



# Whitepaper

Updated on 25 June 2020

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## INTRODUCTION

Launched in 2018, there have been many developments and improvements we've made for the Consentium community. We launched our app on both the Apple App Store and Google Playstore. CSM was listed at US\$0.05 on multiple prominent exchanges, such as Digifinex, and was trading at US\$8.20 during ATH. In 2019, Consentium joined the Binance family after our successful listing on Binance DEX with the most votes on Binance Forum (70.6k community votes). Consentium launched Exonium Exchange in 2019 to propel cryptocurrency into mass adoption and enhance liquidity for CSM holders.

Today, there are 100,000 Consentium community members and 10 business partnerships in our ecosystem. We are excited to announce the latest updates we are bringing to the community.

Firstly, the updated CSM token is built on our new proprietary blockchain technology, CSM Chain. Previously built on the Ethereum network, the Consentium technical team reviewed the feasibility and scalability of the network, and decided that creating a new governance for the Consentium ecosystem would better meet our long term goals. The new CSM Chain is able to process up to millions of transactions per second (TPS), compared to Ethereum's 15 TPS, an important upgrade due to the high volume of transactions in the chat app and payment features of the app.

We will also be introducing a new consensus mechanism and staking system to verify transactions. This will enable our community to enjoy a more efficient system, as well as free, fast and environmentally friendly transactions. More information about the CSM Chain can be found within this [whitepaper](#).

Two years since our initial app launch, the new Consentium App V2.0 will introduce an improved user interface as well as new features. One of the new features includes a "Market" page, enabling users to find important project information and analyse the price charts of the top 10 cryptocurrencies, including CSM. Our new proprietary "Red Packet" function allows users to easily send tokens to in-app users, without having to go through the tedious process to copy and paste the recipient's address. This makes the transaction process more streamlined and secured, as users will not have to worry about making mistakes in the address before sending tokens.

With the latest developments and updates, our goal is to create an integrated wallet and chat application for the cryptocurrency community and make transactions a seamless experience for all.

## EXECUTIVE SUMMARY

Consentium is a revolutionary platform that bridges the gap between social communication and cryptocurrency. Our integrated cryptocurrency wallet allows users to send and receive CSM, BTC, USDT and ETH. Within the same app, users can chat with friends and explore different groups of like-minded individuals. By integrating a cryptocurrency wallet into our chat app, Consentium aims to innovate upon the chat app economy and empower mass adoption of cryptocurrency.

### Current features that are still in the new app

- 1-1 chat
- Group chat
- Multi-Cryptocurrency Wallet

### New Developments

CSM Chain

- Updated Token Supply
- Staking Feature

### Consentium Wallet

- Supports new CSM
- Staking Platform

### Consentium App V2.0

- New Interface
- Market Page
- Red Packet Function

Consentium has always strived to create value to the community, by empowering content creators and tech-savvy individuals to connect with other users through building groups and monetising their group followers. Consentium prides itself on being the first crypto wallet, chat and community app that rewards users for their engagement.

## New In-House Blockchain - CSM Chain

The Ethereum network was the most popular public blockchain network for the development of DApps (Decentralised Apps) and smart contracts. However, Ethereum has considerable limitations and the existing network will be an obstacle towards Consentium's future development and hinder progression on our road map.

After the Consentium technical team reviewed the feasibility and scalability of the Ethereum network, we decided to replace the Ethereum network to form new governance of the Consentium ecosystem. This process will involve migrating our existing Ethereum based, CSM token to our new proprietary blockchain technology, CSM Chain.

The aim of this new technology is to build a decentralized blockchain that can process fast and cheaper transactions, functioning like an operating system, which will make the new chain user-friendly.

CSM Chain has the capability to process up to millions of transactions per second as compared to Ethereum's 15 TPS. A faster and more scalable upgrade is essential for chat apps and payment due to the high volume of transactions occurring within these two features. Instead of using Proof of Work (PoW) like Ethereum and Bitcoin, CSM Chain will use the consensus model called Delegated-Proof-of-Stake (DPoS). Consentium's new blockchain network operates in a democratic structure. It allows our community to vote on block producers to verify transactions. They will be responsible for keeping our network secure. The voting power of each person is weighted to the number of CSM an individual owns. Block producers who fail to perform their task will be voted out in order to maintain sustainability within the network.

Unlike the Ethereum Network, due to the nature of our new consensus mechanism, there will not be any transaction fees for sending and receiving the new CSM tokens. The CSM Chain network is supported by users who stake their tokens and help to verify transactions within the network. In return, they will receive CSM tokens as an incentive for sustaining the network.

### ● Updated Token Supply

Total Supply after migrating to CSM Chain: **150,000,000 CSM**

This new figure is reduced from previous CSM total supply of 240m to 150m, aligning with CSM (ERC20) circulating supply in the market. Since the new CSM will be swapped 1-1 with previous CSM (ERC20), Consentium team will not own any company reserve, allowing a true Distributed Ledger Technology (DLT) to be sustainably maintained.

## ● **New CSM Token Mechanism**

CSM was established in 2018, as an ecosystem to increase the utility of blockchain and tap on the benefits of decentralisation. As is with all technology, the ecosystem continuously upgrades and evolves with the growing users. Today, CSM has completed a new upgrade to its own blockchain. All existing token holders have either swapped to the new coin or will be given the opportunity to swap in July 2020.

## ● **Equal Distribution and Decentralisation**

The biggest change in the new CSM token is governance in code, similar to the governance model of Bitcoin.

Bitcoin is able to achieve the status of decentralisation through having baked-in governance via monetary policy. CSM has a codified monetary policy. This is to uphold the values of decentralisation and to ensure that no one party has the power to overwrite the monetary policy at the expense of other users.

To do this, CSM follows a strict monetary policy that is baked into code. This results in a dynamic interest rate for CSM staked. Rewards are distributed by smart contracts and through onchain staking. This upgrade in the CSM staking mechanism is to allow for true decentralisation. That means permanently removing all founders tokens from the previous token supply.

## ● **Staking**

The New CSM Chain now allows for staking onchain. Rewards to the stake are distributed with smart contracts based on a variable: the percentage of total tokens staked. This results in a dynamic interest rate of tokens. Using the baked in monetary policy, the reward of staked tokens generate on average 15-20% interest p.a. per person.

The coded monetary policy determines the increase in CSM tokens based on the proportion of tokens staked. Based on that, you will get rewarded for your tokens staked.

Staking is done onchain and requires no activities on the user's end. The rewards on stake will also automatically be staked, so users can earn additional interest based on the compounded quantity.

## ● Dynamic Interest Rate

This translates to a dynamic interest on the rewards of your tokens staked. The interest rate is dynamic and dependent on your proportion of the total tokens staked. The interest rate is the amount of tokens generated and distributed proportionally to the tokens staked. As more tokens are staked, compared to the total tokens available, the interest rate varies. The rate is influenced to reward early stakers and to allow for a more sustainable inflation rate for a healthy ecosystem.

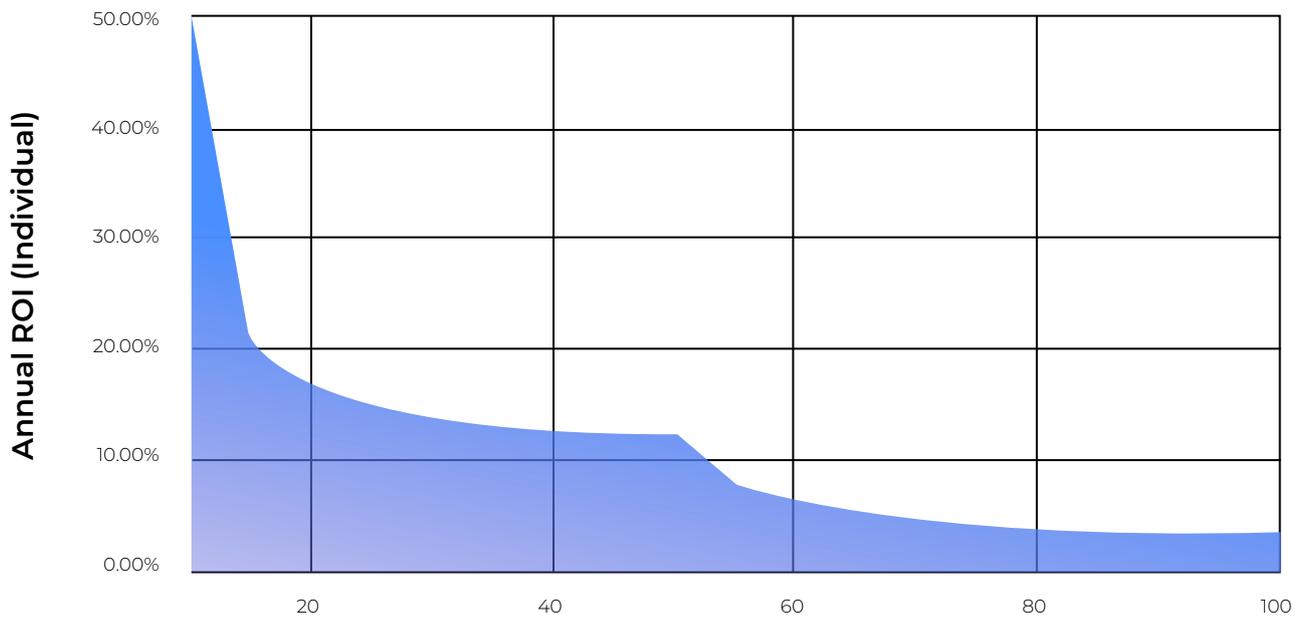
The dynamic interest rate follows a tiered system to reflect the token monetary policy of CSM. The tiered model is constrained between:

Tier	% of tokens staked	Annual ROI Formula (in %)
1	0% to 3%	$=75/(1*(1-3/(4*\% \text{ of tokens staked})))$
2	3% to 11%	$=700/(17*(1-30/(17*\% \text{ of tokens staked})))$
3	11% to 50%	$=1200/(119*(1-950/(119*\% \text{ of tokens staked})))$
4	50% to 100%	$=12/(7*(1-300/(7*\% \text{ of tokens staked})))$

\*add in 3 if it is 3%, instead of 3%.

This is similar to the concept of progressive income taxes. The formula shows the increase in total supply of total CSM as rewards to the tokens staked.

## Annual ROI (*Individual*) vs. Total % staked



The graph shows the rewards of stake (per individual) to the total of supply staked. This is a good general reference to calculate the rewards received.

## Consentium Web Wallet

Due to the technical nature of our brand new CSM Chain, CSM can no longer be deposited in any wallet supporting ERC20 tokens.

Consentium's new web wallet will be the main platform for our community to stake their CSM tokens. Our new wallet operates differently from the usual Ethereum wallet that our community is used to.

CSM chain no longer uses the concept of addresses and uses accounts instead. An account is made up of a Public Key and Private Key.

Public Key can be shared and will be known to the public in order for the network to know the account. Account username will be unique to an individual and it acts like the usual wallet address of an Ethereum wallet.

The Private Key is to be kept confidential and only account owners should know the private key. Private keys provide access to your account, something like your account's password. Wallet users will enter Private Key in order to log in to their wallet account, and have full control of the CSM tokens. Our wallet enables users to stake, unstake, transfer tokens and create accounts for other users within the Consentium network.

Unlike the usual ERC20 token wallet, Consentium wallet requires users to be invited or approved by an existing member to create an account. In order to create an account, users will need to generate a key pair and reach out to existing account owners to activate your account.

With our new blockchain technology, Consentium will also launch a Explorer site for the public to view all transactions, wallets and stakes within the CSM Chain network.

**Consentium Wallet:** <https://wallet.consentium.net/>

**Consentium Explorer:** <https://explorer.consentium.net/>

## Revolutionary Consentium Application V2.0

Chat apps are becoming the new ecosystem for a world of instant services, combining all the services from different apps into one platform. It is a communication tool used by friends and family as well as businesses to share content, videos, photos and other digital media. However, most of the chat platforms available do not satisfy the needs of cryptocurrency activities.

That's when Consentium steps in to innovate upon the chat app economy.

Two years since our initial app release, we decided to relaunch our mobile app with a new user interface and features. Our app features bridge the gap between a chat app and cryptocurrency wallet. That's what makes Consentium different from any app you've ever used. The cryptocurrency community wants a convenient platform that complements their daily activity like trading. Switching between chat app and crypto wallet is such a hassle and thus decreases user experience on the app. By integrating a cryptocurrency wallet into our chat app, users can now perform your transaction without needing to leave the app.

### What's New:

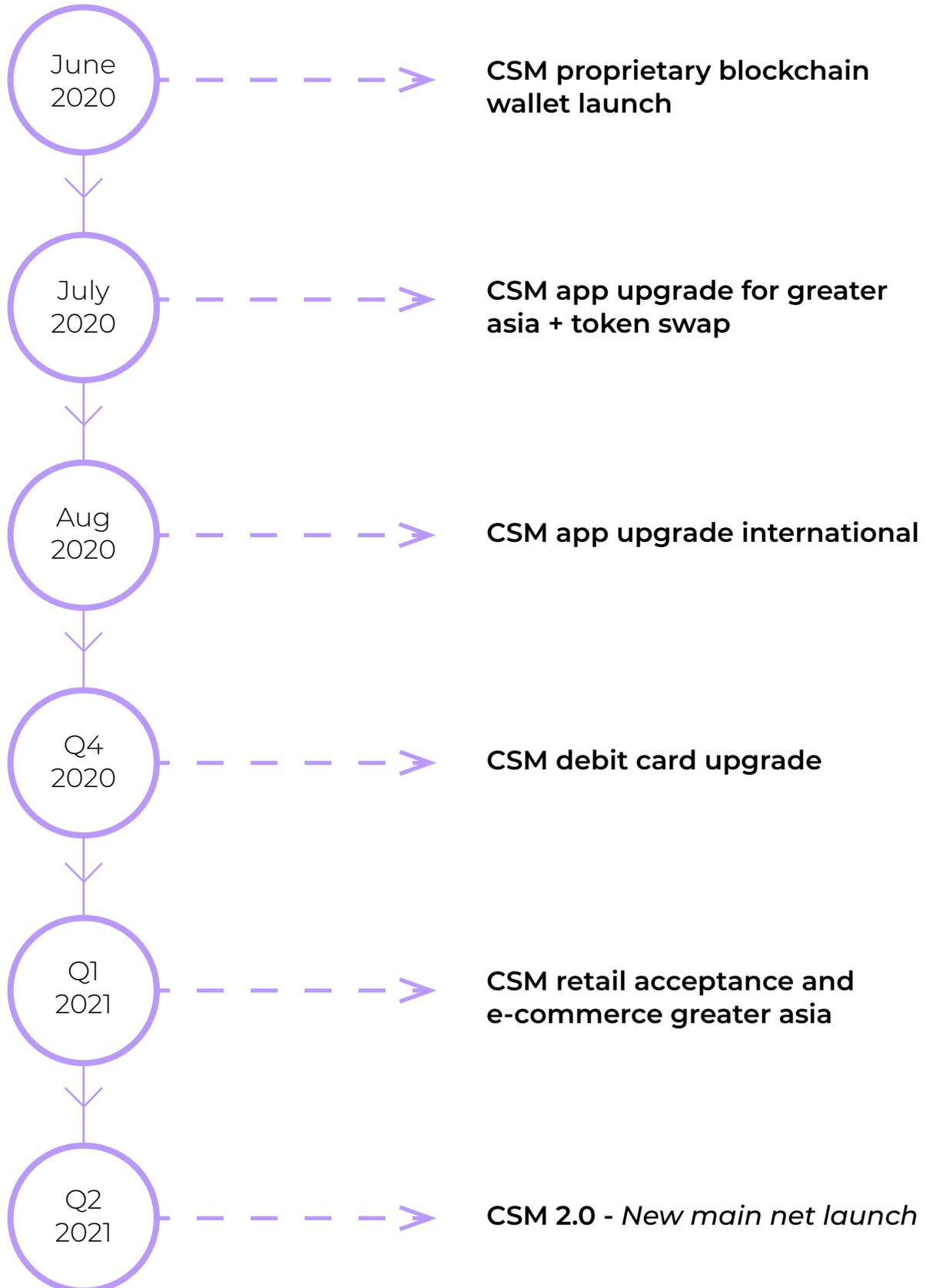
- **“Market” page**

To make tracking the cryptocurrency market more efficient globally by empowering our users with unbiased, high quality and accurate information, Consentium introduces you to our brand new “Market” page. Our users will be able to find important project information and analyse the price chart of the top 10 cryptocurrencies including CSM. Data available includes listing prices, available supply, 24-hour trade volume, and market capitalizations. Never miss out on the price action again!

- **Red Packet function**

By merging a crypto-wallet and chat platform, Consentium enables users to connect with buyers or sellers directly and perform the transaction within the app. We understand that it's a tedious process to copy and paste the recipient's address and make sure that there's no mistake in the address before sending tokens. With Consentium, you can now easily send tokens to in-app users as we enable users to transfer CSM via our proprietary Red Packet function. Never worry about sending to a wrong address anymore, just make sure that the recipient has a Consentium account! We will be updating the Red Packet function in the future in order for users to send other cryptocurrencies other than CSM.

## Updated Roadmap



## Consentium Business Plan

June  
2020

### June 2020 - CSM Proprietary Blockchain Wallet Launch

In alignment with the date for the new CSM Staking feature to be ready for our community, we will launch our new web wallet to enable transactions, storing of CSM and staking. The newly launched wallet will play an important part in the new Consentium ecosystem.

July  
2020

### July & August 2020 - Updated Consentium app for the Asia and International Market

Following our beta testing of the new Consentium app in June, we will be gathering our community feedback before launching an updated version to the public. Other than improving user experience and removing issues on the app, we will also be adding new features for users to interact with. With the new features and improvements in place, Consentium will be launching our revolutionary app to the Asia and International market in July and August respectively.

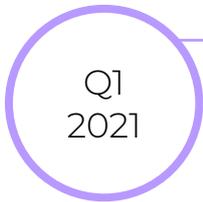
Aug  
2020

Q4  
2020

### Consentium Debit Card Update

Due to Consentium's new blockchain upgrade, Consentium debit cards will be integrating the new CSM token. Consentium debit cards will support the new CSM token and allow users to spend CSM anywhere, anytime. You will be able to use the debit card to pay in about 174 countries, from buying groceries or shopping to tickets to the cinema to dining at your favourite restaurants! To complete the upgrade within our ecosystem, we look forward to allowing users to load new CSM tokens into the Consentium debit card.

## Consentium Business Plan



### CSM Retail Acceptance and E-commerce In Greater Asia

Moving forward, we will leverage on our new app and blockchain launch to venture into the retail industry.

Distributed Ledger Technology (DLT) is a technological advancement that could bring great benefits to the future of the retail industry. After building up traction and catching public interest over the years, we have seen a rise in retailers considering implementing blockchain technology into their business strategy in the future.

Merchants are beginning to step on the path of accepting cryptocurrency payment in order to attract younger, technologically advanced customers by appearing savvy with new cutting-edge technology.

With a multi-cryptocurrency wallet integrated in our app, merchants and consumers will be able to accept and make cryptocurrency payment with ease. Retail adoption of Consentium application will not only expand our community but also add utility to CSM token. Once CSM is adopted by merchants as a medium of exchange, it will promote a healthy token ecosystem beyond our community.

With Consentium App, our merchants will also be able to create new groups to build their communities. Acting as a marketing platform, group chat on Consentium will help merchants to build interest and loyalty towards the brand, allowing their followers to get the first update on important news. Businesses can also send product release updates, promotional materials and business-related media content to keep their community engaged.

# DISCLAIMER

## IMPORTANT NOTICE

1. CSM tokens are not securities, collective investment schemes or units, or business trusts as defined under Singapore's Securities and Futures Act (Cap 289) ("SFA").
2. The offer of these tokens are therefore not regulated by the SFA. There is no requirement for the offer of the CSM tokens to be accompanied by any prospectus. Nor is there any requirement for any prospectus to be lodged with the Monetary Authority of Singapore ("MAS"). No regulatory authority has reviewed any information in this Whitepaper.
3. The Whitepaper, or any part thereof, may not be distributed in any jurisdiction where the contents of this Whitepaper is regulated or prohibited.

## REPRESENTATION & WARRANTIES

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2. You represent and warrant that:
  - You agree that CSM tokens are not securities, collective investment schemes or business trusts under Singapore's Securities and Futures Act, and that these are not securities or similar instruments in any other jurisdiction;
  - You agree to furnish personal information and documents which may be requested by Asia Focus Group Pte Ltd for the purposes of conducting customer due diligence, and that any information furnished by yourself is true and accurate, and that you have not withheld any material information;
  - You, your associates, your businesses enterprises (in which you are the beneficial owner) our family members are not on any sanctions or terrorist lists issued by the United Nations, or any other jurisdictions;
  - You, your associates, your businesses enterprises (in which you are the beneficial owner) or family members have not committed any previous criminal offences, and that you have not used any proceeds of crimes or tax offences (whether belonging to you or otherwise, and whether directly or otherwise) to purchase CSM tokens.
  - You understand CONSENTIUM is not providing you with any investment or financial advice, and that you are acting out of your own volition and have sought your independent financial advice where appropriate;

- You understand fully the investment risks involved in relating to investing in cryptocurrencies generally, and in relation to CSM tokens specifically, and accept all investment risks(including the possibility of losing a part or the whole of your investments); and
- You are not a citizen, resident (tax or otherwise) or green card holder of the United States of America.