



ORBS

CONSUMER
GRADE BLOCKCHAIN

The Opportunity

By 2020 leading mainstream applications will bring decentralized services to billions of consumers



Payments

Solve compliance,
(Playtech)



Social

Build communities,
(Kik)



Games

Virtual goods,
(Zynga)



Adtech

Cut the middle man,
(IronSource)

The Problem

There is no infrastructure that can currently support all of their needs

Blockchain 1.0

Make it work



Blockchain 2.0

Make it general purpose



Blockchain 3.0

Make it business applicable



Challenges:

Scale, Fees, Compliance, Updates, Mobile clients, Appstore policies, Miner politics, Privacy



THE SOLUTION

A Dedicated infrastructure designed to transition
large consumer applications into Blockchain

Our Approach

Requirement driven, Holistic solution,


Integrated accountability

Ethereum ecosystem:

- Build infrastructure then find a use case
- Develop DAPP then find users



Orbs ecosystem:

- Find a use case then develop
- Have a large user base then build DAPP



What is orbs?

Orbs is a decentralized blockchain infrastructure empowering leading consumer applications to bring blockchain to the mass market



Core Technology

Scalability

Completion time, transaction rate, fees, mobile users

Compliance

Transaction tracking, privacy

Rapid Upgrades

Gradual rollouts, rollbacks, no lock-ins, API interfaces

Architectural Diagram

Standard Interface Protocol (Tokens, etc)			Abstract
Gossip			Type II Nodes
Consensus		VM	
Sidechain Connector	Chain Persistence	State Storage	Type I Nodes
Sidechain	Raw Storage		

Competitive Analysis

Requirements Driven

Tezos



No Scale



ethereum



Scale



EOS



Byteball



Non Requirements Driven

Building An Ecosystem



- An open source project is as strong as its core team and ecosystem
- CoinTree is amongst the top3 ICO advisory firms in the world
- Alignment is the “Consensys” of Orbs



Roadmap



Q4
2017

Pre Sale



Q1
2018

ICO and TestNet live with
first consumer app

Q2
2018


Production scale with
first consumer app

Q3
2018

Compliance and
smart contracts

Q4
2018

First migration feature:
Gradual versions
upgrades



Our Team



DANIEL PELED
PRESIDENT

Co-Founder and CEO at PayKey, an Israeli Fintech startup with investors such as MasterCard and Santander InnoVentures. Veteran member of the Israeli Bitcoin community and the first person in Israel to ICO a blockchain company. Holds Masters in law and Economics.



TAL KOL
CO-FOUNDER & CTO

Full-stack software engineer with expertise in native iOS/Android and security. Innovator, tech lead and entrepreneur; co-founder of two technology companies, the latter acquired by Wix.com. Holds BSc summa cum laude in Electrical Engineering from the Technion.



URIEL PELED
CO-FOUNDER, VP PARTNERSHIPS & HEAD OF COINTREE

Co-founder at Visualead, an Israeli O2O and IoT startup with investors such as Alibaba. Formerly a team leader in Mellanox, a leading Israeli high-tech company. Holds BSc summa cum laude in Electrical Engineering from the Technion university.



ORI ROTTENSTREICH
CHIEF RESEARCH OFFICER

Researcher whose focus is on network algorithms. In 2015-2017 Ori was a Postdoctoral Research Fellow at the department of Computer Science, Princeton university. He received the BSc in Computer Engineering (summa cum laude) and PhD degree from the Technion.



RAN MELAMED
COO

Former founder & CEO of Tingz.me, a technology startup. Investment team member at Viola Growth and a financial professional in various Israeli companies. Holds BSc in Physics and MA in Economics. Veteran of an elite section of IDF 8200.



ODED NOAM
CHIEF ARCHITECT

Head of cryptocurrency architecture, algorithms and models. Founder of VidWatch and PhraseTech, technology startups. Senior engineering and management positions at Mobixell Networks, Adamind, Schema and Gate42. Holds BSc (cum laude) in Maths.

Our Team



KFIR DAMRI
CHIEF STRATEGY & INNOVATION

Founder of SpaceLL, working to land the first non-governmental spacecraft on the moon. Mentor and public speaker on entrepreneurship and strategic thinking. Cyber-security and computer networking expert. Board member and advisor in several startups.



LEONID BEDER
VP R&D

Leading security and engineering, focusing on system security, cryptocurrency systems, and various blockchain protocols and implementations. An all-around player and a technology geek with proven experience in management and hands-on development.



DAVID YAKIRA
HEAD OF RESEARCH

M.Sc in Prof. Amnon Shashua's Deep Learning lab in the Hebrew University of Jerusalem. Holds a B.Sc summa cum laude in Mathematics and Physics also from HUJI.



RONEN TAMARI
RESEARCHER

M.Sc in Prof. Amnon Shashua's Deep Learning lab in the Hebrew University of Jerusalem. Holds a B.Sc in Computer Engineering, also from HUJI. Worked as a software developer in a startup using computer vision algorithms to assist law enforcement. Served in an elite technological unit of the IDF Intelligence Corps.



GAD COHEN
RESEARCHER

M.Sc in Computer Science at the Hebrew University of Jerusalem. Former Chief Software Engineer at Artsignet, Software Developer at NDS. Holds a B.Sc in Computer Science and Psychology also from HUJI.



MAYA LESHKOWITZ
RESEARCHER

Researcher at Orbs. Holds MSc from Weizmann Institute of Science in the field of theory of Computer Science under the supervision of Prof. Oded Goldreich. Holds BSc (cum laude) in Mathematics and Computer Science from the Hebrew University of Jerusalem.

Our Team



AVI ASAYAG
RESEARCHER

Finishing a B.Sc in Mathematics, Physics and Computer Science, at the Hebrew University. A former CTO at Moveo Group and a full stack software developer.



NAAMA HADAD
DATA SCIENTIST

Economist and Data analyst. Formerly Algorithms engineer in Altair, programmer and algorithms engineer at the Prime minister office. Holds BSc summa cum laude in Electrical Engineering and Computer Science from the Tel-Aviv university and MSc magna cum laude.



JONATHAN NOAM
CHIEF COMMERCIAL OFFICER

With 25 years of experience as entrepreneur and executive Jonathan was involved in various capacities in the start-up and management of companies such as Internet Gold (Israel's then-leading ISP) and Spacecom - Operator of AMOS satellites.



OFIR AVIGAD
HEAD OF MARKETING

Ofir bought his first Bitcoin in 2013, and has since created 3 complementary currency networks in Tel Aviv & San Francisco. He is a regular speaker on Digital Growth and Virtual Currencies. He is the creator of an online social innovation community with 50K members.



OREN DE-LANGE
HEAD COMMUNITY MANAGER

Head of Community Management Orbs. Active crypto enthusiast since 2014. Holds an LLB in Law and B.A in Business Administration, both cum laude, from IDC Herzliya.



DISHENG ZHENG
COMMUNITY MANAGER ASIA

Asia Community Manager. Previously Overseas Technology Director at TyonTech, a leading Chinese surface engineering company. Big Data Engineer at Yaspeed. Design Engineer at AT&T. Holds M.Sc Information Science, Cornell University.

Our Team



ELAD ARAD

DIRECTOR OF BD

Business Development and finance. Specializes in international Investment banking and m&a deals. Formerly second secretary at the Israeli foreign affairs office. Holds B.A in business and management.



AMIR CHETRIT

ETHEREUM FOUNDER

Ethereum Founder. Military intelligence data security background. Blockchain technology consultant and finance professional. Advisor to over a dozen successful leading cryptocurrency token sales. Co-founder of the Israeli Bitcoin community.



BAR CHETRIT

PEOPLE AND OPERATION MANAGER

Formerly HR manager at a real estate Start-up company. People oriented person and passionate about relationship building. Holds B.A in Behavioral sciences, majoring in Human Resources from Tel-Aviv-Jaffa Academic College.

The image features a dark blue background. In the center is a sphere constructed from a network of white lines connecting small white dots, creating a wireframe or geodesic dome effect. Two thin, horizontal white lines intersect the sphere. Scattered around the sphere are several triangular shapes in shades of teal and light blue. The text "THANK YOU" is centered horizontally across the sphere in a white, sans-serif font.

THANK YOU