



# Mile Whitepaper

30/April/2018  
Whitepaper V1.1

Made by Mile Corporation



[www.mileico.com](http://www.mileico.com)



# Contents

1. Abstract
2. What is Mile?
3. AirMile Project
  - Mile Real-time
  - Mile Leftover
  - Business Mile
  - Mile Tracking
  - Check-in Free Zone
  - Travel Expense Management
4. Mile Consensus
  - Mile Emergency Wallet
  - Mile Ecosystem
  - Mile Share
5. MILEage Platform
  - All into the Mile
  - Free your Wallet
  - Mile Bonus
  - Mile AR
6. Mile Network
  - Mile Member Store
  - Integrated Transportation System
  - Mile Agency
7. Roadmap
8. Distribution

# Abstract

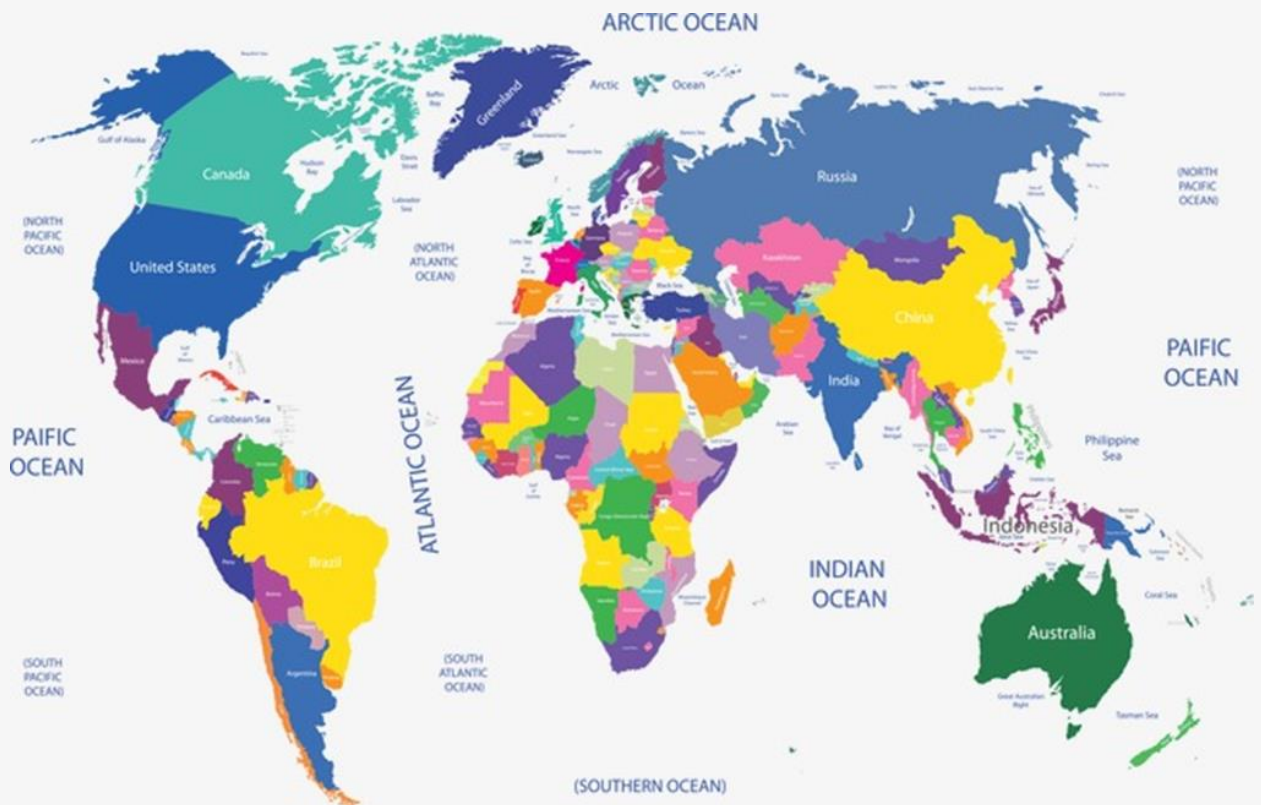
Mile is Australia based mileage integration platform using blockchain technology.

Mile team started with the concept ‘travel’, and has made service in that area.

Main idea of Mile is ‘how to save my time and money when I travel?’

More further, Mile will help all users to eliminate their plastic cards with the motto ‘Free your wallet, free your time’ by integrating all points into the Mile platform.

Mile aims to people free from inconvenience and troubles in their everyday life.





# What is Mile?



Blockchain and distributed ledger technology  
into the travel industry and everyday life  
with its security(trust), traceability and transparency

# AirMile Project

SAVE YOUR MILEAGE



## **Mileage System Utilizing Ethereum Platform**

Decentralized mileage integration system using blockchain technology.

- Mile Real-time
- Business Mile
- Mile Tracking
- Total Travel Expense Management

# Mile Real-time

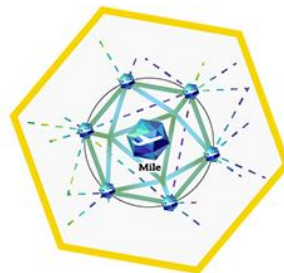
Through Mile platform, travelers can access their own loyalty points in real-time. After landing from a long flight, users can see their points credited to an Mile app immediately that could then be used to pay in the airport from café to limousine service.

Tracking, identifying, and presenting chargebacks become much easier and efficiently with the blockchain technology. So the raw data can be tokenized and kept for data profiling of the passengers.

## Advantages of Mile blockchain solution for Flight



Blockchain technology ensures that vital log data cannot be altered.



Multi-sig authentication system provides data security



Information is stored in the blockchain, transactions are transparent and can be viewed by all users.

# Mile Real-time

Mile platform will be integrate mileage from the most of all airline companies for passengers to use their mileage more conveniently and efficiently.

Users often forget even if they have mileage or not because of the long procedure to check it.

If those points are tracked and stored in a blockchain, users could have instant access to their balance.

Mile helps users to use their points immediately like cash from the airport. Users can use their tokenized loyalty benefits immediately rather than holding on to it until it becomes nothing.

By integrating mileage system, each airline company can provide more options and flexibility in their loyalty program in addition to just bring points to their customers.

Integrated mileage will be called 'Mile' and Mile is given more in non-peak day and time according to the flight schedules.

Through Mile platform, airline companies can boost their sales by making targeted time and cost offers to customers.

Plus, by adopting blockchain, users can escape from the loyalty program fraud because it is much more difficult to commit fraud in the blockchain platform.

# Mile Leftover

Mile offers Peer-to-Peer leftover currency(the small amount of foreign coins and notes at the end of visiting foreign countries) exchange service for travelers.

There will be MILE booths in the every single airport in the future.

Users can deposit their leftover currencies in airport MILE booth and exchange that currencies with other travelers by MILE app.



They can converted them into the various currencies that Mile platform offers including bitcoin.

In MILE booth, users can withdraw their converted currency immediately and spend in the airport shops.

Instead of dumping it at home or exchanging at high discount to market rate, users can convert their currency better through Mile platform.



# Business Mile

There is additional benefits and services for business travelers. Being on-time is the most important thing in the business trip. Mile business service sector can bring users to achieve their goal to management travel, meetings and various events like conventions and conferences, trade fairs, and exhibitions.

For business trip, Mile approach users with different way. For example, choosing an expensive but centrally located hotel is sometimes better than staying in a cheaper but far from the meeting cite.

Mile platform will help users to find right one through personalized searching system.

It will includes finding flexible flight ticket that can be cancelled or changed according to the business schedule instead of finding the most cheapest flight. For users who plan incentive trips to their staffs, there is service to plan and manage group tour more cheaper and efficient way through Mile platform.



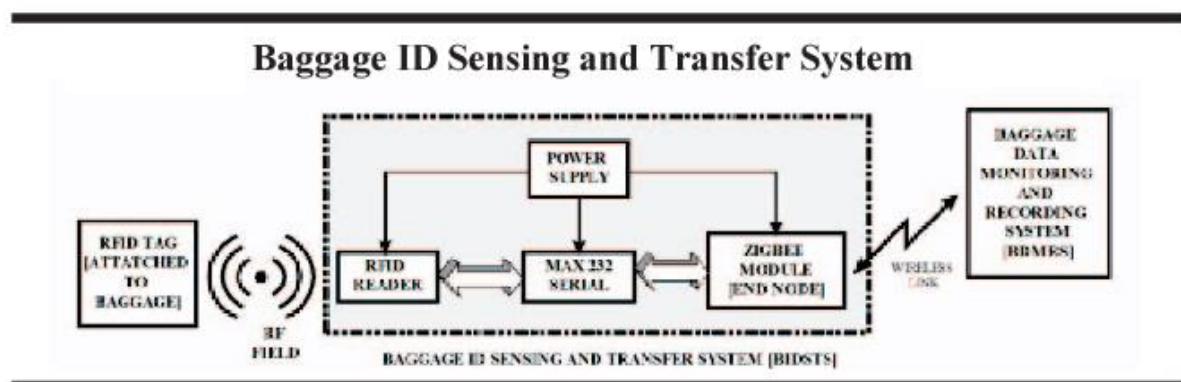
# Mile Tracking

Baggage can be misplaced during air transit. Using a blockchain to log and track the movement of each item enables bags and their owners to benefit from a better workflow.

A shared distributed ledger would allow for luggage and cargo and its ownership details to be automatically logged on a blockchain. It will be used by all users within the airport and between different airports.

Blockchain technology can track who is responsible for each item at every point in the process. With real-time visibility, users could view where the luggage was last logged and double-checked.

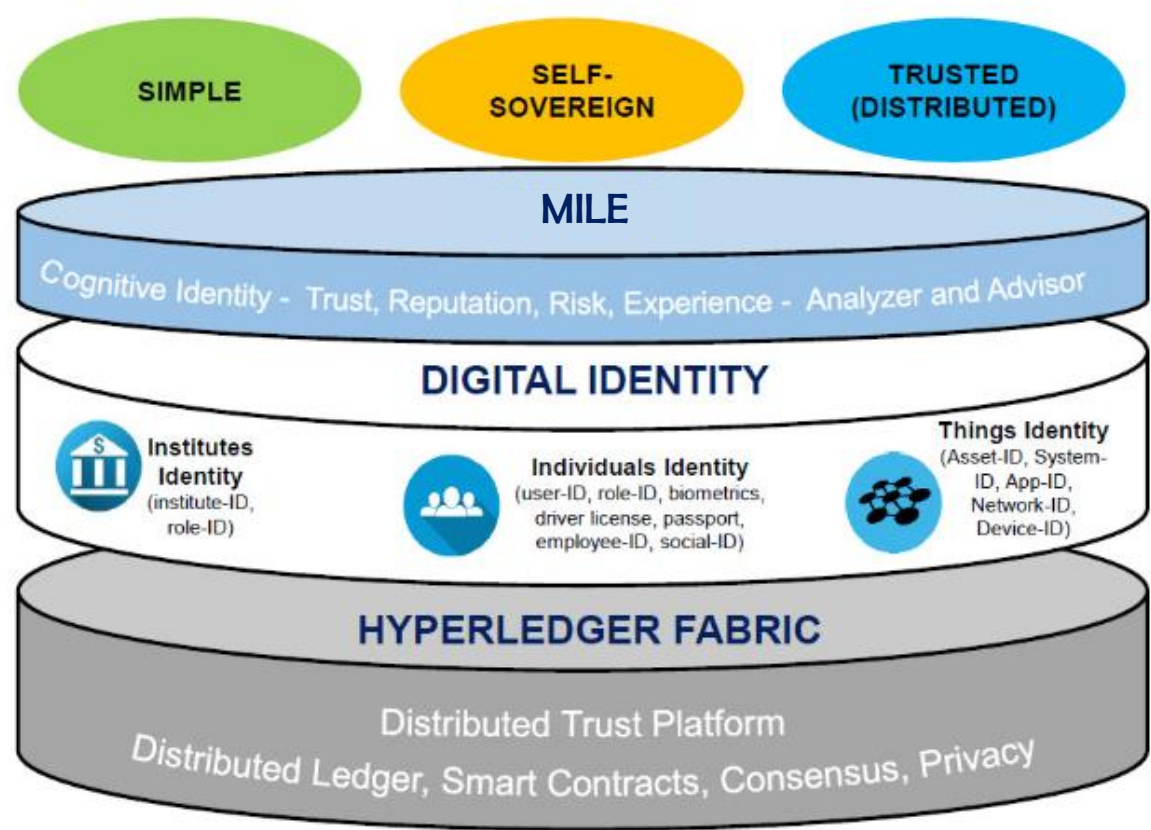
This technology can be used for commercial shipping via air cargo also.



A blockchain could cut down on paperwork in the process and save time and resources for many people and systems.

Mile tracking system can be integrated with global trade or cross-border e-commerce services by making air cargo tracking simple, cost-effective and secure.

# Check-in Free Zone



At the airport, a Mile QR code will be added to a traveler’s baggage for a simple scan to access key data about the owner, helping with baggage tracking and security from suspicious matters.

To bring users more seamless travel experience, Mile helps airports avoid the need to operate costly and complex bio-scanning process.

Mile aims to make check-in free zone for Mile users with smartphone built-in biometric capabilities.

# Check-in Free Zone

Check-in free service will be scalable as Mile platform grows.

Users could arrive at a hotel and being able to skip check-in and get into the room with Mile digital room key.

Ensuring security is a very serious matter for airlines. However, an industry-wide adoption of blockchain technology in the security process could make screening passengers much faster and more reliable.

Traveler's IDs are required at booking, when changing a booking, at security, the boarding gate, duty free shopping and at a hotel.

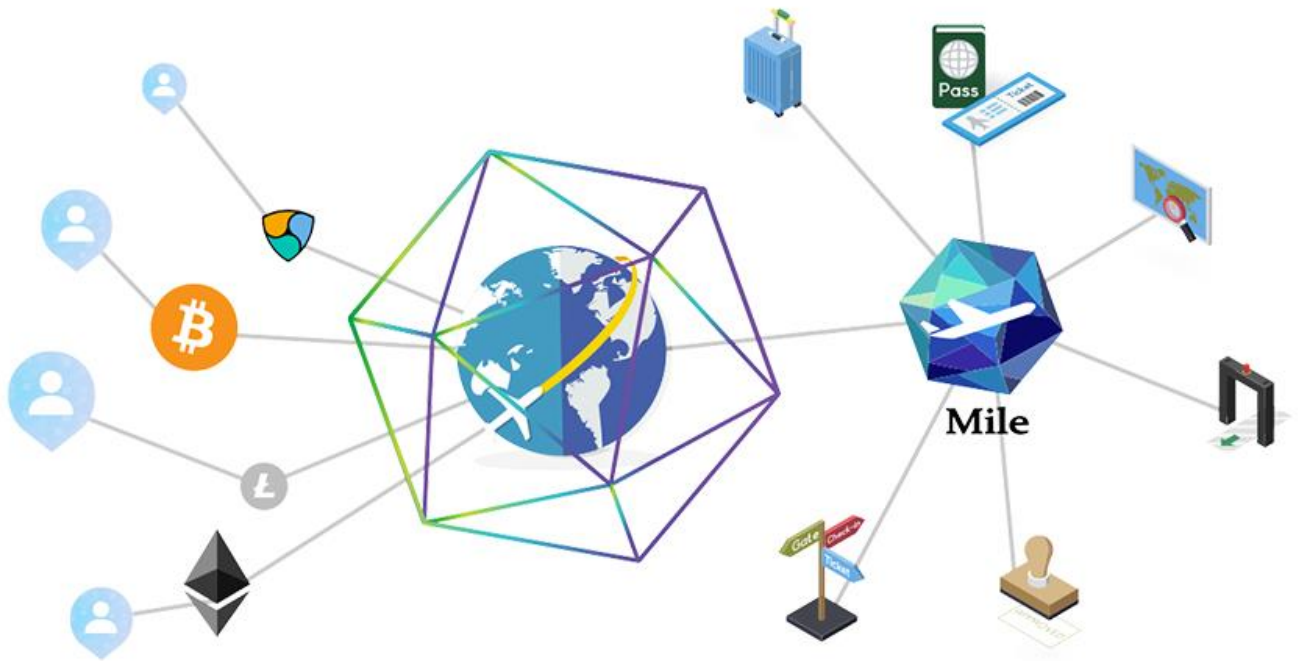
If users don't need to use a passport at all these points in the journey, it becomes more convenient and frictionless experience for travelers.

Using blockchain technology, the digitized passport will incorporate a feature called 'self-sovereign identity' for privacy protection, which it claims allows passengers to control which parties can view their passport information.



# Travel Expense Management

From doing an initial search to booking flights, rooms, and rental cars, all the way through pricing and ticketing, managing reservations, and check-in and departure, Mile can help users to save their time and resources. Mile offers economical solutions for travelers by planning and managing expenses.



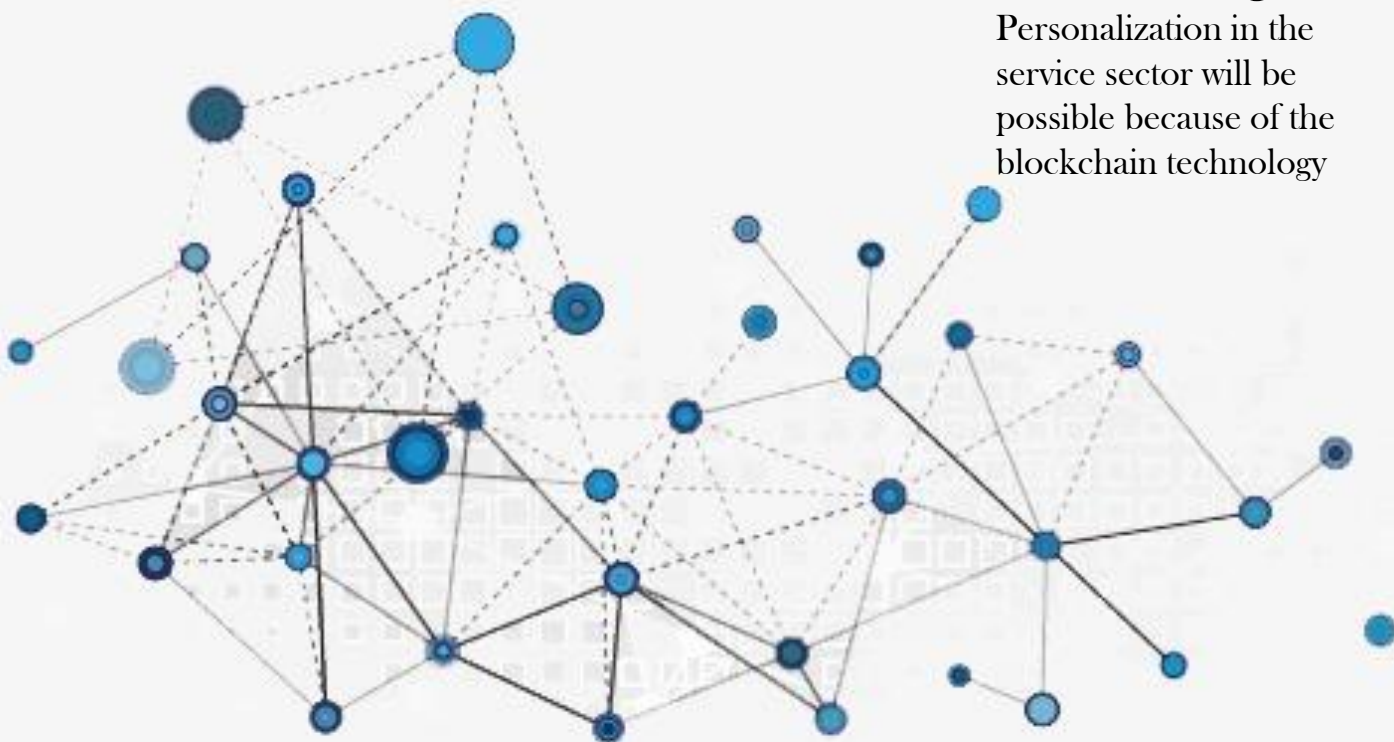
# Travel Expense Management

## Finding route

The movement of all passengers is updated real-time on a Mile blockchain

## Service Integration

Personalization in the service sector will be possible because of the blockchain technology



## Airline Information

Finding the cheapest flight through the integrated big-data solution

## Identification

Partnership with other blockchain project to manage passenger's personal information to identify them quickly and efficiently

# Travel Expense Management



## Decentralization

It is a new dApp. with independent governance for everyone using a decentralized network.



## Price tracking for flights

Select your flights and tap the “Track” button to start tracking prices.



## Price tracking for destinations

Select your flights and dates, and tap the “track” button to start tracking the cheapest flights.



## Easy sharing

Share your tracked flights with family or friends for easier planning.

Use the Mile platform flight search to track the prices of selected flight and destinations.

Check daily and see price changes.

Mile platform score the lowest fares and also let users know when to fly and buy.

Analyzing big-data with blockchain technology.

# Mile Consensus

The core innovation of blockchain is digital trust, provable and intrinsic to the system without reliance on an external authority. Blockchain and a distributed digital ledger technology allows people to trust each other even if they don't know them directly. The recorded data is cannot be altered retrospectively and consensus is reached regarding each transaction, so it becomes easier for various parties to trust each other.

'Mile Consensus' is the way how Mile helps people to trust other people and services when users travel various cities.

- Mile Emergency Wallet
- Mile Ecosystem
- Mile Share



# Mile Emergency Wallet

Mile platform offers P2P emergency wallet service to provide travelers from sleeping on the street because of losing all their luggage and money.

When travelling abroad and travelers are in a foreign country, one of the scariest things they can think of is losing wallet with all their cash and credit cards and be left with no cash in a country where they don't know nobody.

What if someone in that country could come to them where they are and give them the cash they need?



If travelers lose their wallet...



Users can get an access to the Mile SOS through an internet café in that area and go to website, then find a 'Mile SOS'

Users can get Miles instantly and they can converted that into the other currencies as well.



# Mile Ecosystem



**Cut travel cost & Connect with the world**

More developed from airport safety and efficiency, Mile team aims to give users new experience making the city integrated with travel and personalized customer service through Mile platform.



Home rental



Connect with  
neighbors or  
travelers



Outdoor



Leisure

# Mile Share

Book someone's non-refundable airline ticket and hotel room through Mile platform. And if a traveler's flight is canceled or significantly delayed, Mile promises to rebook them on any airline at no additional cost.

Sharing of data among hotels and airlines through a decentralized distribution platform will be possible so cost to intermediaries will be largely cut and information will be shared more transparently.

'Mile Share' will also bring users with socially fit experiences. There is no need to meet middle man like tour guide when local people who have interest and be rewarded by Mile platform meet travelers directly.

Through Mile Share, users can access various services like food and beverage industries also at a much lower fees compared to traditional way of doing it.

Users can directly pay for hotel or travel ticket reservation on Ethereum blockchain.



# MILEage Platform

- All into the Mile
- Free your Wallet
- Mile Bonus
- Mile AR

MILEage platform is for mileage integration of various companies and services. Mile team aims to make seamless user experience in users' everyday life. It is more advanced version of the AirMile project.



# All into the Mile

Like airline mileage, there are thousands of mileages in everyday life.

MILEage platform plans to integrate that mileages into the 'Mile', and users can use 'Mile's like mileage. Users can save all points into the Mile and use them, sell them to other users, and change into other fiat or crypto currencies.

It will be connected closely into the users' life, so it will be integrated also with call plan.



# Free your wallet

## Mile Mobile Application

Total payment solution through mobile application and blockchain technology



## Mile Card

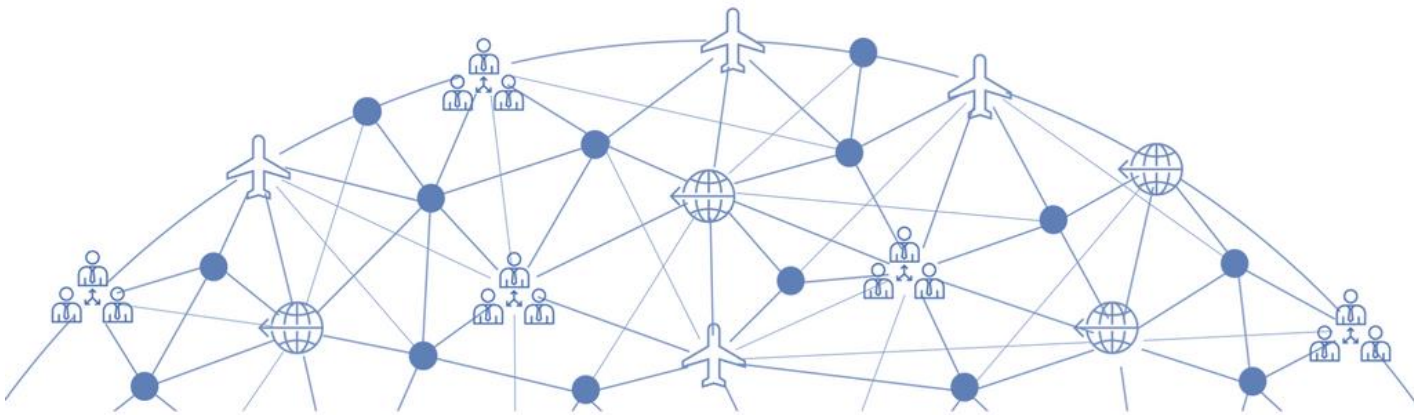
Plastic card to use in offline payment system like POS



‘Free your Wallet, Free your Time’ is Mile team’s motto of the Mile wallet project. Mile team expect users to throw away all the point cards in their wallet. If all ‘points’ are integrated into the one platform, users can save and manage their balance better than now and more personalized service will be possible through that platform using users’ records.

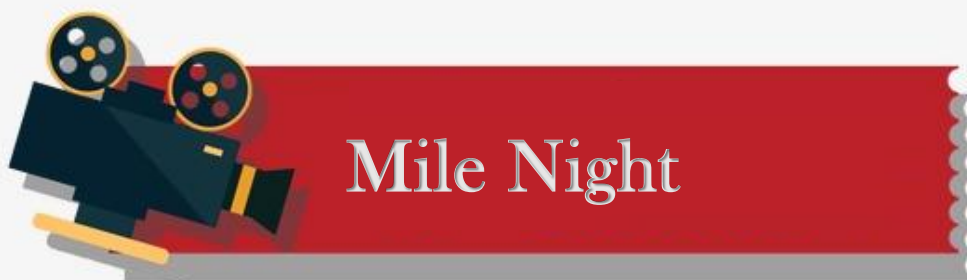
# Save for Your Trip

Users can save ‘Mile’ to travel other cities or countries. Mile helps to get additional benefits to potential travelers. For example, users who book premium hotels with Mile Member Store brand can earn additional Miles. Mile team’s mission is to fuel people’s dream of travel.



# Mile Bonus

Bonus from Mile team. As users use Mile platform in their daily payment life, they can save Mile bonus for cultural purpose. Instead of trip, users can enjoy various contents and users don't have to leave to another place to enjoy your life. It will include movie, book, musical, concert, exhibition, and culture center classes. Users also can pay cultural events with Mile if they want.





# Mile AR



With Augmented Reality technology, users can see visually with their smart device for potential Mile usage. So users can see Mile in anytime and anywhere.

Mile network integrate people, Mile and society  
altogether throughout online and offline.



# Mile Network

- Mile Member Store
- Integrated Transportation System
- Mile Agency

# Mile Member Store



Mile would authorize various store related to the travel industry like hotels to manage Mile platform.

Mile will have partnership with ‘Mile member store’ and in that store, users can save their point with integrating way.

Users can see Mile’s service like check in free and discount in all over the world with seamless travel experience.

Mile member stores are started with East Asia including China and will be scalable to various continents.

# Integrated Transportation System

Mile can build an integrated transportation service using IoT (Internet of Things). With IoT, Mile combines with travel-related contents such as rent-a-car, hotel, bus and taxi.



# Mile Agency

Mile tries to bring back traditional offline travel agency into the real world called 'Mile Agency' with the function of Mile platform's exclusive distributor.

In Mile agency, there are staff charging tour operating, Mile member store managing, destination managing, and business conference organizers.

However, Mile agency is much more than a traditional travel agency because it contains blockchain based Mile platform management.

Each Mile agencies will get additional Mile as an incentive and staffs of the agencies would have a role to bring Mile into the local community.

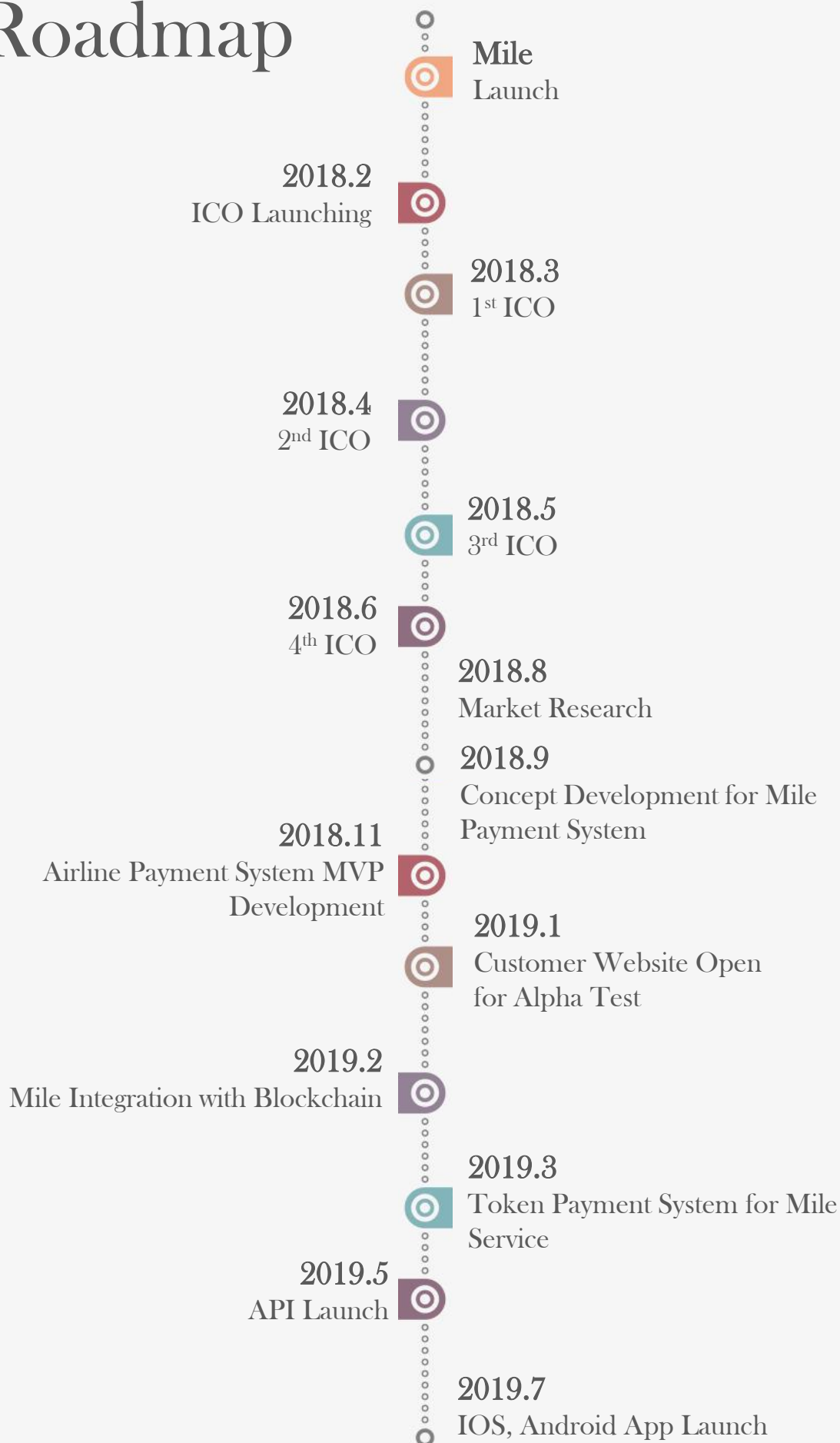
It can be used as sales channel for Mile platform and Mile community can get a instant and face-to-face feedback through offline Mile agencies.

Creating jobs in the local community is one of the sunny sides of the creating Mile agencies.

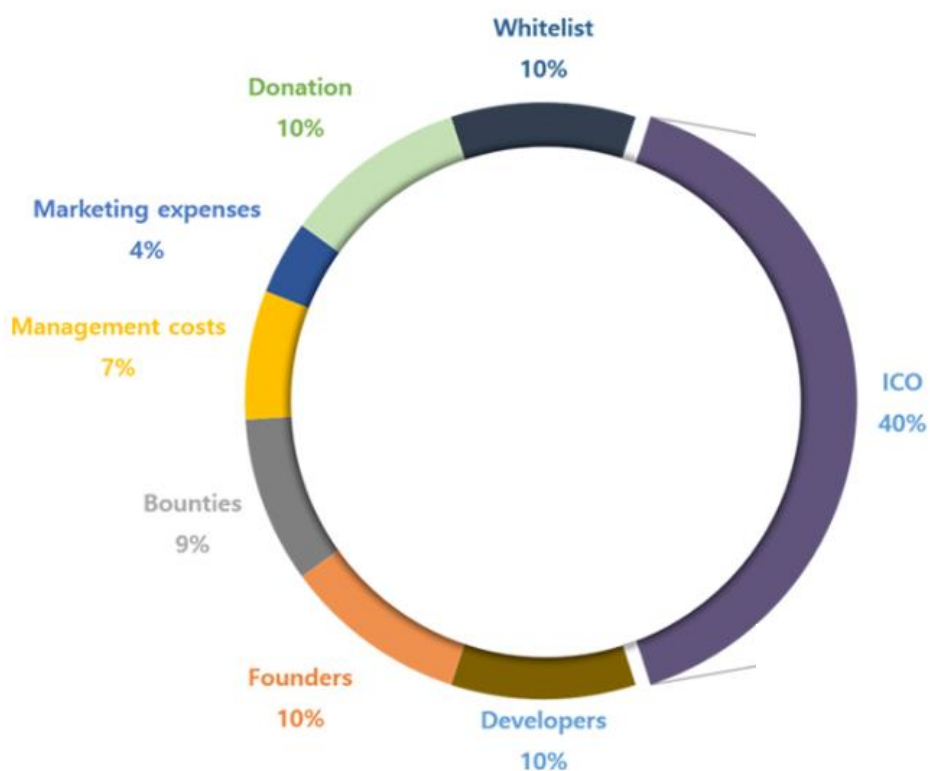




# Roadmap



# Distribution





**Official page**

<https://mileico.com>

**Facebook**

<https://www.facebook.com/Milecoinico/>

**Twitter**

[https://twitter.com/Mile\\_Official](https://twitter.com/Mile_Official)

**Telegram**

<https://t.me/mileico>

**Steemit**

<https://steemit.com/@mileplatform>

**Google**

<https://milecoin.blogspot.kr/>

**Weibo**

<https://weibo.com/6520299488/>