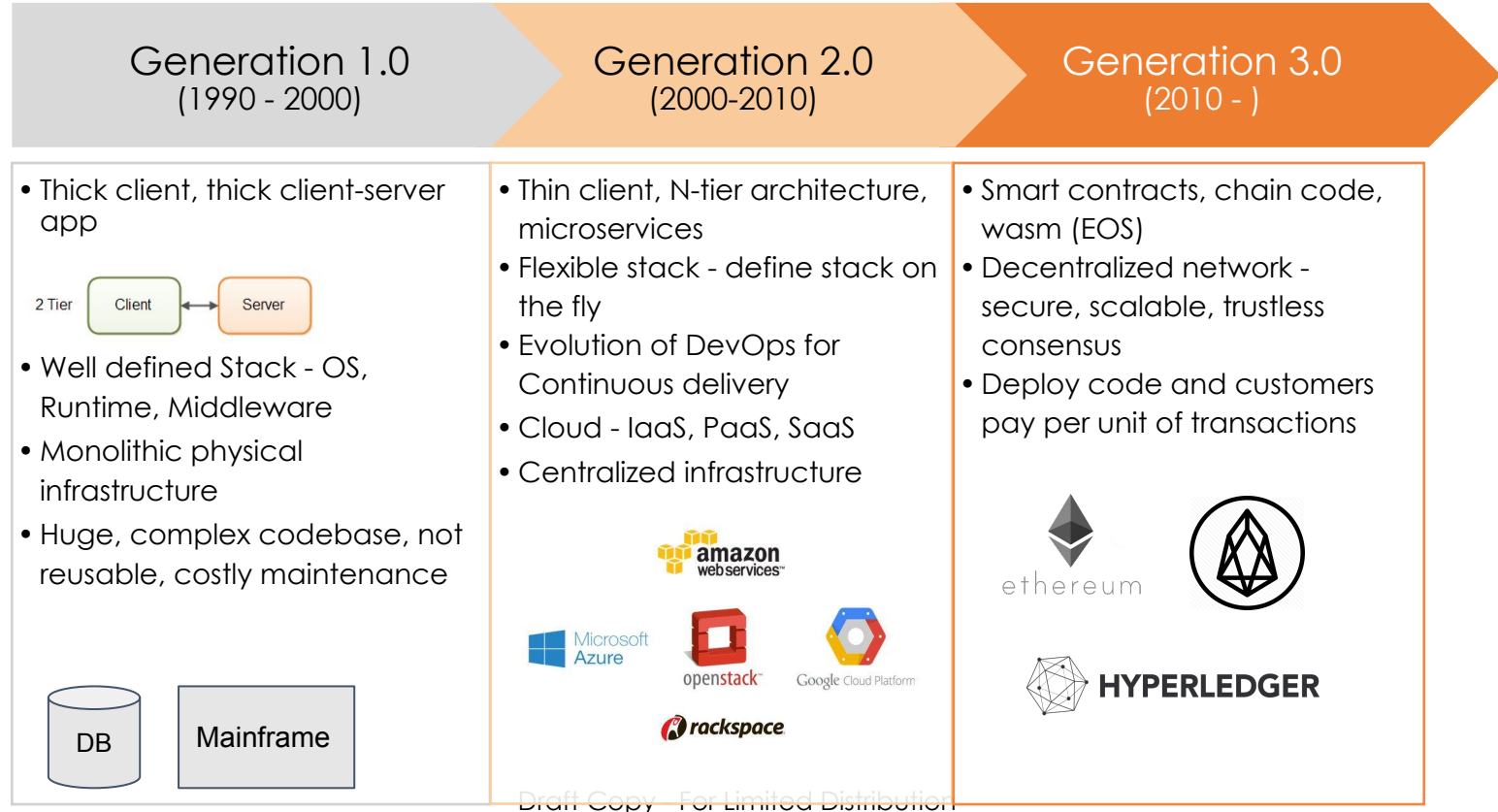Draft Copy - For Limited Distribution

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These forward-looking statements involve known and unknown risks, uncertainties and other factors that may cause the actual future results, performance or achievements of Conduit and/or its affiliates and/or its products to be materially different from any future results, performance or achievements expected, expressed or implied by such forward looking statements. These factors include, among others: (I) changes in political, social, economic and stock or cryptocurrency market conditions, and the regulatory environment in the countries in which Conduit conducts its respective businesses and operations; (II) the risk that Conduit may be unable to execute or implement their respective business strategies and future plans; (III) changes in interest rates and exchange rates of fiat currencies and cryptocurrencies; (IV) changes in the anticipated growth strategies and expected internal growth of Conduit; (V) changes in the availability, fees payable to, salaries of employees, future capital needs or preferences of customers of Conduit; (VI) war or acts of international or domestic terrorism; (VII) occurrences of catastrophic events, natural disasters or and other disaster that affect the business and/or operations of Conduit. 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Appendix

Existing Application Development Process

Generation 1.0 (1990 - 2000)	Generation 2.0 (2000-2010)	Generation 3.0 (2010 -)
• Thick client, thick client-server app	• Thin client, N-tier architecture, microservices	• Smart contracts, chain code, wasm (EOS)
	• Flexible stack - define stack on the fly	• Decentralized network - secure, scalable, trustless consensus
• Well defined Stack - OS, Runtime, Middleware	• Evolution of DevOps for Continuous delivery	• Deploy code and customers pay per unit of transactions
• Monolithic physical infrastructure	• Cloud - IaaS, PaaS, SaaS	
• Huge, complex codebase, not reusable, costly maintenance	• Centralized infrastructure	

Architecture Detailed View
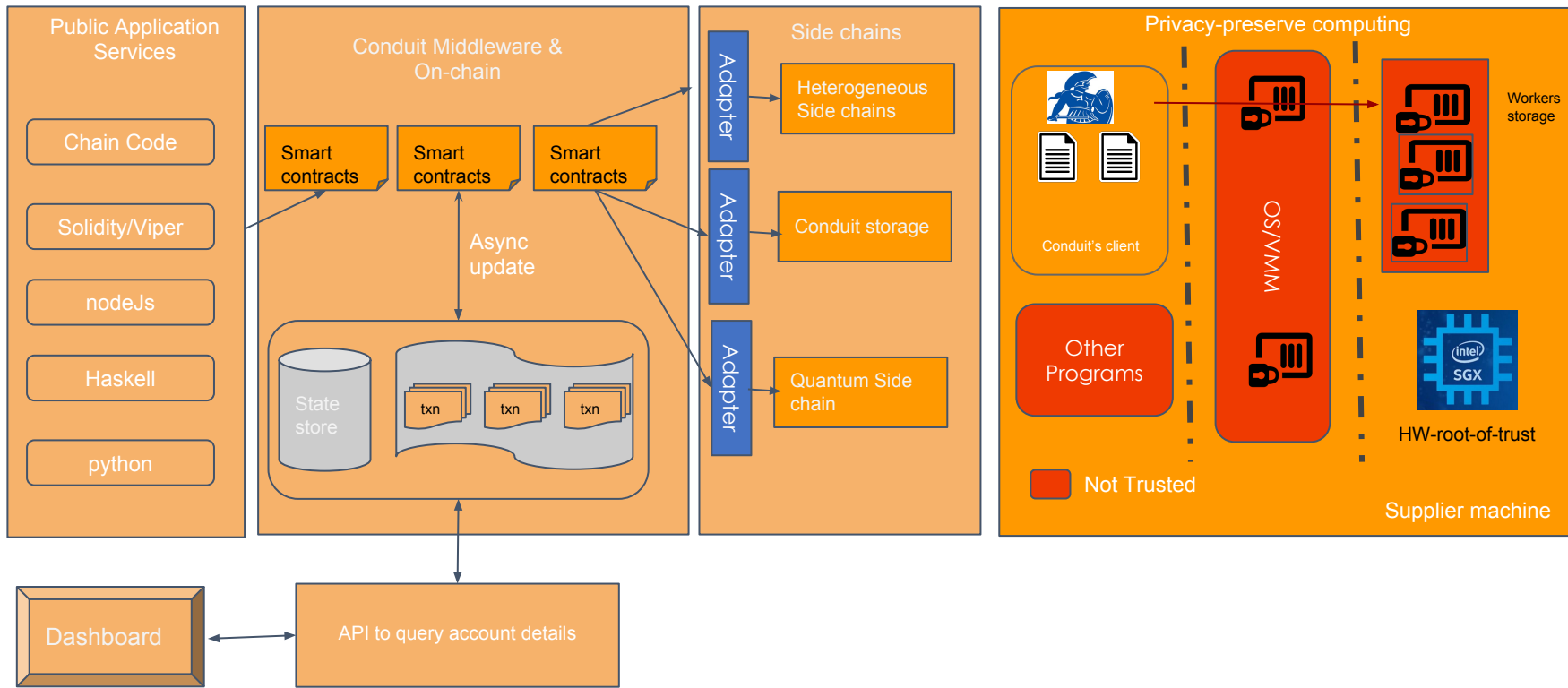
Public Application Services
- Chain Code
- Solidity/Viper
- nodeJs
- Haskell
- python

Conduit Middleware & On-chain
- Smart contracts
- Smart contracts
- Smart contracts

Async update

State store

txn | txn | txn

Side chains
- Adapter → Heterogeneous Side chains
- Adapter → Conduit storage
- Adapter → Quantum Side chain

Privacy-preserve computing

Conduit's client

Other Programs

OS/VMM

intel SGX

Workers storage

HW-root-of-trust

Not Trusted

Supplier machine

Dashboard ↔ API to query account details

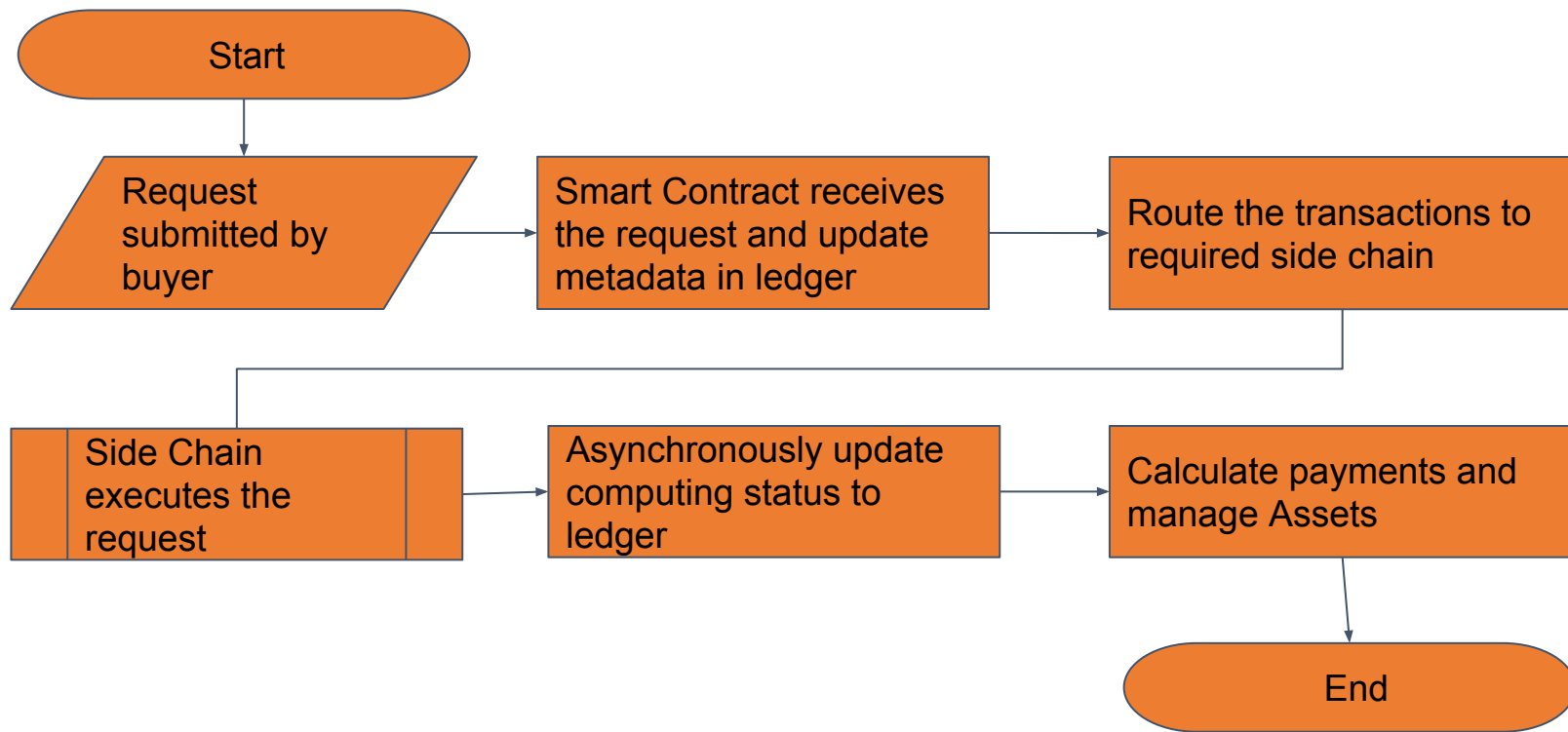*Side chain can be Permission & Permissionless blockchain backed by Classic or Quantum Computing

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Transaction Flowchart

Token Economics: Growth Journey of Conduit

-Cloud market is on track to double by 2020 as per Gartner, we have assumed a 30% growth rate for next 2 years

-Serviceable Available Market is SMEs and smaller clients for initial years, we aim to target the entire market by Year 5

-Serviceable Obtainable Market is assumed at a conservative market share and 30% YoY growth

	2018	2019	2020	2021	2022
Total Available Market	305	355	412	536	696
				30% Growth	30% Growth
Serviceable Available Market	MVP	Launch	60%	75%	100%
			247	402	696
Serviceable Obtainable Market	-	-	0.05%	0.065%	0.085%
	-	-	124	261	588
Expected Market Cap - Conservative	75	95	124	261	588
Growth %	-	-	30%	175%	519%

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