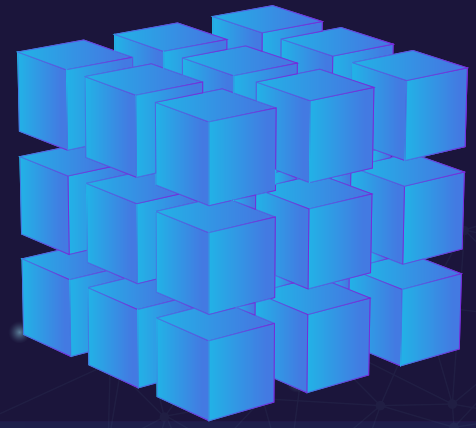




**BLACKPEARL.CHAIN**  
PUBLIC CHAIN REINVENTED  
www.blackpearlchain.io



*Reimagine the blockchain era without limit of speed, and more secure than ever before.*

BlackPearl.Chain - Public Chain Reinvented

## WHAT'S BLACKPEARL.CHAIN?

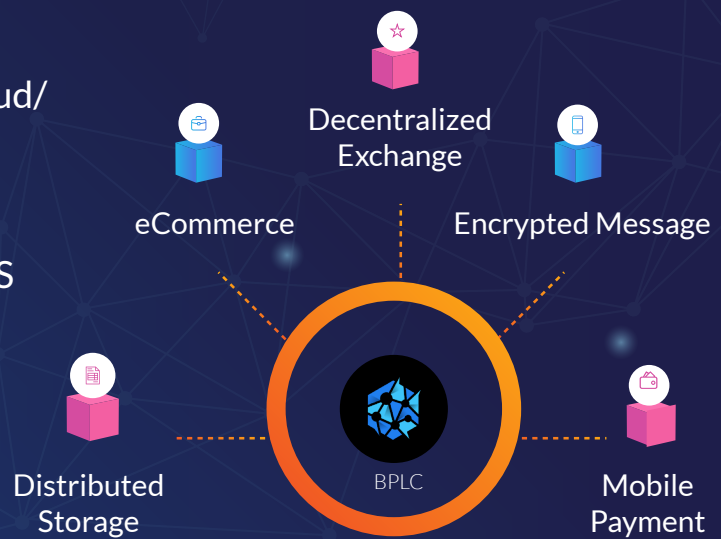
*A new public blockchain Operating system and Network designed from the ground up*

A truly decentralized public blockchain network which enables mobile devices, PC, Cloud/ Data Center servers to run as nodes

Enables worldwide use (7B people) and 10T devices to run simultaneously, with millions TPS and seconds latency

1000x speed increase; fully secure, low power consumption ( $10^{-9}$ )x and super low transaction cost (\$0.05/T)

An infrastructure with expandable throughput which can enable enterprise level decentralized applications



## THE FUNDAMENTAL ISSUE

Current major public chain value system has fundamental flaw. The public chain industry will become victim of speculation tool and will be deserted eventually if no fundamental new business model being created.

BTC, ETH, EOS all rely on

1. producing new token
2. increasing circulation volume
3. sucking in new fiat money
4. controlling token supply by various pledging tricks
5. MLM

in order to pump up the token price.



## PROBLEMS

The problem #1: Current Public Blockchain, no throughput and poor decentralization

The problem #2 : Poor security, and performance can't support real financial services

**A Complete Blockchain Solution Is Needed**

1. Extremely secure
2. New levels of speed and throughput
3. Complete decentralization
4. Minimizes computing resources
5. Ultra-low Gas fee



6. Easy adopted Smart contract platform : 100% compatible with Ethereum, EOS

# SOLUTION

“A True Gen3 Blockchain OS” Is the Answer

BPC - Leading performance  
Target and TEST results:

1. Single shard smart contract trading, continuous TPS is 5730
2. Completely run Ethereum's 420 million smart contract transactions from the whole Ethereum history, took BPC 20 hours (More than > 421,004,776 transactions).
3. Completely run Bitcoin's 400 million transactions from scripts, took BPC about 15 hours.



## FOUR TECHNOLOGY BREAKTHROUGH OF BLACKPEARL CHAIN ARE REINVENTING THE PUBLIC BLOCKCHAIN

Four major technological breakthroughs

1. APP is the node, making full use of idle computing power and bandwidth. Users can install BPC wallet to participate in consensus and block producing.
2. VRF lightning fast consensus, VRF randomly selects this round of voting nodes, BPC pioneers lightning fast consensus, 0.3 - 3 seconds to complete consensus.
3. Super-routed P2P broadcasts allow home broadband to complete up to several thousand Single-shard TPS.
4. Unique intelligent Sharding design solves inter-shard trust, shard asynchronous consensus, inter-shard communication, data distribution algorithm with intelligent load balancing, automatically

## COMPETITIVE EDGE

Consensus protocols in open research from Sok Consensus. BlackPearl.Chain (Added at last row) is clearly the new leader.

	TX/SEC	LATENCY	MSG	MEMBER	COMMITTEE	COIN
Bitcoin	7	600s	O (1)	PoW	-	BTC
ByzCoin	1,000	10s	O (n)	PoW	144	Cypher
HyperLedger	110,000	<1s	-	Perm	4	-
OminiLedger	10,000	~1s	O (n)	PoW	72/25	ZIL
Algorand	0.025	40s	O (n2)	Lottery	50,000	-
<b>BPL Chain</b>	<b>440,000 on lab test</b>	<b>0.3s~3s</b>	<b>O (1)</b>	<b>Lottery</b>	<b>1,000-1,000,000</b>	<b>BPLC</b>

## FACTS & FOUNDERS

BlackPearl.Chain is a company consisting of experts from diverse fields, including IT entrepreneur, business development expert, marketing strategy expert, branding expert, financial expert and many more. By assembling this group of professionals, BlackPearl.Chain is able to benefit from all the technological skills, expertise in the social values of blockchain and the innovations they bring to the table.

**60+** Creative and Dedicated People

**40** Years of combined experience

**7** Years of blockchain experience

**150M** Lines of code (LOC)



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