



2019

THE NEXT CONSENSUS

toward a fair and transparent
next-generation blockchain ecosystem

THE NEXT CONSENSUS

Toward a fair and transparent next-generation blockchain ecosystem

Fantom Nexus is a leading distributed ledger technology company with next-generation consensus algorithm to deliver faster processing speed and higher scalability to be widely adopted in various industries.

Traditional blockchain holds limitation on speed and scalability from generating block at a time whereas Fantom holds a high advantage over the traditional blockchain by generating events instantly.

OUR TEAM



CEO / Dr. Ahn, Byung Ik

- Made 1st electronic map in KT / Started Location-based service Point-I / Established Seeon (Siksin)
- Ph.D in Computer Science, Yonsei Univ. / AMP, Seoul Nat'l Univ. Strategic Entrep., Stanford GSB



CTO / Dr. Lee, Tae Dong

- Research Professor in Research Institute of Info & Comm Tech, Korea Univ.
- Software Leader in Samsung Electronics (1st System Architect)
- Ph.D. in Electrical Engineering specializing in Information & Network, Korea Univ.



Lab / Ph.D. / Sang Min Choi

- R&D of DAG Consensus Algorithm
- Co-Founder, Laftel(streaming service)
- Postdoctoral Researcher, Yonsei Univ.



Lab / Ph.D. / Ji Ho Park

- R&D of DAG Consensus Algorithm
- KT Research Team
- Ph.D in Algorithm Design Lab, and Computer Science, Yonsei Univ.



Tech-Advisor / Andre Cronje

- Expertise in mobile developments & mobile security
- Crypto Briefing:Chief Crypto Code Reviewer
- LLB, Stellenbosch Univ.



Tech-Advisor / Alex Kampa

- Director at Sikoba Ltd 2016
- Senior Technical Expert [Blockchain Competence Centre for European Commission]
- MA in Statistics, Texas A&M Univ.
- Engineer's Degree, Ecole Centrale Paris



Developer / Ph.D. / Quan Nguyen

- Software Engineer, IBM WCM and IBM Watson Content Hub
- NASDAQ QMX smarts group : SW Engineer
- Postdoctoral Researcher, Univ. of Sydney.



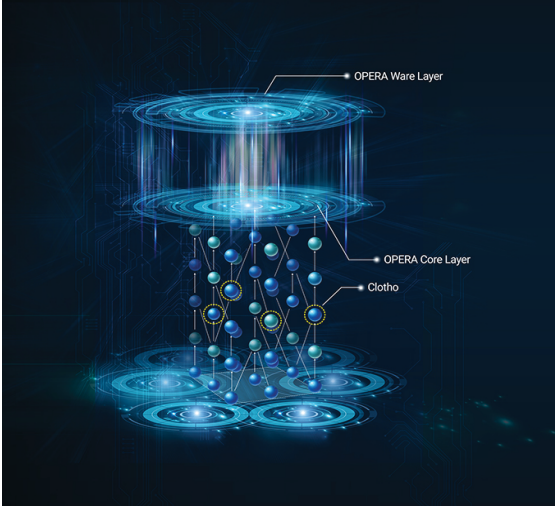
Developer / Ph.D. / Samuel Marks

- Director at Offscale.io
- Senior Technology Specialist at Telstra
- Senior Software Engineer at Alphasise
- Ph.D in Medicine, Univ. of Sydney

TECHNOLOGY

1. Consensus R & D

Transactions will be executed asynchronously with low time to finality (TTF)



<Fantom Opera Chain>

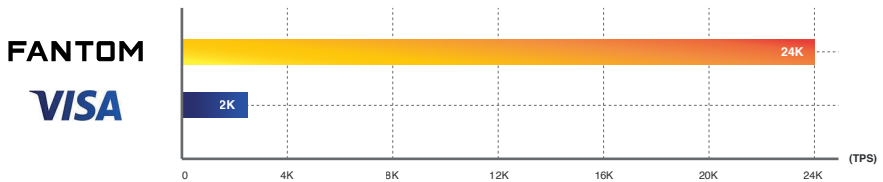
OPFA18060		1/6		
PCT 출원서		(원칙적 형태가 될 것)		
8	국제출발번호			
8-1	국제출원번호			
8-2	국제출원일자			
8-3	국제출발대응일 및 PCT 국제출판			
8-4	의사 PCT80391 - PCT 출원지 0-4-1 유추해 기재된 바의 국명 기재하다.	PCT-SAFE 비전 2.51.085.261 MT/POP 20181001/0.20.5.24		
8-5	원제	기술 설명은 본 국제 출원서의 요약(본출원서)의 제1항에 기재된 기술이다.		
8-6	출원인이 지명할 수 있는 국명	대한민국 특허청 (ROK/R)		
8-7	출원일 또는 제1실용지류출발지	OPFA180660		
I	발명명칭	분산 데이터 시스템 및 데이터 분산 저장 방법		
II	출원인			
II-1	이 지명	오직 출원인 (applicant only)		
II-2	유추 지정국에 대한 출원인	모든 지정국 (all designated States)		
II-4aa	성명	팬텀 퍼블리케이션		
II-4aa	이름	FANTOM FOUNDATION		
II-4aa	주소	케이만 제 2510 그랜드 카이만 케이와이 1-1104 KY 1-1104, 2510 Grand Cayman, Cayman Islands		
II-5a	주소			
II-6	국적	영국 GB		
II-7	외국	영국 GB		
II-8	전화번호	02-772-4000		
II-9	팩스번호	02-772-4001		
II-10	이메일 주소	mail@fantom.com		
II-10(a)	의사 설명을 위한 국명, 주소, 전화/팩스번호 또는 이메일 주소 주소: 2510 Grand Cayman, Cayman Islands 전화번호: 02-772-4000 팩스번호: 02-772-4001 이메일: mail@fantom.com	오직 출원인 및 출원인 의사 설명을 위한 국명, 주소, 전화/팩스번호 또는 이메일 주소 주소: 2510 Grand Cayman, Cayman Islands 전화번호: 02-772-4000 팩스번호: 02-772-4001 이메일: mail@fantom.com		
II-11	출원인 주소	5-2019-001290-6		
출원번호		국제출발번호	발행일자	지명
5-1-2019-004000-62		PCT/RO2018/100423	OPFA180660	국제출원서

<PCT international patent of Technology>

Point of difference from other consensus algorithms

- Creating block asynchronously allows high scalability and fast speed
- Very secure: structurally stable while allowing Byzantine Fault Tolerance
- Able to reach consensus without a separate search algorithm

<Fantom Process Speed (TPS)>



Reference

arXiv paper

- Fantom: A scalable framework for asynchronous distributed systems

: <https://arxiv.org/pdf/1810.10360.pdf>

- OPERA: REASONING ABOUT CONTINUOUS COMMON KNOWLEDGE IN

ASYNCHRONOUS DISTRIBUTED SYSTEMS : <https://arxiv.org/pdf/1810.02186.pdf>

2. Fantom Pay

“The Real Cryptocurrency”

Blockchain based payment platform where merchant fee is low but customer reward is high.



1. Merchant fees reduction
(only exchange fees)

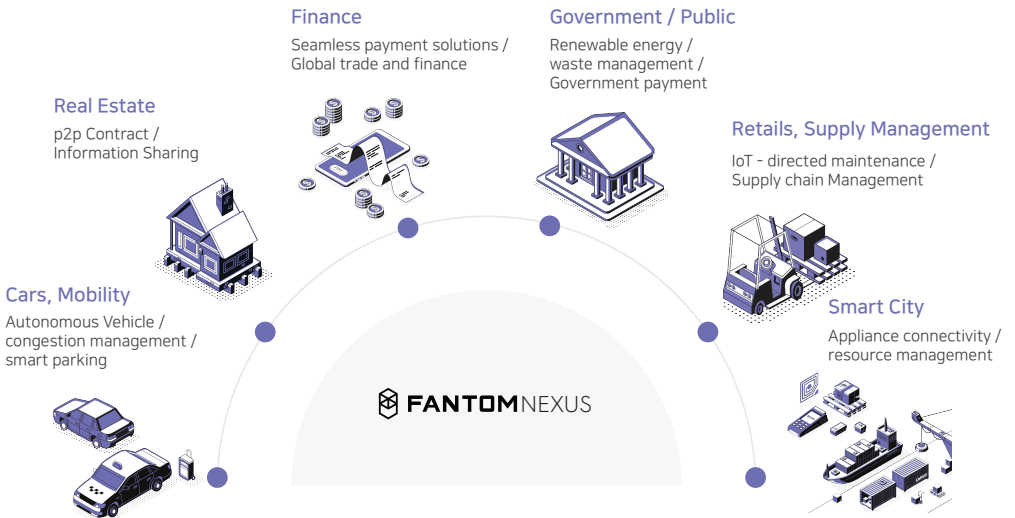
2. Additional customer rewards available from reduced fees

3. Merchants can decide settlement date

4. Cooperation with Fantom partners

3. Application

Adoptability : With fast transaction speed and high scalability, Fantom can be applied in diverse fields in industries.



OUR PARTNERS

ORACLE™

SBCK
SoftBank Group

KG Mobilians

HANCOM
HANCOM SECURE

POSBANK®

SFA SINGAPORE
FINTECH
ASSOCIATION

Danfoss

W2GO
World Smart Sustainable City Innovator

FoodTech Association
The First University of FoodTech
한국푸드테크협회

OBCIA

KBIPA
한국블록체인산업진흥협회

개인정보보호표준포럼
Privacy Security Enhancement Forum

TOSEI

UNIVERSITEIT
STELLENBOSCH
UNIVERSITY

Terra

SikSin

Quantum
EQUITY PARTNERS

富友
FUYOU

WONDERS

sikoba
RESEARCH



wehome

THE NEXT CONSENSUS

*THIS BROCHURE IS A SHORT-FORM SUMMARY ONLY OF INFORMATION THAT IS DESCRIBED AND QUALIFIED IN THE WHITE PAPER. PLEASE RELY ON THE WHITE PAPER TO DULY UNDERSTAND THE SUBJECT MATTER SUMMARISED IN THIS BROCHURE.

News & Media

Nasdaq

<https://www.nasdaq.com/article/beyond-blockchain-how-dagbased-platforms-will-help-the-industry-go-global-cm1036652>

BlockTelegraph

<https://blocktelegraph.io/dr-byung-ik-ahn-fantom/>

HACKED

<https://hacked.com/fantom-the-next-big-thing/>

Bitcoin Exchange Guide

<https://bitcoinexchangeguide.com/fantom-blockchain-project-partners-with-multi-billion-dollar-danfoss-iot-energy-giant/>

서울경제

<https://decenter.sedaily.com/NewsView/1RYBGSRIEF>

sbs cnbc

<http://sbscnbc.sbs.co.kr/read.jsp?pmArticleId=10000902533>

IT조선

http://it.chosun.com/site/data/html_dir/2018/09/13/2018091302284.html

스포츠서울

<http://www.sportsseoul.com/news/read/674592>

Fantom Nexus

10 Teheran-ro 20-gil, Gangnam-gu Seoul

Nexus website : fantomnexus.com

Foundation website : fantom.foundation