



*ON PAL EXPRESS*

# UNDERSTANDING CRYPTOCURRENCY AND THE OPX ECOSYSTEM: A COMPREHENSIVE OVERVIEW

# BRIEF HISTORY OF CRYPTOCURRENCY & BITCOIN






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# INTRODUCTION

## The adoption of crypto ATMs

Key:

 Crypto ATMs  ATMs per 100,000 people  Increase in crypto ATMs since 2020



Country		Country		Country	
1 United States	33,639	1 United States	9.9	1 Brazil	2,500%
2 Canada	2,640	2 Canada	6.9	2 Turkey	1,300%
3 Spain	269	3 Hong Kong	1.9	3 Australia	1,163%
4 Australia	240	4 Switzerland	1.8	4 United Arab Emirates	600%
5 Poland	223	5 Austria	1.4	5 United States	403%
6 Switzerland	155	6 Australia	0.9	6 Mexico	350%
7 Romania	152	7 Romania	0.8	7 Taiwan	300%
8 Hong Kong	146	7 Ireland	0.8	7 Japan	300%
9 Austria	127	9 Greece	0.6	9 Poland	272%
10 Germany	108	9 Spain	0.6	10 Spain	228%

THE RISE OF THE CRYPTOCURRENCY MARKET HAS BEEN A BOOM FOR MANY COMPANIES AND INVESTORS ALIKE. OVER THE LAST FEW YEARS, THE NUMBER OF DIGITAL ASSETS HAS GROWN EXPONENTIALLY, AND MANY COUNTRIES HAVE ACCEPTED IT'S USED IN TODAY'S WORLD.

THIS PRESENTATION WILL HIGHLIGHT A COMPREHENSIVE AND BRIEF HISTORY OF CRYPTOCURRENCY, IT'S USE IN TODAY'S WORLD, THE CURRENT INCREASED IN COUNTRIES THAT IS CONTINUING TO ADOPT ON THIS CURRENT DIGITAL ASSET AND WHAT WILL BE THE PART OF ON PAL EXPRESS (OPX) IN ALL OF IT.

***ON PAL EXPRESS (OPX) IS A CRYPTOCURRENCY COMPANY THAT IS FOCUSED ON TURNING NFTS INTO REALITY. THEY ARE DEVELOPING PLATFORM THAT WILL ENABLE INDIVIDUALS AND BUSINESSES TO USE NFTS TO TRANSFER DIGITAL ASSETS. NFTS ARE A TYPE OF DIGITAL ASSET THAT IS TOKENIZED AND STORED ON A BLOCKCHAIN.***

THIS PRESENTATION ALSO WOULD HIGHLIGHT AN IN-DEPTH LOOK INTO THE ON PAL EXPRESS (OPX) COMPANY, ITS ECOSYSTEM, HOW IT WORKS, AND SOME OF IT'S PROJECTS AND WORKS AS OF TODAY.

# Crypto adoption countries

Key:

- 👤 Crypto adoption rate
- 📈 Increase in crypto adoption since 2020
- 🔍 Google searches per 100,000 people
- 🔍 Increase in monthly searches since 2020
- 🏪 Crypto ATMs
- 📈 Increase in crypto ATMs since 2020
- 📌 Legality score
- 📄 Cryptocurrency articles per 100,000 people
- ★ Crypto-ready score /10

Country	👤	📈	🔍	🔍	🏪	📈	📌	📄	★
1 Australia	18%	10%	312	196%	240	1,163%	2	6.8	7.37
2 United States	16%	10%	206	166%	33,639	403%	2	7.5	7.07
3 Brazil	24%	13%	13	355%	25	2,500%	2	1.5	6.81
4 United Arab Emirates	34%	24%	267	261%	6	600%	1	0.1	6.41
5 Hong Kong	16%	5%	307	209%	146	152%	2	7.6	6.40
6 Taiwan	14%	9%	82	278%	40	300%	1	7.9	6.20
7 India	25%	16%	34	316%	2	100%	2	1.4	6.12
8 Canada	14%	9%	264	185%	2,640	225%	1	3.8	6.10
9 Turkey	40%	24%	21	123%	14	1,300%	1	11.9	6.07
10 Singapore	25%	15%	540	234%	0	0%	2	5.1	6.02
11 Greece	18%	7%	142	262%	67	20%	2	1.5	5.99
12 Spain	16%	7%	49	159%	269	228%	2	1.7	5.71
13 Thailand	44%	26%	40	336%	4	-33%	1	0.9	5.61
14 Switzerland	20%	9%	170	122%	155	89%	2	0.6	5.51
15 Philippines	29%	9%	60	186%	13	225%	2	0.5	5.41
16 Romania	14%	8%	121	269%	152	217%	2	0.0	5.31
17 Netherlands	20%	10%	326	196%	20	-62%	0	1.5	5.28
18 Hungary	12%	6%	88	287%	46	10%	2	3.0	5.15
19 Argentina	35%	21%	21	124%	13	8%	1	1.6	5.03
20 Finland	12%	7%	144	222%	15	50%	2	1.1	4.82
21 Italy	11%	6%	93	342%	79	32%	2	0.7	4.77
22 Japan	13%	9%	16	162%	3	300%	2	2.8	4.57
23 New Zealand	15%	10%	250	126%	1	0%	2	2.7	4.52
24 Belgium	15%	9%	212	215%	2	-88%	2	0.9	4.51
25 South Africa	24%	6%	48	115%	21	133%	2	0.8	4.49

THESE ARE SOME COUNTRIES THAT ADOPTED CRYPTOCURRENCY AND/OR SHOWED INTEREST IN ADOPTING THIS DIGITAL ASSET SYSTEM.

# Crypto Interest

Key: 🔍 Google searches per 100,000 people

The countries most interested in crypto



Singapore

The countries where crypto interest is rising the quickest



Morocco

Country	🔍
1 Singapore	540
2 Netherlands	326
3 Australia	312
4 Hong Kong	307
5 Ireland	290
6 United Kingdom	282
7 United Arab Emirates	267
8 Canada	264
9 New Zealand	250
10 Belgium	212
11 United States	206
12 Switzerland	170
13 Lithuania	154
14 Finland	144
15 Greece	142
16 Norway	140
17 Serbia	131
18 Denmark	125
19 Portugal	121
19 Romania	121
21 Sweden	116
22 Malaysia	112
23 Italy	93
24 Austria	89
25 Hungary	88

Country	🔍
26 Taiwan	82
27 Philippines	60
28 Germany	59
29 Spain	49
30 South Africa	48
31 Thailand	40
32 Morocco	36
33 Poland	35
33 Indonesia	35
35 India	34
36 Saudi Arabia	33
37 Kenya	29
38 Argentina	21
38 Turkey	21
40 Nigeria	19
41 South Korea	17
41 Pakistan	17
43 Japan	16
44 Dominican Republic	15
45 Brazil	13
45 Mexico	13
47 Colombia	11
48 Peru	8
48 Egypt	8
50 China	0

# BRIEF HISTORY OF CRYPTOCURRENCY



MANY PEOPLE ARE SURPRISED TO LEARN THE IDEA OF CRYPTOCURRENCY BEGAN DECADES BEFORE THE **2008 BITCOIN WHITEPAPER**. ALTHOUGH BITCOIN REMAINS THE MOST SUCCESSFUL CRYPTO TO DATE, MANY FAILED PROJECTS LED TO ITS CREATION.

SOME TECH HISTORIANS CLAIM THE DUTCH RESEARCHERS WERE THE FIRST TO DABBLE WITH DIGITAL CURRENCIES, BUT **UC BERKELEY'S DAVID CHAUM** WAS THE PIVOTAL FIGURE IN CRYPTO'S EARLY DEVELOPMENT. IN **1982**, CHAUM PUBLISHED A PAPER TITLED "**COMPUTER SYSTEMS ESTABLISHED, MAINTAINED, AND TRUSTED BY MUTUALLY SUSPICIOUS GROUPS**," WHICH LAID THE GROUNDWORK FOR FUTURE DEVELOPMENTS IN THE BLOCKCHAIN SPACE.

LATER, IN **1990S** HE RELEASED A DIGITAL CURRENCY CALLED "**ECASH**" THROUGH HIS COMPANY **DIGICASH** TO PUT HIS THEORIES AND INVENTION CALLED THE "**BLINDING FORMULA**". THIS SUCCESSFULLY DEMONSTRATED HOW IT CAN SECURELY SEND AND RECEIVE DIGITAL TOKENS WITHOUT A CENTRAL AUTHORITY. THIS IS WHAT CRYPTOCURRENCY IS ALL ABOUT. **IT IS DESIGNED TO WORK AS A MEDIUM OF EXCHANGE THROUGH A COMPUTER NETWORK THAT IS NOT RELIANT ON ANY CENTRAL AUTHORITY, SUCH AS A GOVERNMENT OR BANK, TO UPHOLD OR MAINTAIN IT.**

THIS ECASH ATTRACTED THE ATTENTION OF OTHER COMPANIES LIKE **MICROSOFT** BUT DIGICASH RUNS OUT OF FUNDS ON **1998**. STILL, THE INVENTION OF ECASH SPUR FURTHER DEVELOPMENT IN THE BLOCKCHAIN SPACE.

THIS STARTED FOR MANY DEVELOPERS TO TRIED AND RE-CREATE THEIR OWN DIGITAL TOKEN THAT WOULD MIMIC THE PRICE STABILITY OF GOLD. FOR EXAMPLE, **EGOLD AND BIT GOLD EMERGED IN THE LATE 1990S**. ALTHOUGH THESE TOKENS WEREN'T SUCCESSFUL, THIS WOULD INFLUENCE **SATOSHI NAKAMOTO, THE INVENTOR OF BITCOIN** TO EMULATE THE SAME PROPERTIES OF GOLD, ESPECIALLY IT'S SCARCITY IN DEVELOPING BITCOIN.



# FIRST ELECTRONIC CASH PAYMENT "ECASH"

[publications](#) [press releases](#)

## World's first electronic cash payment over computer networks.

Copyright © 1994 by DigiCash bv.

FOR IMMEDIATE RELEASE (Release Date: May 27, 1994)

Payment from any personal computer to any other workstation, over email or Internet, has been demonstrated for the first time, using electronic cash technology. "You can pay for access to a database, buy software or a newsletter by email, play a computer game over the net, receive \$5 owed you by a friend, or just order a pizza. The possibilities are truly unlimited" according to David Chaum, Managing Director of DigiCash TM, who announced and demonstrated the product during his keynote address at the [first conference on the World Wide Web](#), in Geneva this week.

Electronic cash has the privacy of paper cash, while achieving the high security required for electronic network environments exclusively through innovations in public key cryptography. "Its the first software only solution. In the past we've pioneered such cash for chip cards and electronic wallets, always with a tamper-resistant chip for storing the value--now all you have to do is download the software and you're up and running" continues Dr. Chaum.

The product works with Microsoft(R) Windows(TM), Macintosh(TM), and most UNIX(TM) platforms. It was shown integrated with Mosaic, the most popular software for people accessing databases, email, or other services on the Internet and World Wide Web. The graphic user interface allows intuitive "dragging and dropping" of icons representing stacks of coins, receipts, record books, etc.

The company will be supplying the technology through other firms who will release the products, under various cooperation and trial programs. The user software, which allows both paying and receiving payment, will be distributed free of charge.

The product was developed by DigiCash(TM) Corporation's wholly owned Dutch subsidiary, DigiCash(TM) BV. It is related to the firm's earlier released product for road pricing, which has been licensed to Amtech(TM) Corporation, of Dallas, Texas, worldwide leader in automatic road toll collection. This system allows privacy protected payments for road use at full highway speed from a smart card reader affixed to the inside of a vehicle. Also related is the approach of the EU supported CAFE project, of which Dr. Chaum is Chairman, which uses tamper-resistant chips inserted into electronic wallets.

The underlying 'blind signature' technology was described in the article "[Achieving Electronic Privacy](#)," by David Chaum, Scientific American, August 1992.

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**1994**

ORIGINAL TECHNICAL TEAM, FROM  
LEFT TO RIGHT: **MARIUS, PAUL,  
BRANKO, KAI, AND MERCAL.**

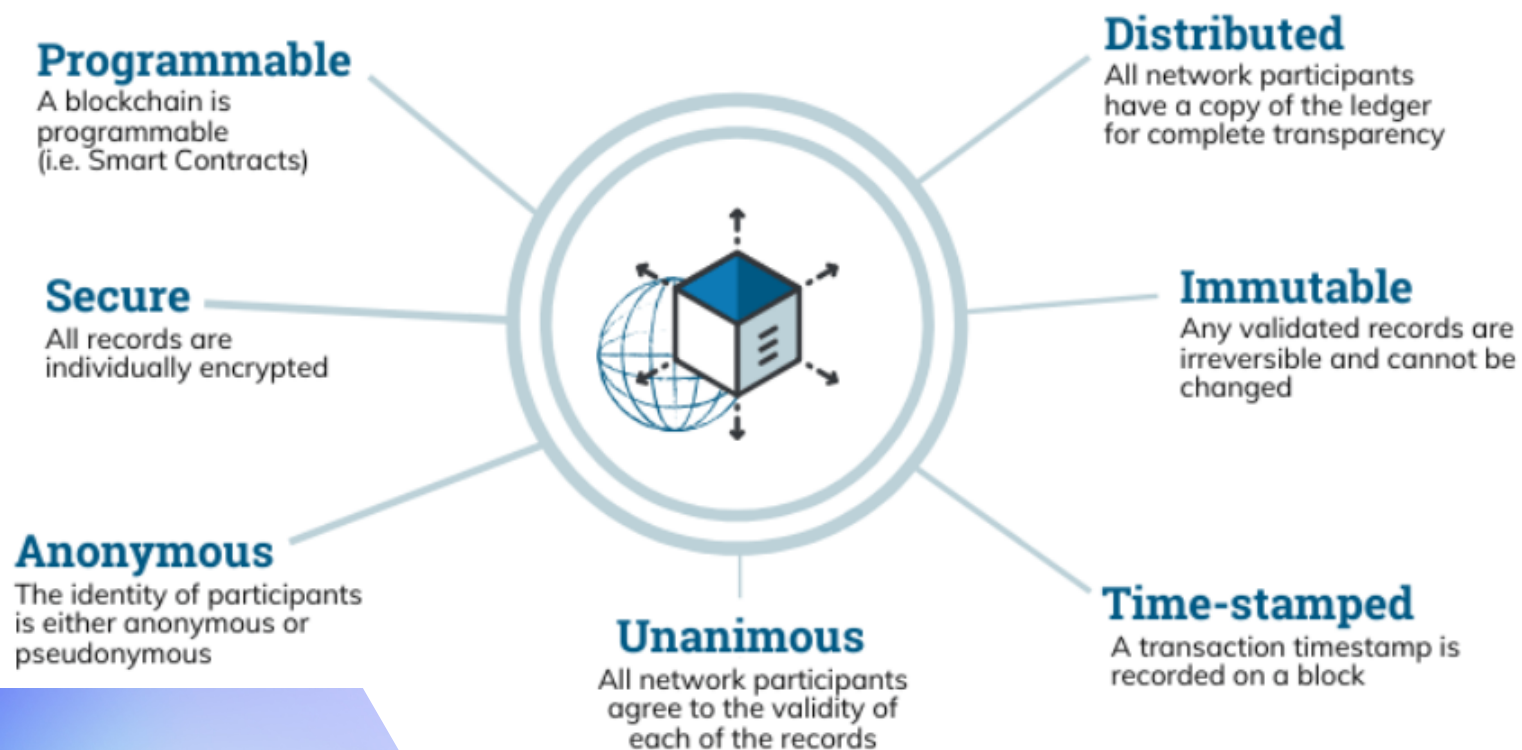


# BLOCKCHAIN TECHNOLOGY

**BLOCKCHAIN TECHNOLOGY** HAS THE POTENTIAL TO REVOLUTIONIZE THE WAY WE CONDUCT ONLINE TRANSACTIONS. **IT IS A DECENTRALIZED DIGITAL LEDGER OR DISTRIBUTED LEDGER TECHNOLOGY (DLT) THAT RECORDS TRANSACTIONS ACROSS A NETWORK OF COMPUTERS, MAKING IT VIRTUALLY IMPOSSIBLE TO ALTER OR TAMPER WITH THE RECORDED DATA.**

THIS MAKES BLOCKCHAIN AN IDEAL TECHNOLOGY FOR SECURING ONLINE TRANSACTIONS, AS IT ALLOWS FOR **SECURE, TRANSPARENT, AND TAMPER-PROOF RECORD-KEEPING.**

## The Properties of Distributed Ledger Technology (DLT)



EACH BLOCK TYPICALLY CONTAINS A **CRYPTOGRAPHIC HASH** OF THE PREVIOUS BLOCK, A TIMESTAMP, AND TRANSACTION DATA. THE USE OF CRYPTOGRAPHY ENSURES THAT ONCE A BLOCK IS ADDED TO THE BLOCKCHAIN, IT CANNOT BE ALTERED OR DELETED WITHOUT THE CONSENSUS OF THE NETWORK. BLOCKCHAINS CAN BE EITHER PUBLIC OR PRIVATE.

THE MOST WELL-KNOWN USE CASE OF BLOCKCHAIN TECHNOLOGY IS CREATING AND MANAGING DIGITAL CURRENCIES, LIKE **BITCOIN**. HOWEVER, BLOCKCHAIN TECHNOLOGY HAS MANY OTHER POTENTIAL USE CASES, INCLUDING SUPPLY CHAIN MANAGEMENT, DIGITAL IDENTITY VERIFICATION, AND VOTING SYSTEMS.

ONE OF THE MAIN ADVANTAGES OF BLOCKCHAIN TECHNOLOGY IS ITS ABILITY TO PROVIDE A SECURE AND TRANSPARENT PLATFORM FOR RECORD-KEEPING. TRANSACTIONS ARE RECORDED IN A **DECENTRALIZED NETWORK**, MAKING IT DIFFICULT FOR HACKERS TO ALTER OR TAMPER WITH THE DATA. **DECENTRALIZED BLOCKCHAINS** ARE IMMUTABLE, WHICH MEANS THAT THE DATA ENTERED IS IRREVERSIBLE

ADDITIONALLY, USING **SMART CONTRACTS** ALLOWS FOR THE AUTOMATION OF TRANSACTIONS, REDUCING THE NEED FOR INTERMEDIARIES AND MINIMIZING THE POSSIBILITY OF HUMAN ERROR.



# HISTORY OF BITCOIN

**BITCOIN (BTC)** BEGAN LIFE AS THE HOUSING BUBBLE BURST. IN **2008**, **SATOSHI NAKAMOTO** PUBLISHED THE FAMOUS WHITEPAPER, **“BITCOIN: A PEER-TO-PEER ELECTRONIC CASH SYSTEM,”** WHICH LAID OUT THE PLAN FOR A **PEER-TO-PEER INTERNET-BASED CURRENCY.**

DRAWING ON PREVIOUS GOLD-INFLUENCED TOKENS, NAKAMOTO PROPOSED A SCARCE SUPPLY OF **21 MILLION BITCOINS.** THEY ALSO USED A CONSENSUS MECHANISM CALLED **PROOF-OF-WORK (POW)** TO VERIFY TRANSACTIONS ON BITCOIN’S NETWORK WERE VALID. INTERESTINGLY, THIS NOVEL CONFIRMATION SYSTEM WAS INTRODUCED WITH A FAILED **‘90S PROJECT, “HASHCASH,”** WHOSE ORIGINAL PURPOSE WAS TO CUT BACK ON SPAM EMAILS.

POW FORCES COMPUTERS TO SOLVE AN ALGORITHMIC PUZZLE TO POST NEW TRANSACTIONS ON A **“BLOCKCHAIN.”** THIS BLOCKCHAIN CONTAINS ALL TRANSACTIONS ON THE NETWORK AND IS PUBLICLY VIEWABLE.

**“MINERS”** USE COMPUTING POWER ON THE BITCOIN NETWORK AND RECEIVE BTC REWARDS FOR EVERY BLOCK THEY VERIFY. THESE BITCOIN REWARDS HAVE BEEN CUT IN HALF EVERY FOUR YEARS, AND THIS WILL CONTINUE TO OCCUR UNTIL THE 21 MILLION SUPPLY IS REACHED.

NAKAMOTO MINED THE **FIRST BITCOIN BLOCK (AKA “GENESIS BLOCK”)** IN EARLY **2009** AND SOON SENT THE **FIRST SUCCESSFUL BITCOIN TRANSACTION TO THE DEVELOPER HAL FINNEY.**

ONE YEAR LATER, THE **PROGRAMMER LASZLO HANYECZ** MADE **THE FIRST RECORDED REAL-WORLD PURCHASE WITH BITCOIN** WHEN HE BOUGHT **PAPA JOHN’S PIZZAS FOR 10,000 BTC.** CRYPTO ENTHUSIASTS STILL CELEBRATE THIS EVENT ANNUALLY WITH **“BITCOIN PIZZA DAY” ON MAY 22.**



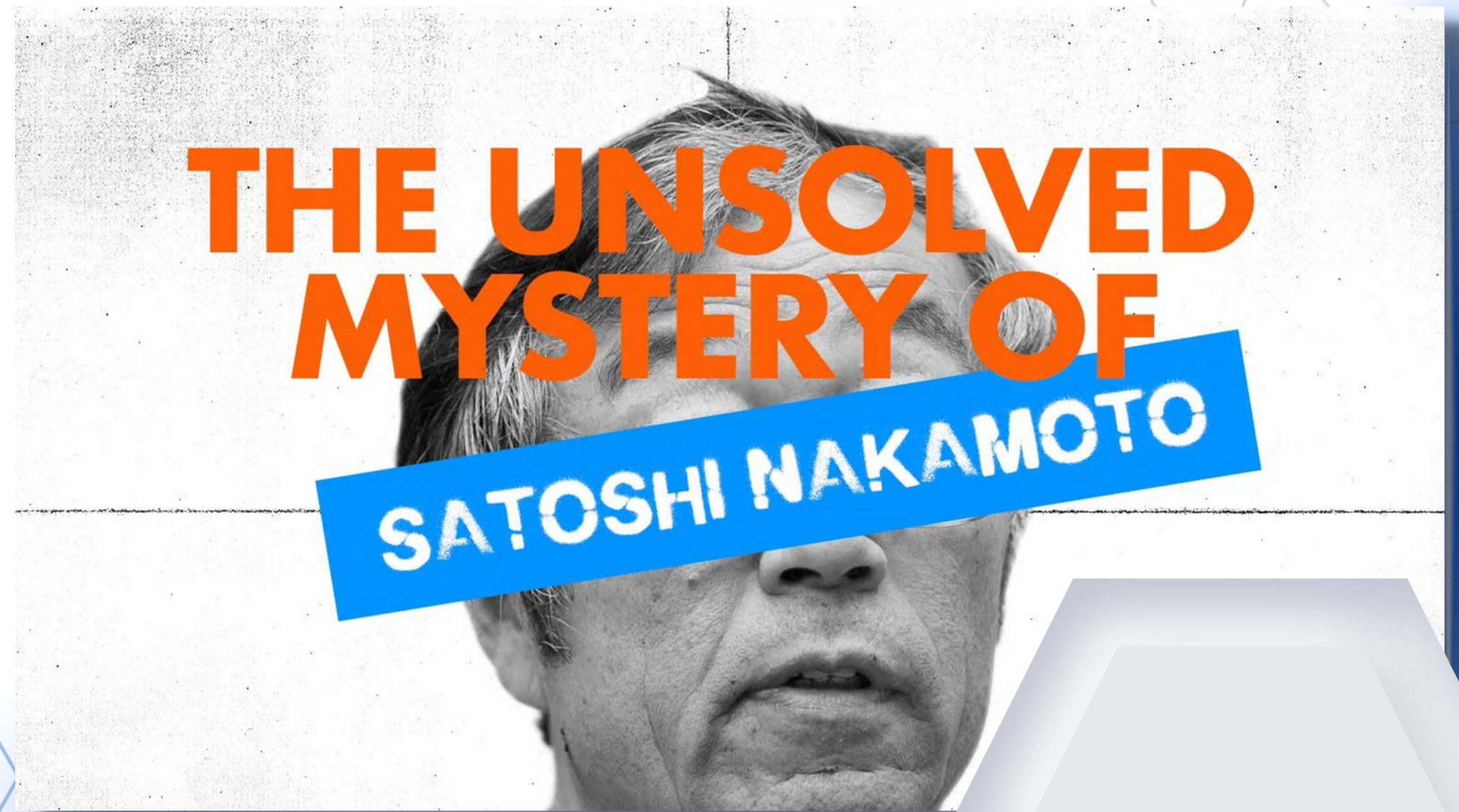


# WHO IS SATOSHI NAKAMOTO?

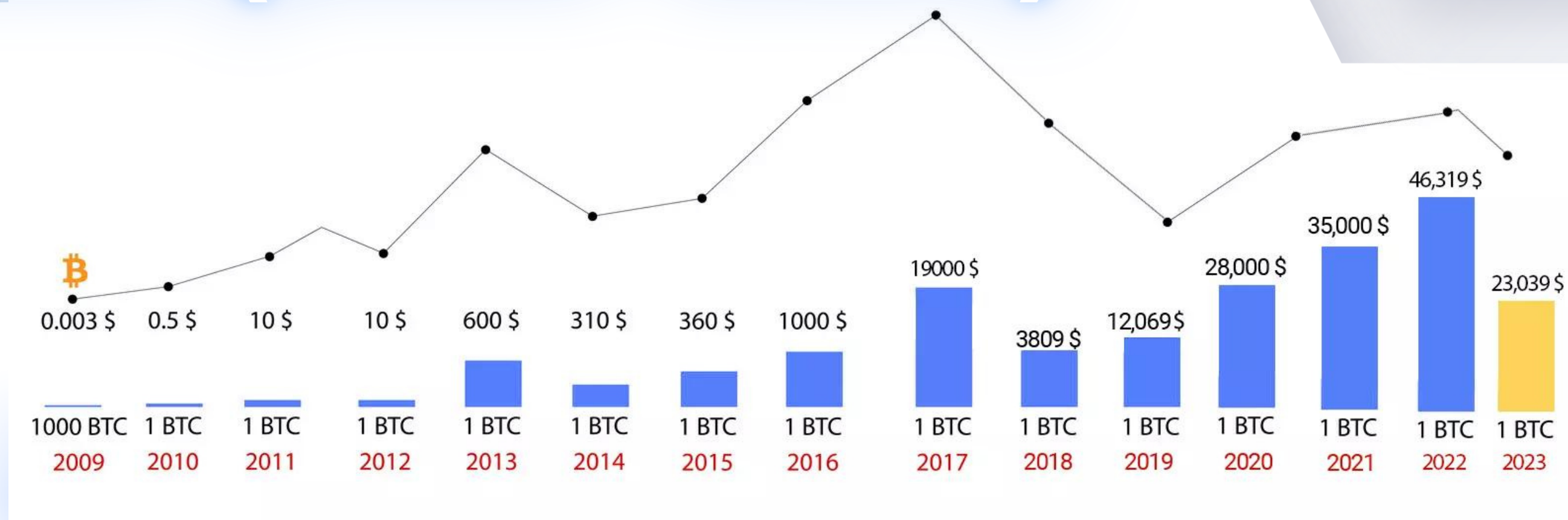
THE QUESTION OF **WHO SATOSHI NAKAMOTO** IS REMAINS ONE OF THE GREATEST MYSTERIES IN THE CRYPTOCURRENCY WORLD. MANY PEOPLE HAVE PROPOSED IDEAS ON WHO NAKAMOTO IS, BUT ALL THIS IS PURE SPECULATION. INDEED, MANY PEOPLE BELIEVE NAKAMOTO DELIBERATELY WANTED TO BE **ANONYMOUS**. BITCOIN MAY NOT HAVE HAD THE SAME DEGREE OF SUCCESS IF IT HAD AN EASILY TARGETABLE LEADER.

IT'S ALSO CLEAR THAT NAKAMOTO HAD A DEEP DISTRUST OF CENTRALIZED AUTHORITY. WE KNOW THIS BECAUSE NAKAMOTO WROTE THE **2009** HEADLINE "**CHANCELLOR ON BRINK OF SECOND BAILOUT FOR BANKS**" INTO BITCOIN'S GENESIS BLOCK. CLEARLY, THEY SAW BITCOIN AS A SOLUTION TO THE MANY ISSUES INVOLVED IN THE **2008 FINANCIAL CRISIS**.

WE MAY NEVER KNOW WHO NAKAMOTO IS (OR WAS?), BUT THAT DOESN'T DETRACT FROM THE INFLUENCE OF THE BITCOIN NETWORK. IF ANYTHING, NAKAMOTO'S ANONYMITY GIVES SOME PEOPLE MORE **FAITH** IN USING BTC AS A CURRENCY.



# BITCOIN (2008-2023)



- IN **AUGUST 18, 2008**, BITCOIN WAS WORTH **\$ 0** BECAUSE THAT YEAR THE DOMAIN **BITCOIN.ORG** WAS ONLY REGISTERED AND ARTICLES WERE SENT TO CRYPTOGRAPHERS.
- **OCTOBER 5, 2009** - THE FIRST RATE OF BITCOIN TO THE DOLLAR HAS BEEN PUBLISHED : **1 DOLLAR = 1,309.03 BTC**. PUBLIC SALES HAVE BEGUN ON THE NEW LIBERTY STANDARD STOCK EXCHANGE.
- **FEBRUARY 2011 - APRIL 2011** - BITCOIN TAKES PARITY WITH THE DOLLAR: **\$ 1.00 DOLLAR = 1 BTC**.
- **APRIL 2014** - LOWEST PRICE SINCE THE 2012-2013 CYPRIOT FINANCIAL CRISIS IT WAS REACHED AT 3:25 AM ON **APRIL 11TH: \$ 340 - 530 = 1 BTC**
- **JANUARY 5-12, 2017** - THE **PRICE DROPPED 30% OVER THE WEEK**, HITTING A MULTI-MONTH LOW OF **\$ 750: \$ 750- \$ 920 = 1BTC**.
- **MARCH 2-3 2017** - THE PRICE STAYED ABOVE THE NOVEMBER 2013 HIGH OF \$ 1242 AND THEN RALLIED ABOVE **\$ 1290 = 1 BTC**.
- **MAY 2017** - THE PRICE REACHED A NEW HIGH, REACHING **\$ 1,402.03 ON MAY 1, 2017** AND OVER **\$ 1,800 ON MAY 11, 2017**. ON **MAY 20, 2017**, THE PRICE OF ONE BITCOIN EXCEEDED **\$ 2,000 = 1 BTC FOR THE FIRST TIME**.



- **MAY - JUNE 2017** - THE PRICE HIT AN **ALL-TIME HIGH OF \$ 3,000 ON JUNE 12** AND HAS HOVERED AROUND \$ 2,500 SINCE THEN. AS OF **AUGUST 6, 2017**, THE PRICE IS **\$ 3,270 = 1 BTC.**
- **SEPTEMBER 12, 2017** - THE PRICE HAS PLUMMETED DUE TO THE **CHINESE BITCOIN ICO AND CURRENCY SUPPRESSION (ICO BAN IN CHINA).** **\$ 2 900 = 1 BTC.**
- **OCTOBER 21, 2017** - THE PRICE REACHED A NEW HIGH AS THE FORK WAS APPROACHING WITH THE DISTRIBUTION OF NEW COINS 1 TO 1 (BITCOIN CASH). **\$ 6180 = 1 BTC.**
- **NOVEMBER 6, 2017** - THE GROWTH CONTINUED. **\$ 7300 = 1 BTC.**
- **DECEMBER 15, 2017** - BITCOIN PRICE HITS **\$ 17,900 = 1 BTC.**
- **OCTOBER 31, 2018** - ON **BITCOIN'S 10TH ANNIVERSARY**, THE PRICE REMAINS STABLE ABOVE **\$ 6,000** DURING A PERIOD OF HISTORICALLY LOW VOLATILITY. **\$ 6,300 = 1 BTC.**
- **FEBRUARY 7, 2019** - LOWEST COST IN Q1 2019. **\$ 3399 = 1 BTC.**
- **MARCH 12, 2020** - "**BLACK THURSDAY**" IN THE CRYPTOCURRENCY MARKET. BITCOIN PRICE DROPPED BELOW \$ 5K FOR THE FIRST TIME SINCE MAY 8, 2019. THERE WERE ALSO WHALES THAT DUMPED BTC AS LARGE SUMS WERE TRANSFERRED TO EXCHANGES PRIOR TO THIS SALE. THE \$ 2.9 BILLION PLUSTOKEN PYRAMID SCHEME, WHICH STILL HOLDS 61,229 COINS, TRANSFERRED 13,000 BTC FROM ITS WALLETS TO EXCHANGES VIA MIXER SERVICES . **\$ 8000-\$4600 = 1 BTC.**
- **MARCH 13, 2020** - **FRIDAY THE 13TH** SAW THE BIGGEST DROP IN BITCOIN IN THE PAST FEW YEARS . ON THIS DAY, 3 GLOBAL EVENTS TOOK PLACE IN THE WORLD: **COVID-19 WAS DECLARED A PANDEMIC**; ALL **THREE MAJOR US STOCK INDEXES** HAVE PLUMMETED; **PRESIDENT TRUMP ANNOUNCED THE CLOSURE OF US BORDERS** IN CONNECTION WITH THE PANDEMIC. **\$4600-\$3800 = 1 BTC.**
- **JANUARY 8, 2021** - FIXED ATH (ALL TIME HIGH, ABSOLUTE MAXIMUM) AT **\$ 41,973 = 1 BTC.**
- **NOVEMBER 7, 2021** - ON **NOVEMBER 7, 2021**, BTC AGAIN REACHED A RECORD HIGH OF **\$67,549.14 = 1 BTC.**
- **JANUARY 1, 2022** - BTC FELL TO \$46,319.65, OR 32.9% BELOW ITS ATH, LIKELY DUE TO THE FED'S RATE HIKE ANNOUNCEMENT. **\$46,319 = 1 BTC.**
- **2023 (FIRST QUARTER)** - PRICE HAS DROPPED 64% SINCE **JANUARY 1, 2022 TO \$23,039.54 = 1 BTC AS OF Q1 2023.**



# INTRODUCTION TO ON PAL EXPRESS (OPX)



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# ON PAL EXPRESS

**ON PAL EXPRESS (OPX)** IS THE LEADING SOLUTION FOR TURNING NFTS INTO REALITY. WE ARE A COMPANY, BUILT IN **TRC20 TOKEN LAST MAY OF 2022** BUT MIGRATED TO **POLYGON BLOCKCHAIN IN FEBRUARY 2023**. OUR PLATFORM PROVIDES A SECURE AND RELIABLE METHOD OF TRANSFERRING DIGITAL ASSETS FROM ONE USER TO ANOTHER. THIS IS DONE BY USING SMART CONTRACTS AND BLOCKCHAIN TECHNOLOGY. THIS ENSURES THAT THE ASSETS ARE SECURE AND CANNOT BE MODIFIED OR TAMPERED WITH.

ONE OF THE ADVANTAGE OF OPX IS THAT IT IS LINKED WITH TRADITIONAL BUSINESSES. THIS MEANS THAT USERS ARE ABLE TO USE THEIR REAL-WORLD ASSETS TO PURCHASE DIGITAL ASSETS AND VICE-VERSA. THIS PROVIDES STABILITY TO THE COMPANY AND THE COMMUNITY. THE PLATFORM ALSO PROVIDES A RANGE OF SERVICES SUCH AS **MERCHANTS AND PARTNERS THAT WOULD ACCEPT AND ALLOW OPX TOKEN AS A MEANS OF PAYMENT FOR THEIR PRODUCT OR SERVICES, ADVERTISEMENT PROGRAM, SPECIAL PROJECTS , OUR OPX TRADITIONAL BUSINESS ECOSYSTEM, WEBSITE DESIGNING FOR YOUR PERSONAL OR PROFESSIONAL USE , REFERRAL COMMISSION AND MANY OTHER MORE.**

**WE AIM TO CREATE A NEW FINANCIAL ECOSYSTEM FOR THE WORLD WITH THE COMBINATION OF VIRTUAL AND REALITY (TRADITIONAL BUSINESS).** WE BELIEVE THAT THE FUTURE OF MONEY WILL BE DIGITAL, AND THAT NFTS ARE THE WAY TO MAKE THIS HAPPEN.

THE COMPANY'S VISION IS TO CREATE A WORLD WHERE NFTS ARE USED AS CURRENCY AND ASSETS, WHICH WILL HAVE A POSITIVE IMPACT ON SOCIETY AND THE COMMUNITY. WITH THE CURRENT BOOM AND RISE OF COMPANIES , ESTABLISHMENTS AND COUNTRIES THAT CONTINUOUSLY ADOPTING TO THE USED OF CRYPTOCURRENCY AND THE DIGITAL ASSETS WE ARE SURE THAT THIS WILL BE THE FUTURE OF OUR GENERATION.

OUR MISSION IS TO HELP EVERYONE GET STARTED AND LEARN ABOUT IT SO THEY CAN HAVE THE KNOWLEDGE AND LEARNING FOR THEIR FUTURE. **WE BELIEVE THAT CRYPTOCURRENCY WILL BE THE FOUNDATION OF ALL FUTURE TRANSACTIONS AND COMMERCE, AND WE WANT TO HELP YOU GET STARTED ON THE RIGHT PATH.**



# OPX: ECOSYSTEM



• NFT PROJECTS

## OPX: Leading Company In NFT: Virtual & Reality Business Programs



Oil & Gas



BPO



Agriculture



Real Estate



Remittance



Livestock



Franchise



I.T Services

BEFORE WE DISCUSS WHAT ARE THE OPX ECOSYSTEM LET'S FIRST TACKLE THE QUESTION " **WHAT IS A CRYPTO ECOSYSTEM?** "

THE CRYPTO ECOSYSTEM IS **A NETWORK OF DIGITAL PLATFORMS AND TECHNOLOGIES THAT ENABLE USERS TO TRANSACT WITH CRYPTO.** IT IS BASED ON BLOCKCHAIN TECHNOLOGY. THIS TECHNOLOGY CREATES A SECURE, DECENTRALIZED WAY TO STORE AND EXCHANGE DIGITAL ASSETS. THE CRYPTO ECOSYSTEM THUS EQUIPS ACCESS TO A WIDE RANGE OF SERVICES WITHOUT RELYING ON CENTRALIZED INSTITUTIONS AND REVOLUTIONIZES THE FINANCIAL WORLD.

THIS WILL HELPED BUSINESSES DEVELOP INNOVATIVE PRODUCTS AND SERVICES FOR PEOPLE ACROSS THE GLOBE. **THIS IS WHERE ON PAL EXPRESS (OPX) WILL SET IN AND FOCUS.** THIS ASSOCIATED ECOSYSTEM WOULD PROVIDES VARIOUS USE CASES LIKE DIGITAL PAYMENTS AND WE WOULD ALSO BUILD TRADITIONAL BUSINESSES SUCH AS **OIL AND GAS, BPO, AGRICULTURE, REAL ESTATE, REMITTANCE, LIVESTOCK, FRANCHISE BUSINESS , I.T. SERVICES AND MANY MORE.**

EVERYTHING WILL BE UNDER A SMART CONTRACT AND EACH BUSINESSES WILL BE ABLE TO RECEIVE OR OFFER, **OPX TOKENS AS THE NATIVE CURRENCY** AND MEANS OF PAYMENT FOR THE PRODUCT OR SERVICES A CERTAIN BUSINESS WILL OFFER. THIS WILL ALSO PROVIDE ANOTHER WAY FOR OUR MEMBERS TO USE THEIR OPX TOKENS.

IN A **DECENTRALIZED ECOSYSTEM,** THERE ARE NO REQUIREMENTS. INSTEAD, IT'S **A 'TRUSTLESS' SYSTEM, ENSURING TRANSPARENCY.** THIS ALLOWS FOR INCREASED FINANCIAL SECURITY, BETTER TRANSPARENCY, MORE LIQUIDITY AND GROWTH OPPORTUNITIES AND THAT IS WHAT OPX IS ALL ABOUT.



# DECENTRALIZED APPLICATIONS ( DAPPS )



WITH THAT SAID, WE WOULD BE MAKING AND LAUNCHING OUR VERY OWN **DECENTRALIZED APPLICATIONS, OR DAPPS**. THESE ARE SOFTWARE PROGRAMS THAT RUN ON A **BLOCKCHAIN** OR **PEER-TO-PEER (P2P) NETWORK** OF COMPUTERS INSTEAD OF ON A SINGLE COMPUTER. DAPPS (ALSO CALLED "DAPPS") ARE THUS OUTSIDE THE PURVIEW AND CONTROL OF A SINGLE AUTHORITY.

WHAT ARE THE DAPP USES AND HOW IT CAN BE USED IN OUR OPX ECOSYSTEM?

DAPPS HAVE BEEN DEVELOPED TO DECENTRALIZE A RANGE OF FUNCTIONS AND APPLICATIONS AND ELIMINATE INTERMEDIARIES. EXAMPLES INCLUDE **SELF-EXECUTING FINANCIAL CONTRACTS, MULTI-USER GAMES, AND SOCIAL MEDIA PLATFORMS**.

SOME EXAMPLES OF PRACTICAL USES FOR DAPPS IN OPX ECOSYSTEM:

- **FINANCIAL SERVICES:** DAPPS CAN BE USED TO FACILITATE PEER-TO-PEER FINANCIAL TRANSACTIONS, SUCH AS THE EXCHANGE OF CURRENCIES OR THE TRANSFER OF ASSETS. OUR REMITTANCE PROJECT CAN BE CONDUCTED UNDER IT.
- **REAL ESTATE:** DAPPS CAN BE USED TO FACILITATE THE BUYING AND SELLING OF REAL ESTATE DIRECTLY BETWEEN BUYER AND SELLER, AS WELL AS THE TRACKING OF PROPERTY OWNERSHIP AND RELATED DOCUMENTATION SUCH AS DEEDS.
- **SUPPLY CHAIN MANAGEMENT:** DAPPS CAN BE USED TO TRACK THE MOVEMENT OF GOODS THROUGH A SUPPLY CHAIN, ENSURING TRANSPARENCY AND ACCOUNTABILITY. THIS PART IS FOR OUR AGRICULTURE AND LIVESTOCK PROJECT THAT CAN HELP OUR USES TO TRACK THEIR GOODS.

THESE ARE SOME EXAMPLES OF SOME USES OF DAPPS. THE ADVANTAGES OF DAPPS CENTER AROUND THE PROGRAM'S ABILITY TO SAFEGUARD USER PRIVACY. WITH DECENTRALIZED APPS, USERS **DO NOT NEED TO SUBMIT THEIR PERSONAL INFORMATION** TO USE THE FUNCTION THE APP PROVIDES. DAPPS USE **SMART CONTRACTS** TO COMPLETE THE TRANSACTION BETWEEN TWO ANONYMOUS PARTIES WITHOUT THE NEED TO RELY ON A CENTRAL AUTHORITY.



# DIFFERENCE BETWEEN PROOF-OF-WORK (POW) & PROOF-OF-STAKE (POS)



# PROOF-OF-WORK



**PROOF OF WORK (POW)** DESCRIBES A CONSENSUS MECHANISM THAT **REQUIRES A SIGNIFICANT AMOUNT OF COMPUTING EFFORT FROM A NETWORK OF DEVICES**. THE CONCEPT WAS ADAPTED DIGITAL TOKENS BY **HAL FINNEY IN 2004** THROUGH THE IDEA OF **"REUSABLE PROOF OF WORK"** USING THE **160-BIT SECURE HASH ALGORITHM 1 (SHA-1)**.

PROOF OF WORK (POW) IS ALSO CALLED **MINING**, IN REFERENCE TO RECEIVING A REWARD FOR WORK DONE.

**BITCOIN** BECAME THE FIRST WIDELY ADOPTED APPLICATION OF FINNEY'S POW IDEA IN **2009**. PROOF OF WORK FORMS THE BASIS OF MANY OTHER CRYPTOCURRENCIES, ALLOWING FOR SECURE CONSENSUS.

BLOCKCHAINS ARE **DISTRIBUTED LEDGERS** THAT RECORD ALL BITCOIN TRANSACTIONS, SIMILARLY TO HOW YOU WOULD ENTER TRANSACTIONS IN A SPREADSHEET.

INFORMATION SUCH AS **TRANSACTION AMOUNTS, WALLET ADDRESSES, TIME, AND DATE ARE RECORDED AND ENCRYPTED INTO A BLOCK HEADER—A HEXADECIMAL NUMBER** CREATED THROUGH THE BLOCKCHAIN'S HASHING FUNCTION.

THE **HASH** FROM EACH BLOCK IS USED IN THE BLOCK THAT FOLLOWS IT WHEN ITS HASH IS CREATED. THIS CREATES A LEDGER OF CHAINED BLOCKS THAT CANNOT BE ALTERED BECAUSE THE INFORMATION FROM EVERY BLOCK IS INCLUDED IN THE NEWEST BLOCK'S HASH.

WHEN A BLOCK IS CLOSED, THE HASH MUST BE VERIFIED BEFORE A NEW BLOCK CAN BE OPENED. THIS IS WHERE PROOF OF WORK COMES IN. THE HASH IS A **64-DIGIT ENCRYPTED HEXADECIMAL NUMBER**.



THE HASH INCLUDES A SERIES OF NUMBERS CALLED THE **NONCE**, SHORT FOR "**NUMBER USED ONCE.**" WHEN A MINER—THE PROGRAM ON A NODE THAT WORKS TO SOLVE THE HASH—BEGINS MINING, IT GENERATES A HASH FROM PUBLICLY AVAILABLE INFORMATION USING A NONCE EQUAL TO ZERO. IF THE HASH IS LOWER THAN THE CURRENT NETWORK TARGET, THE MINER HAS SUCCESSFULLY SOLVED THE HASH. THAT IS WHEN YOU GET YOUR REWARD.

**MINING IS THE PROCESS OF VALIDATING TRANSACTIONS BY SOLVING THE HASH AND RECEIVING A REWARD.**

**PROOF OF WORK IS ALSO KNOWN FOR ITS ENERGY**

**CONSUMPTION.** THE UNIVERSITY OF CAMBRIDGE TRACKS THE BITCOIN NETWORK ENERGY DEMAND AND USES A "**BEST GUESS ESTIMATE**" TO DETERMINE ITS USAGE.

**PROOF OF WORK IS ALSO A MUCH SLOWER VALIDATION**

**METHOD THAN OTHER MECHANISMS.** FOR EXAMPLE, MORE TRANSACTIONS ARE TAKING PLACE THAN THE BITCOIN NETWORK CAN HANDLE. TRANSACTIONS ARE STORED IN A MEMPOOL WAITING FOR VALIDATION. BITCOIN KEEPS ITS BLOCK TIMES AT AN AVERAGE OF 10 MINUTES—COMPARE THIS WITH BLOCK TIMES ON THE ETHEREUM POS NETWORK, WHICH HAVE AVERAGED 12 SECONDS SINCE SEPTEMBER 2022.

THE BOTTOM LINE OF THIS IS THAT PROOF OF WORK AT SCALE REQUIRES VAST AMOUNTS OF ENERGY, WHICH ONLY INCREASES AS MORE MINERS JOIN THE NETWORK. IT IS TIME CONSUMING AS WELL AS THE PARTS OF YOUR COMPUTER THAT NEEDS ON MINING AND THE ELECTRICITY CONSUMPTION YOU WOULD GENERATE JUST TO MINE OR GET YOUR REWARD IS ALSO NOT ON THE CHEAPER SIDE. PROOF OF WORK IS ONE METHOD THAT MAKES IT TOO RESOURCE-INTENSIVE TO OVERTAKE THE NETWORK.

### Proof of Work

- Validation is done by a network of miners
- Bitcoin paid as a reward and for transaction fees
- Competitive nature uses lots of energy and computational power

### Proof of Stake

- Validation is done by participants who offer ether as collateral
- Ether is paid for transaction fees only
- Less computational power and energy used



# PROOF-OF-STAKE



**PROOF-OF-STAKE (POS)** IS A CRYPTOCURRENCY CONSENSUS MECHANISM FOR PROCESSING TRANSACTIONS AND CREATING NEW BLOCKS IN A BLOCKCHAIN. A CONSENSUS MECHANISM IS A METHOD FOR VALIDATING ENTRIES INTO A DISTRIBUTED DATABASE AND KEEPING THE DATABASE SECURE. IN THE CASE OF CRYPTOCURRENCY, THE DATABASE IS CALLED A BLOCKCHAIN—SO THE CONSENSUS MECHANISM SECURES THE BLOCKCHAIN.

PROOF-OF-STAKE REDUCES THE AMOUNT OF COMPUTATIONAL WORK NEEDED TO VERIFY BLOCKS AND TRANSACTIONS. THIS CHANGES THE WAY BLOCKS ARE VERIFIED USING THE MACHINES OF COIN OWNERS, SO THERE DOESN'T NEED TO BE AS MUCH COMPUTATIONAL WORK DONE. THE OWNERS OFFER THEIR COINS AS COLLATERAL—**STAKING**—FOR THE CHANCE TO VALIDATE BLOCKS AND EARN REWARDS.

THIS SYSTEM RANDOMIZES WHO GETS TO COLLECT FEES RATHER THAN USING A COMPETITIVE REWARDS-BASED MECHANISM LIKE PROOF-OF-WORK. TO BECOME A **VALIDATOR**, A COIN OWNER MUST "**STAKE**" A SPECIFIC AMOUNT OF COINS.

**FOR INSTANCE, IN OUR OPX STAKING PLATFORM YOU NEED TO STAKE 1000 OPX TOKEN + A PAIR OF MATIC BEFORE A USER CAN OPERATE A NODE. BLOCKS ARE VALIDATED BY MULTIPLE VALIDATORS, AND WHEN A SPECIFIC NUMBER OF VALIDATORS VERIFY THAT THE BLOCK IS ACCURATE, IT IS FINALIZED AND CLOSED.**

HOW IT IS DIFFERENT FROM PROOF OF WORK (POW)? THEY ARE BOTH CONSENSUS MECHANISMS THAT HELP BLOCKCHAINS SYNCHRONIZE DATA, VALIDATE INFORMATION, AND PROCESS TRANSACTIONS. EACH METHOD HAS PROVEN SUCCESSFUL AT MAINTAINING A BLOCKCHAIN, ALTHOUGH EACH HAS PROS AND CONS. HOWEVER, THE TWO ALGORITHMS HAVE VERY DIFFERENT APPROACHES.

- UNDER POS, BLOCK CREATORS ARE CALLED **VALIDATORS**. A VALIDATOR CHECKS TRANSACTIONS, VERIFIES ACTIVITY, VOTES ON OUTCOMES, AND MAINTAINS RECORDS.
- TO **"BUY INTO"** THE POSITION OF BECOMING A BLOCK CREATOR, YOU NEED TO OWN ENOUGH COINS OR TOKENS TO BECOME A VALIDATOR ON A POS BLOCKCHAIN.
- POS BLOCKCHAINS REDUCE THE AMOUNT OF PROCESSING POWER NEEDED TO VALIDATE BLOCK INFORMATION AND TRANSACTIONS. THE MECHANISM ALSO LOWERS NETWORK CONGESTION AND REMOVES THE REWARDS-BASED INCENTIVE POW BLOCKCHAINS HAVE.

PROOF-OF-STAKE IS DESIGNED TO **REDUCE NETWORK CONGESTION AND ADDRESS ENVIRONMENTAL SUSTAINABILITY CONCERNS** SURROUNDING THE PROOF-OF-WORK (POW) PROTOCOL.

THE POS MECHANISM SEEKS TO SOLVE THE PROBLEM OF POW BY EFFECTIVELY SUBSTITUTING **STAKING** FOR COMPUTATIONAL POWER, WHEREBY THE NETWORK RANDOMIZES AN INDIVIDUAL'S MINING ABILITY. THIS MEANS THERE SHOULD BE A DRASTIC REDUCTION IN ENERGY CONSUMPTION SINCE MINERS CAN NO LONGER RELY ON MASSIVE FARMS OF SINGLE-PURPOSE HARDWARE TO GAIN AN ADVANTAGE.

### Proof of Stake

Block creators are called validators

Participants must own coins or tokens to become a validator

Energy efficient

Security through community control

Validators receive transactions fees as rewards

### Proof of Work

Block creators are called miners

Participants must buy equipment and energy to become a miner

Not energy efficient

Robust security due to expensive upfront requirement

Miners receive block rewards



# ON PAL EXPRESS REWARD SYSTEM



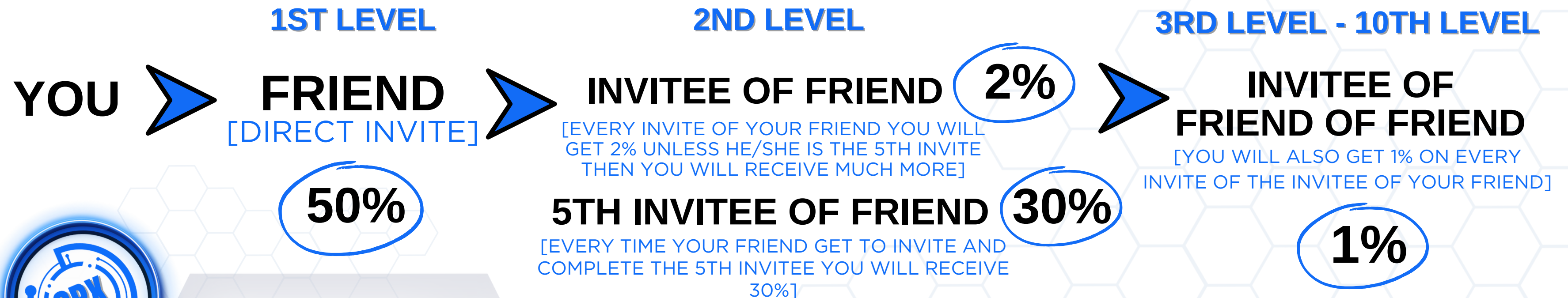
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AS WE HAVE DISCUSSED ON THE PREVIOUS SLIDES, OUR COMPANY RUNS ON THE CONSENSUS MECHANISM OF **PROOF-OF-STAKE (POS)** MAKING IT EASIER YET SECURE AT THE SAME TIME FOR EVERY OPX MEMBERS. WITH THAT SAID, OUR COMPANY HAS **PROVIDED REWARDS TO PROGRAMS AND/OR PROJECTS** WE HAVE LAUNCHED OR GOING TO LAUNCH TO MEMBERS THAT WOULD MET A SPECIFIC CRITERIA FOR THAT MATTER, UNDER A SMART CONTRACT. WE ALWAYS MAKE SURE TO PROVIDE AND COMPENSATE SUCH INDIVIDUALS WHO HAS HELPED OUR COMPANY IN REACHING THOSE GOALS TO MAKE SURE OUR COMPANY RUNS SMOOTHLY AND CONTINUOUSLY.



# SMART CONTRACT REWARD SYSTEM

ONE THE HIGHLIGHTS IN JOINING WITH US, IS WE ARE PROVIDING EVERY MEMBER A **50% COMMISSION** ON OUR **SMART CONTRACT REWARD OR REFERRAL REWARD**. FOR EVERY NEW MEMBER THAT WOULD JOIN WITH US USING THE '**REFERRER'S LINK**', HE/SHE WILL BE RECEIVING **HALF THE AMOUNT OF HIS/HER INVITEES SUBSCRIPTION FEE**. NOW, HERE IN OPX WE ALSO PROVIDED A LADDERED COMPENSATION WHEREIN UP TO THE **1ST TO 10TH LEVEL YOU WILL RECEIVED REWARD**.



**DISCLAIMER: OPX IS NOT OBLIGATING MEMBERS TO INVITE/REFER SOMEONE. THIS IS FOR YOUR OWN VOLITION AND A REWARD FOR THOSE PEOPLE WHO WANTS TO INVITE OTHERS.**



# OPX: STAKING



**STAKING** CAN BE A GREAT WAY TO USE YOUR CRYPTO TO GENERATE **PASSIVE INCOME**, ESPECIALLY BECAUSE SOME CRYPTOCURRENCIES OFFER HIGH INTEREST RATES FOR STAKING.

HERE IN OPX WE MAKE IT EXCITING BY CREATING A **CARD-LIKE DESIGN THAT IS EASY TO USE AND ACCESS FOR EVERYONE.**

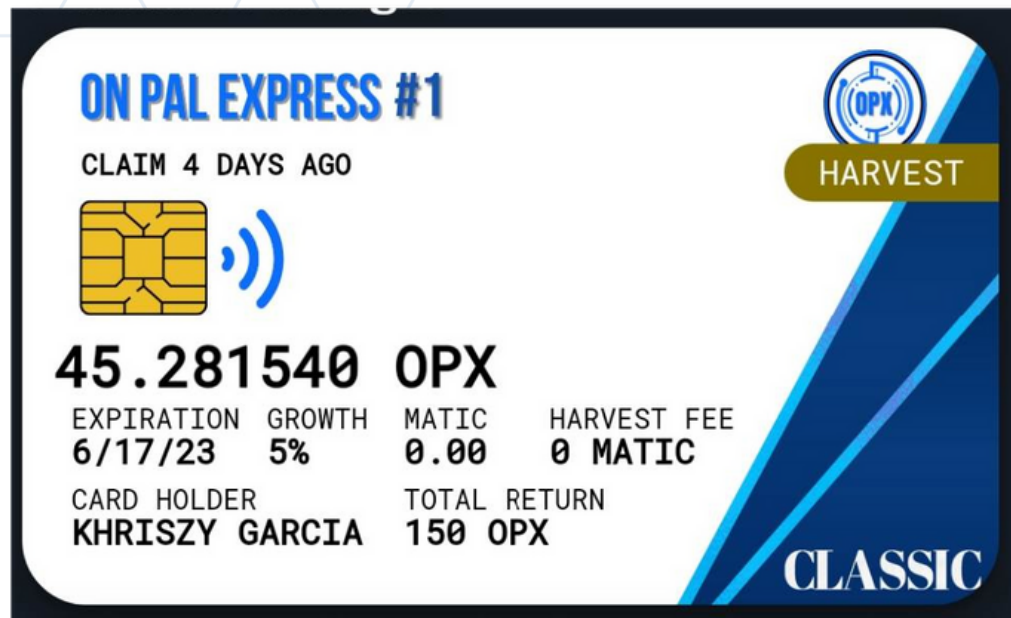
OUR STAKING WILL SOLELY BE **EXCLUSIVE TO OPX MEMBER** AND WE WILL OFFER DIFFERENT KINDS OF PACKAGES, **IN STANDARD & SPECIAL PACKAGES**, THAT WOULD SUIT OUR MEMBERS STAKING CAPABILITIES. WE MAKE OUR STAKING PLATFORM DIFFERENT YET ACCESSIBLE TO USE BY ANYONE.

**WE HAVE DONE IT SO THAT STAKING CAN BE ENJOYABLE YET OUR MEMBERS CAN EARN PROGRESSIVELY WITH IT.**



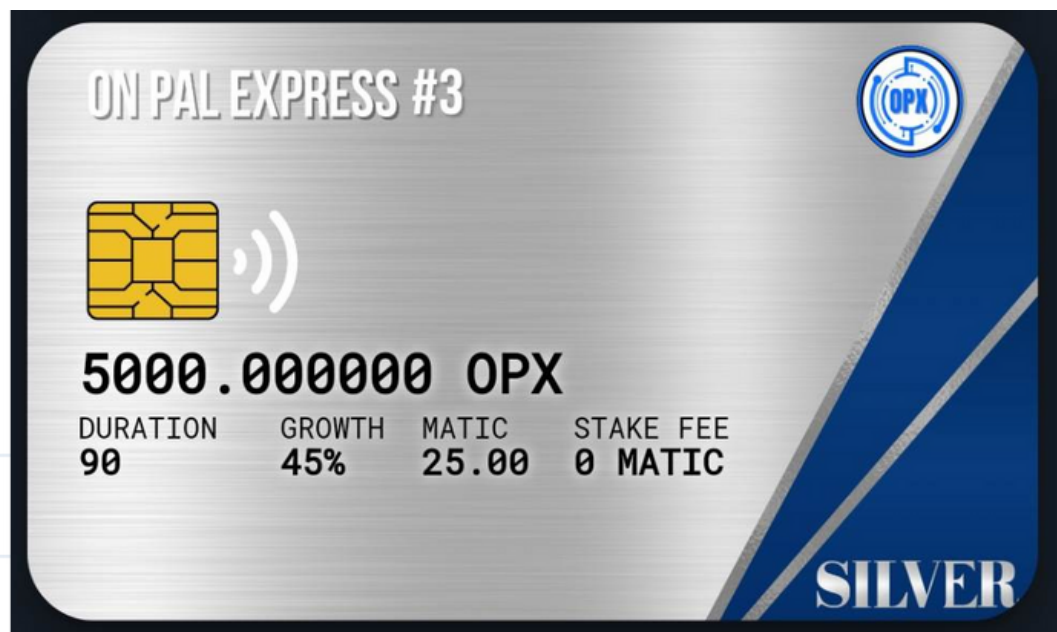
# STANDARD PACKAGES

## CLASSIC



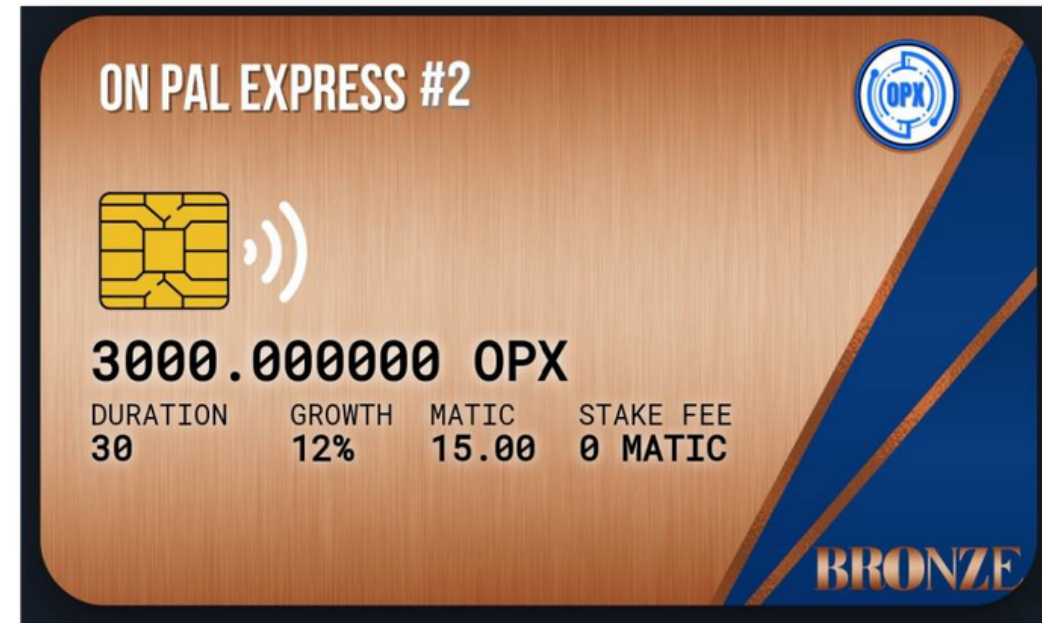
15 DAYS WITH 5% GROWTH AND 0 MATIC PAIR UP.

## SILVER



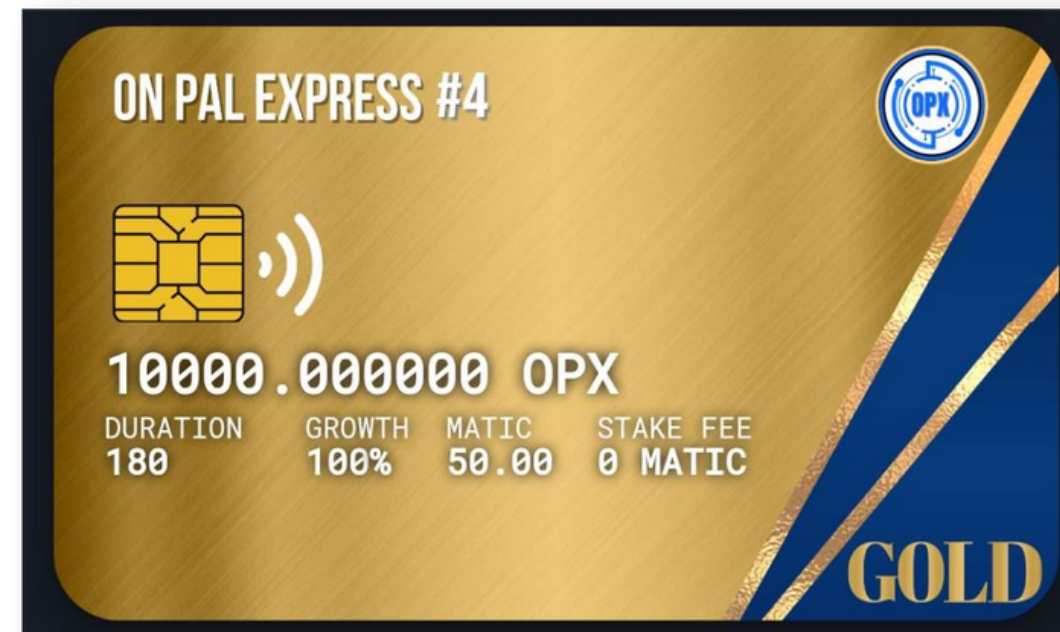
90 DAYS WITH 45% GROWTH AND 25 MATIC PAIR UP. ONCE, YOU HARVESTED AND YOUR DURATION ENDED THE MATIC PAIR-UP WILL BE RETURNED BACK TO YOUR ACCOUNT.

## BRONZE



30 DAYS WITH 12% GROWTH AND 15 MATIC PAIR UP. ONCE, YOU HARVESTED AND YOUR DURATION ENDED THE MATIC PAIR-UP WILL BE RETURNED BACK TO YOUR ACCOUNT.

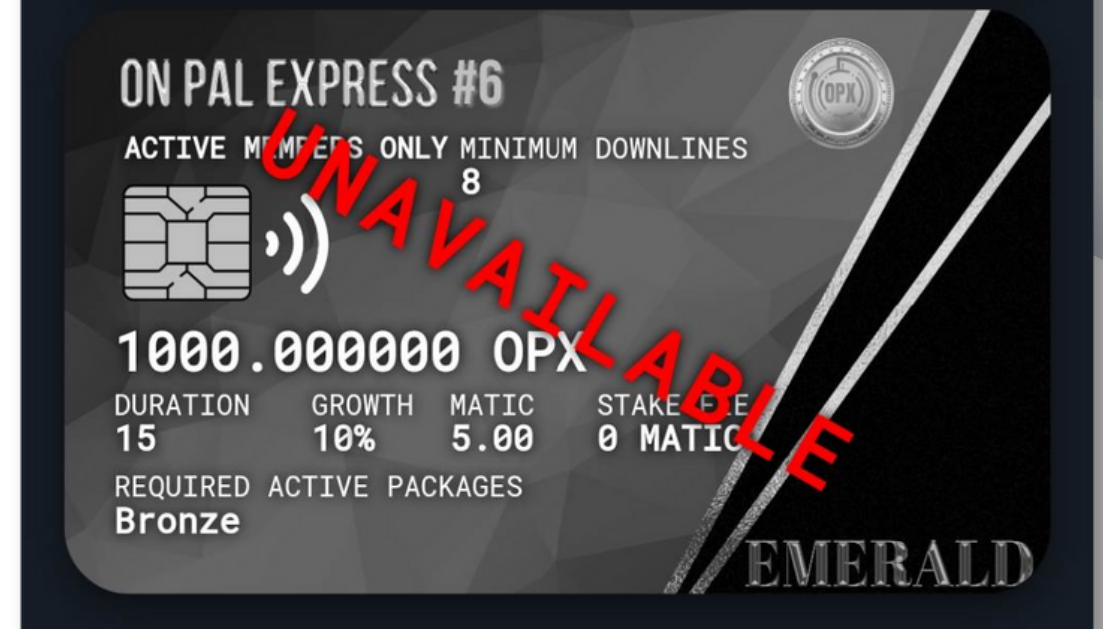
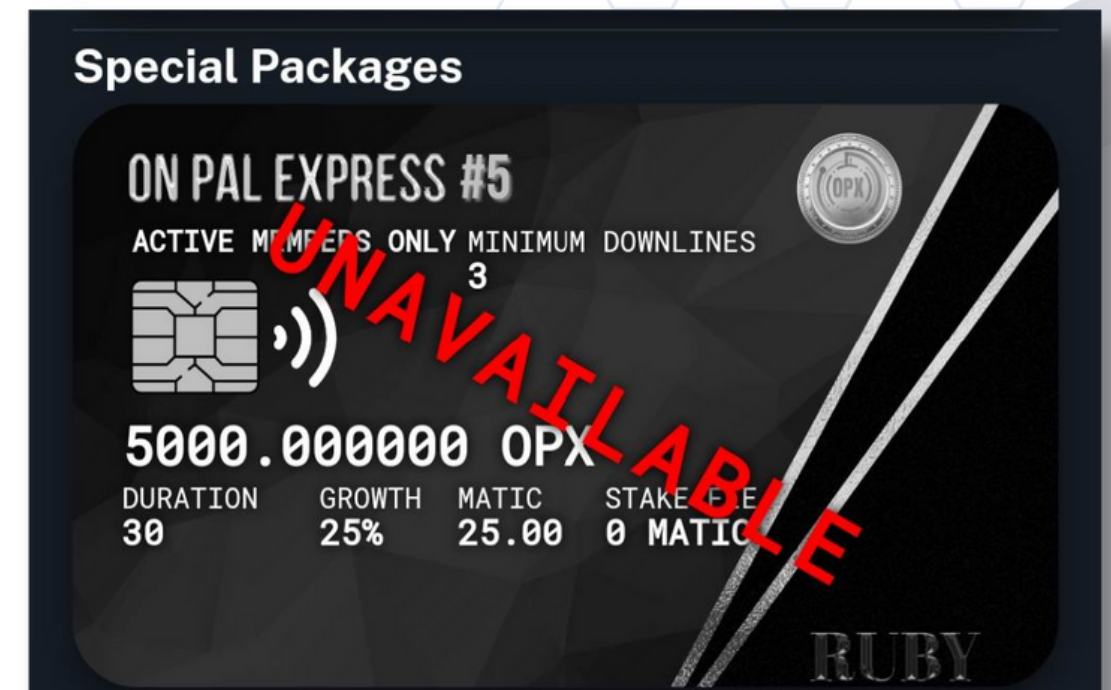
## GOLD



180 DAYS WITH 100% GROWTH AND 50 MATIC PAIR UP. ONCE, YOU HARVESTED AND YOUR DURATION ENDED THE MATIC PAIR-UP WILL BE RETURNED BACK TO YOUR ACCOUNT.

# SPECIAL PACKAGES

## RUBY



## EMERALD

THESE SPECIAL PACKAGES IS EXCLUSIVE ONLY TO ACCOUNTS THAT MEET THE REQUIRED REQUIREMENTS BEFORE IT CAN BE AVAILABLE TO STAKE WITH.

**OPX STAKING RATES MAY CHANGE. THESE RATES AREN'T FIXED, AND FURTHER CHANGES WILL APPLY AS THE COMPANY GROWS.**



# SPECIAL LIMITED ICO

THIS IS ANOTHER PROJECT OR PLATFORM WE ARE OFFERING TO OUR MEMBERS, OUR **SPECIAL LIMITED ICO**. IN THIS PROJECT ONLY **200 SLOTS** ARE ALLOTTED TO PURCHASE THIS SPECIAL PROGRAM. EACH SLOT WOULD BE **\$100** AND THE OPX TOKENS YOU WILL RECEIVED WILL BE **5.4K TOKENS**.

SO YOU ARE ASKING HOW IS THAT SO SPECIAL?

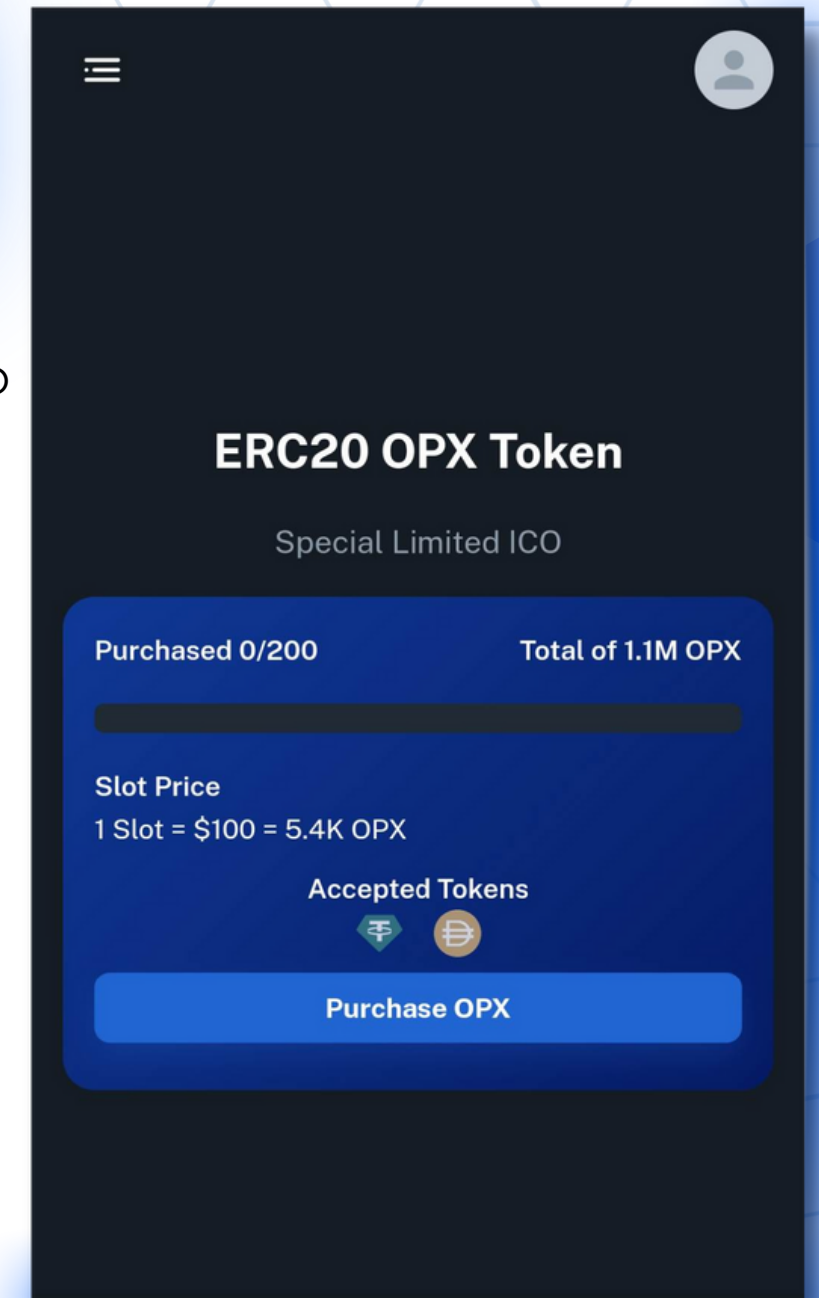
WELL OUR OPX TOKEN HAS ALREADY BEEN RELEASED, AND PRE-SOLD TO OUR PIONEER CLUB MEMBERS FOR AS LOW AS **0.002 USDT**. NOW, OUR OPX TOKEN IS AT **₱2.00 (\$0.037)**, COMPANY PRICE VALUE. YOU CAN **BUY AND SELL OPX TOKEN THROUGH PEER-TO-PEER TRANSACTION WITH OTHER MEMBERS AND NON-MEMBERS AT THAT PRICE VALUE**.

SO, TO INDIVIDUALS THAT IS INTERESTED IN BUYING OUR TOKENS IN A MUCH CHEAPER PRICE AND IN A BULK ORDER YOU CAN PURCHASE THIS SPECIAL ICO. IN THIS SPECIAL ICO THE VALUE WOULD BE LIKE YOUR BUYING OUR TOKEN FOR ONLY **₱1.00 (\$0.018)**.

IT IS LIKE A SMALL **REWARD OR GIVE BACK** TO THE COMMUNITY, THAT IS WHY WE HAVE LAUNCHED THIS PROJECT SO MEMBERS AND NON-MEMBERS ALIKE CAN PURCHASE THIS SPECIAL ICO IN A MUCH MORE CHEAPER PRICE FOR A LIMITED SLOT ONLY.

ONCE, ALL THE SLOT HAS BEEN PURCHASED THAT WILL BE THE END OF THIS SPECIAL PROGRAM BECAUSE WE ALWAYS WANTED TO MAKE SURE THAT "WHALES" WOULDN'T HAVE THE CHANCE TO TAKE THAT OPPORTUNITY TO HOARD AS MUCH TOKENS AS POSSIBLE AND DROP THEM ALL AT ONCE.

ALL IN ALL, OPX PROVIDED OUR MEMBERS REWARDS ON THINGS THEY HAVE ACCOMPLISHED THROUGH OUR PROJECTS AND PROGRAMS. WE ALWAYS MAKE SURE TO COMPENSATE THEM AND LET THEM HAVE WAYS TO ADDITIONALLY EARN INSIDE OUR COMPANY AS WELL AS ENJOY ALL THOSE VARIOUS ACTIVITIES. **SOON, MANY MORE PROJECTS AND PROGRAMS WILL BE LAUNCH**, THAT MEANS MORE WAYS TO EARN TOKENS AND ADDITIONAL PASSIVE INCOME.



# WHAT IS THE CONCLUSION?



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AS THE CURRENT RISE OF THE DIGITAL CURRENCY AND MANY COUNTRIES HAVE ALREADY BEEN USING THIS TO THEIR DAILY LIVES, IT IS NOW THE TIME FOR YOU TO START AND BE PART OF THIS COMMUNITY.

**ON PAL EXPRESS (OPX)** IS A COMPANY THAT WOULD PROVIDE YOU GROWTH, SECURITY, STABILITY, AND EVEN KNOWLEDGE. WE HAVE PROJECTS AND PROGRAMS ON OUR HANDS THAT IS STARTING TO TAKE SHAPE AND FORM AND READY TO BE RELEASED OUT IN THE PUBLIC. WE HAVE **IN-HOUSE PROGRAMMERS AND DEVELOPERS** THAT IS ALWAYS WORKING AND INNOVATING OUR SYSTEM, ADDING VARIOUS PROGRAMS AND SOFTWARE FOR THE STABILITY AND SAFETY OF OUR PLATFORM AND ALSO CREATING NEW WAYS TO PROVIDE ADDITIONAL INCOME AND EARNINGS TO OUR MEMBERS AND NEW WAYS TO MAKE OUR WEBSITE MORE USER-FRIENDLY AND CREATIVE IN A WAY.

WITH ALL THAT DISCUSSION WE HAVE, TOPICS WE HAVE GONE THROUGH, NEW KNOWLEDGE YOU HAVE LEARNED IN JUST A LITTLE TIME WE HAVE WANTED TO PROVIDE YOU SUCH COMPRESS MATERIAL OF WHAT CRYPTOCURRENCY IS ALL ABOUT AND HOW IT CAN BE THE NEXT BIG THING OF OUR FUTURE. PROVIDING YOU ALSO A BRIEF BACKGROUND OF OUR COMPANY AND HOW WE OUR CREATING OUR VERY OPX ECOSYSTEM AND THE FINANCIAL FREEDOM IT WOULD PROVIDE TO OUR MEMBERS.

WE ARE ALWAYS PROUD OF OUR VISION THAT WE ARE GOING TO BE THE LEADING SOLUTIONS IN MERGING THE VIRTUAL AND REALITY, WHICH IS THE NFTS, AND TRADITIONAL BUSINESS AND WE ARE CURRENTLY IN THE TALKS WITH SOME BUSINESSES AROUND HERE AND IN THE PHILIPPINES FOR OUR FUTURE PROJECTS TO COME. THIS WOULD ALSO INCLUDE A FRANCHISING OR RE-BRANDING OF YOUR OWN SHOP AND CREATING DAPPS SO THAT THEY CAN RECEIVE OPX TOKEN OR OTHER CRYPTOCURRENCY AS ITS PAYMENT METHOD.

THE CONTINUOUS GROWTH OF CRYPTOCURRENCY AND DIGITAL ASSETS AROUND US IS A SIGN FOR YOU TO FINALLY TAKE THAT STEP FORWARD AND PEAK INTO THIS OTHER WORLD, WITH US AS YOUR PARTNER INTO THIS UNCHARTED WORLD WE WILL GUIDE YOU ALL THE WAY. **ON PAL EXPRESS (OPX) IS THE RIGHT COMPANY FOR YOU AS WE ARE STRAIGHT-FORWARD, TRANSPARENT, INNOVATIVE, ALWAYS LOOKING OUT FOR OUR MEMBERS INPUT AND SUGGESTION AND WE ARE SAFE AND SECURE.**

# KEY TAKEAWAYS



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- **CRYPTOCURRENCY** HAS BEEN **ADOPTED BY MANY COUNTRIES** AND MANY OF THEM HAS ALSO BEEN **ESTABLISHING CRYPTO ATMS** ALL OVER THEIR COUNTRIES. SOME COUNTRIES HAVE ALSO SHOWN INTEREST WITH THE ADAPTATION OF THIS DIGITAL ASSET OR CRYPTOCURRENCY WITHIN THEIR RESPECTIVE COUNTRY.
- DECADES BEFORE THE BITCOIN HAS BEEN ANNOUNCED TO THE WORLD, THE IDEA OF CRYPTOCURRENCY OR DIGITAL CURRENCY HAS ALREADY BEEN DABBLED AND A PIVOTAL FIGURE IN CRYPTO'S EARLY DEVELOPMENT WAS **UC BERKELEY'S DAVID CHAUM IN 1982.**
- HE INVENTED THE "**BLINDING FORMULA**" AND RELEASED HIS OWN DIGITAL CURRENCY CALLED "**ECASH**" THROUGH HIS COMPANY **DIGICASH IN THE 1990S.** WITH THIS, HE SUCCESSFULLY DEMONSTRATED HOW IT CAN SECURELY SEND AND RECEIVE DIGITAL TOKENS WITHOUT A CENTRAL AUTHORITY.
- THROUGH THIS INVENTION MANY DEVELOPERS TRIED TO RE-CREATE IT ALTHOUGH MANY HAVE FAILED THIS WOULD FURTHER INFLUENCE **SATOSHI NAKAMOTO**, THE INVENTOR OF **BITCOIN** TO EMULATE THE SAME PROPERTIES OF GOLD AND ITS SCARCITY.
- **BLOCKCHAIN** IS A TYPE OF SHARED DATABASE THAT DIFFERS FROM A TYPICAL DATABASE IN THE WAY IT STORES INFORMATION; BLOCKCHAINS STORE DATA IN BLOCKS LINKED TOGETHER VIA CRYPTOGRAPHY. IT IS A DECENTRALIZED DIGITAL LEDGER OR **DISTRIBUTED LEDGER TECHNOLOGY (DLT)** THAT RECORDS TRANSACTIONS ACROSS A NETWORK OF COMPUTERS, MAKING IT VIRTUALLY IMPOSSIBLE TO ALTER OR TAMPER WITH THE RECORDED DATA.
- **DECENTRALIZED BLOCKCHAINS ARE IMMUTABLE**, WHICH MEANS THAT THE DATA ENTERED IS IRREVERSIBLE.
- **SMART CONTRACTS** ALLOW FOR THE AUTOMATION OF TRANSACTIONS, REDUCING THE NEED FOR INTERMEDIARIES AND MINIMIZING THE POSSIBILITY OF HUMAN ERROR.

- IN **2008**, **SATOSHI NAKAMOTO** INTRODUCED **BITCOIN** AND LAID OUT A PLAN FOR A **PEER-TO-PEER INTERNET-BASED CURRENCY**.
- THEY USED THE CONSENSUS MECHANISM CALLED **PROOF-OF-WORK (POW)** TO VALIDATE BITCOIN'S NETWORK.
- NAKAMOTO MINED THE **FIRST BITCOIN BLOCK (AKA "GENESIS BLOCK")** IN EARLY **2009** AND SOON SENT THE FIRST SUCCESSFUL BITCOIN TRANSACTION TO THE **DEVELOPER HAL FINNEY**.
- A YEAR LATER, THE **PROGRAMMER LASZLO HANYECZ** MADE THE **FIRST RECORDED REAL-WORLD PURCHASE WITH BITCOIN WHEN HE BOUGHT PAPA JOHN'S PIZZAS FOR 10,000 BTC. CRYPTO ENTHUSIASTS STILL CELEBRATE THIS EVENT ANNUALLY WITH "BITCOIN PIZZA DAY" ON MAY 22.**
- THE QUESTION OF **WHO SATOSHI NAKAMOTO** IS REMAINS **ONE OF THE GREATEST MYSTERIES IN THE CRYPTOCURRENCY WORLD.**
- **ON PAL EXPRESS (OPX)** IS THE LEADING SOLUTION FOR **TURNING NFTS INTO REALITY.**
- THE COMPANY PROVIDES A RANGE OF SERVICES SUCH AS **MERCHANTS AND PARTNERS THAT WOULD ACCEPT AND ALLOW OPX TOKEN AS A MEANS OF PAYMENT FOR THEIR PRODUCT OR SERVICES, ADVERTISEMENT PROGRAM, SPECIAL PROJECTS, OUR OPX TRADITIONAL BUSINESS ECOSYSTEM, WEBSITE DESIGNING FOR YOUR PERSONAL OR PROFESSIONAL USE, REFERRAL COMMISSION AND MANY OTHER MORE.**
- ONE OF THE ADVANTAGES OF OPX IS THAT IT IS LINKED WITH TRADITIONAL BUSINESSES, THAT IS WHY TO CREATE A NEW FINANCIAL OR WHAT WE CALLED **OPX ECOSYSTEM** FOR THE WORLD WITH THE COMBINATION OF VIRTUAL AND REALITY (TRADITIONAL BUSINESS) IS POSSIBLE.
- **CRYPTO ECOSYSTEM** IS A NETWORK OF DIGITAL PLATFORMS AND TECHNOLOGIES THAT ENABLE USERS TO TRANSACT WITH CRYPTO.
- **OPX ECOSYSTEM USING TRADITIONAL BUSINESSES: OIL AND GAS, BPO, AGRICULTURE, REAL ESTATE, REMITTANCE, LIVESTOCK, FRANCHISE BUSINESS, I.T. SERVICES AND MANY MORE.**

- IN THIS ECOSYSTEM, EVERYTHING WILL BE UNDER A **SMART CONTRACT** AND EACH BUSINESS WILL BE ABLE TO RECEIVE OR OFFER, **OPX TOKENS AS THE NATIVE CURRENCY** AND MEANS OF PAYMENT FOR THE PRODUCT OR SERVICES A CERTAIN BUSINESS WILL OFFER.
- WE ARE ALSO LAUNCHING **DECENTRALIZED APPLICATIONS, OR DAPPS**. THESE ARE SOFTWARE PROGRAMS THAT RUN ON A **BLOCKCHAIN OR PEER-TO-PEER (P2P) NETWORK** OF COMPUTERS INSTEAD OF ON A SINGLE COMPUTER.
- **DAPPS** USE **SMART CONTRACTS** TO COMPLETE THE TRANSACTION BETWEEN TWO ANONYMOUS PARTIES WITHOUT THE NEED TO RELY ON A CENTRAL AUTHORITY.
- **PROOF-OF-WORK (POW)** DESCRIBES A CONSENSUS MECHANISM THAT REQUIRES A SIGNIFICANT AMOUNT OF COMPUTING EFFORT FROM A NETWORK OF DEVICES. PROOF OF WORK IS ALSO CALLED **MINING**, IN REFERENCE TO RECEIVING A REWARD FOR WORK DONE.
- **BITCOIN** BECAME THE FIRST WIDELY ADOPTED APPLICATION OF **FINNEY'S POW** IDEA IN **2009**.
- VALIDATION IN POW IS MUCH SLOWER SINCE IT IS DONE BY A NETWORK OF MINERS. IT IS TOO RESOURCE INTENSIVE AND ENERGY CONSUMPTION IS MUCH HIGHER FOR THE COMPUTATIONAL POWER IT NEEDED.
- **PROOF-OF-STAKE (POS)** IS A CRYPTOCURRENCY CONSENSUS MECHANISM FOR PROCESSING TRANSACTIONS AND CREATING NEW BLOCKS IN A BLOCKCHAIN. THIS REDUCES THE AMOUNT OF COMPUTATIONAL WORK NEEDED TO VERIFY BLOCKS AND TRANSACTIONS BY MEANS OF **"STAKING"**. UNDER POS, BLOCK CREATORS ARE CALLED **VALIDATORS**. A VALIDATOR CHECKS TRANSACTIONS, VERIFIES ACTIVITY, VOTES ON OUTCOMES, AND MAINTAINS RECORDS.
- **STAKING** - IS A COLLATERAL THAT THE OWNER OF THE COINS OFFER, FOR THE CHANCE TO VALIDATE THE BLOCKS AND EARN REWARDS.

- **OPX** USES THE CONSENSUS MECHANISM, **PROOF-OF-STAKE (POS)** MAKING IT EASIER YET SECURE AT THE SAME TIME FOR EVERY OPX MEMBERS.
- WE HAVE **PROVIDED REWARDS AND COMPENSATION** TO OUR MEMBERS ON EACH AND EVERY PROJECT OR PROGRAM WE RELEASE.
- **SMART CONTRACT REWARD SYSTEM** IS ONE OF THE HIGHLIGHTS IN JOINING WITH US. WE ARE PROVIDING A **50% COMMISSION** ON OUR REFERRAL REWARD FOR EVERY NEW MEMBER THAT WOULD JOIN WITH US USING THE '**REFERRER'S LINK**', HE/SHE WILL BE RECEIVING HALF THE AMOUNT OF HIS/HER INVITEES SUBSCRIPTION FEE.
- **OPX IS NOT OBLIGATING** MEMBERS TO INVITE/REFER SOMEONE. THIS IS FOR YOUR OWN VOLITION AND A REWARD FOR THOSE PEOPLE WHO WANTS TO INVITE OTHERS.
- **STAKING** CAN ALSO BE A GREAT WAY TO USE YOUR CRYPTO TO GENERATE **PASSIVE INCOME**, ESPECIALLY BECAUSE WE ARE PROVIDING DIFFERENT INTEREST RATE AND DURATION DEPENDING ON OUR MEMBER.
- WE HAVE A **STANDARD PACKAGE (WHICH IS CLASSIC, BRONZE, SILVER AND GOLD)** AND **SPECIAL PACKAGE**, IN WHICH IT IS EXCLUSIVE ONLY TO ACCOUNTS THAT **MEET THE REQUIRED REQUIREMENTS** BEFORE IT CAN BE AVAILABLE TO STAKE WITH.
- OUR **SPECIAL ICO** WHICH IS LIMITED ONLY TO **200 SLOTS** AND **\$100/PER SLOT** WOULD GIVE YOU **5,400 OPX TOKENS**. IT IS LIKE YOU'RE BUYING OUR TOKEN FOR ONLY **₱1.00 (\$0.018)/EACH** INSTEAD OF **₱2.00 (\$0.037)/EACH** WHICH IS OUR COMPANY PRICE VALUE.
- **OPX STAKING RATES MAY CHANGE**. THESE RATES AREN'T FIXED, AND FURTHER CHANGES WILL APPLY AS THE COMPANY GROWS.



# QUESTION & ANSWER



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 [admin@onpalexpress.com](mailto:admin@onpalexpress.com)