



# BlocVehicle

Connecting your vehicle to people  
around the world!

[ICO.BlocVehicle.COM](https://ico.blocvehicle.com/)

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BlocVehicle Team

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## ✓ **The End Goal of BlocVehicle**

The ultimate purpose of BlocVehicle is to breathe life into a new form of an ecological system of sharing and buying/selling vehicles between BlocVehicle users, primarily by basing its system on the car history data that is uploaded to a blockchain. The basic foundation of such system differs from the ones of traditional car rentals or used-car dealerships, since the data enables each individual to buy, sell, and/or rent, their used cars without having to go through an agency.

## ✓ **What BlocVehicle hopes to Achieve.**

BlocVehicle is creating an unprecedented ecology that is centered on car history data. This type of infrastructure, by providing complete transparency on the value evaluation of an automobile, will be able to advance the automotive industrial ecosystem into that of a much clearer field.

The current market of used-cars and car-rentals are faced with many obstacles:

- ❖ The data of a vehicle's history was not accessible to a single individual, since it is uploaded to an independent, third-party database.
- ❖ As a seller, it is difficult to sell a car at your own price, since the buyer will not be able to confide in the information that you provide.
- ❖ As a buyer, it is difficult to purchase a vehicle at its most reasonable price, since the dealerships of vehicles possess total control over provided information regarding the vehicle's condition.
- ❖ As an individual, it was not systematically possible to lend your car on your own, since there was no guarantee if the vehicle will be in a safe condition to drive.
- ❖ As an owner, the insurance fee that you had to pay was non-negotiable, since the records of your vehicle's maintenance were preserved at multiple third-party sites which were not open for viewing.

BlocVehicle, however, utilizes the blockchain technology so that its users may be able to access their personal car history data, which can be used in our system as a means of generating profit.

In the current market, the history data of a vehicle is updated every time a vehicle goes through a maintenance procedure, and is uploaded to insurance companies and automotive service centers, where it becomes unreachable to the public. On the contrary, this is where BlocVehicle mainly operates – through perfect transparency.

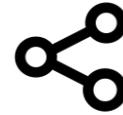
BlocVehicle's plan is to create a massive P2P trading platform where it may be possible for its users to trade all types of second-hand item, from small-scale commodities such as designer bags, to motorcycles or even yachts.

## ✓ Four Primary Services of BlocVehicle



### Vehicle history data

Upload various photos of washing your car, exchanging the car's motor oil, replacing various vehicle parts, and other maintenances that you have administered. This will reward you with VCL Tokens, the record of which will be uploaded to the blockchain. The vehicle history data uploaded to the blockchain will be able to act as a guarantee for your vehicle's maintenance status.



### Open platform

BlocVehicle is open to all; current second-hand car dealers or car-rental businesses can be its users as well. A business may be able to utilize BlocVehicle as a method of amassing additional vehicle data. By choosing to cooperate and coexist with existing businesses in vehicle service, rather than making it a competition, we believe that a more vibrant network of ecosystem can be created.



### P2P Car sharing service

Any user may register his/her vehicle for car sharing/rental to any individual user. Users who register their vehicles for car sharing/rental may be able to generate profit, while users who apply for rentals may be able to drive a vehicle in certified conditions within reasonable rates.



### P2P dealings of second-hand vehicles

Any user will be able to initiate a dealing of second-hand vehicles by themselves without having to go through a dealer. Paying dealership fees will become unnecessary, and as the blockchain system guarantees complete transparency, scams or frauds will be impossible in the transaction.

## ✓ Market Opportunity

Globally, over 90 million transactions of used-vehicles took place in the year of 2016. According to the latest report from Technavio, the total number of sales of used-cars is estimated to increase even more, with more than 128.42 million sales to be expected at the year of 2021, having the compound annual growth rate of the market to exceed 7% in its progress. The sheer volume of tourists and travelers worldwide-who are the majority of the users in car rental business – is increasing in its numbers as well, exceeding 1.2 billion at 2017 and is expected to have its annual growth rate higher than 4%.

## Expected Gross Profit

Used-Car Market [USD]		
Total Volume of Used Cars	Dealership Fee	Total
90,000,000	500	45,000,000,000
	Vehicle Fee	Expected Profit
	10	<b>900,000,000</b>

Insurance Market [USD]		
Number of Cars	Insurance Premium	Total
100,000,000	1,000	100,000,000,000
Insurance Ad Cost(10%)	Vehicle Market Share	Expected Profit
10,000,000,000	10%	<b>1,000,000,000</b>

Car Rental Market [USD]		
Number of Travelers	Rental Car Users(5%)	Rental Cost (200)
1,200,000,000	60,000,000	12,000,000,000
Vehicle Rental Cost(50%)	Vehicle Fee	Expected Profit
6,000,000,000	10	<b>600,000,000</b>

## ✓ Series of Application Programs for Everyone.

### **BlocVehicle App**

Can create and manage car history data. Can also manage personal settings on used-car trades, manage Smart Contractor status for car sharing, and allow/deny car rental requests. All users are able to search for used-cars of their preference, and can also request for rental or bid for a purchase.

### **BlocVehicle API**

Current second-hand car dealers, rental car businesses, or developers of application programs for the car history database will be provided an API to access BlocVehicle Network. This will be able to assist them so that BlocVehicle becomes a means to expand their own business and expertise as well, strengthening the coexistence of both systems, old and new – which works in both ways as BlocVehicle will be able to acquire a larger pool of users in return.

## ✓ VCL Utility Token Economy

VCL Token will be able to strengthen the ecological system of our distinct vehicle rental service. As so, the finite number of 1,000m VCL will be supplied in total.

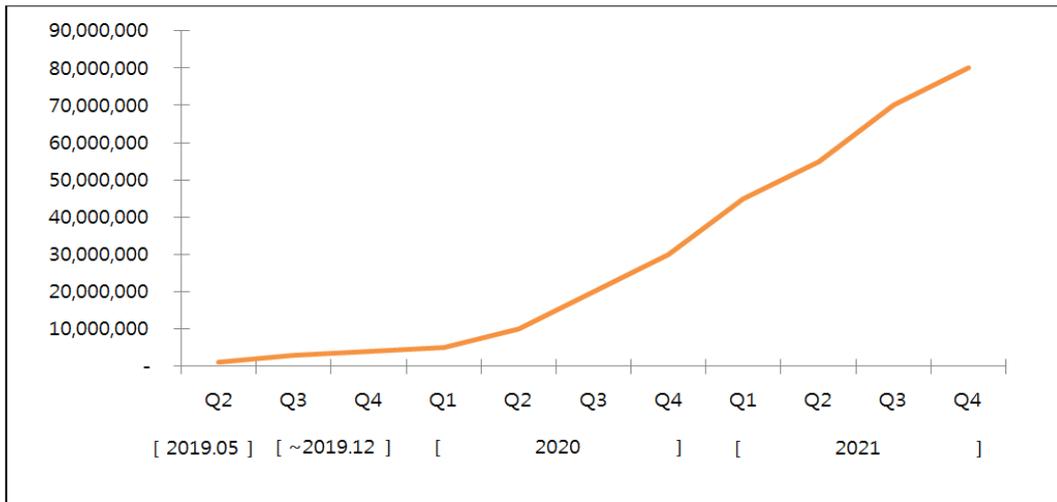
BlocVehicle platform will function as a win-win solution for all of its participants by seamlessly blending into the current, modern-day vehicle rental industry, and also will be able to impose balance on the “asymmetry in provided information” with its guaranteed transparency of the infrastructure.

BlocVehicle Network requires payment in its sole currency, the VCL token, to access its data and utilize related services.

Any registered second-hand car sellers or any users who lease their cars out, including the third parties who uses the data from BlocVehicle Network will have to pay VCL as the form of payment. This will maintain the stability of the BlocVehicle Network, with the added benefit of vitalizing the eco-system.

✓ **Financial**

<Expectation of Registered Car Rate of Platform>



✓ **Token Distribution**



✓ **Fund Allocation**



✓ **Team**



**Changha Lee**

*BlocVehicle CEO and Co-founder  
CEO at Banet Information Technology*

Lee is a CEO and co-founder of BlocVehicle, with passionate interest for Blockchain technology. He also is a successful businessman – having found BaNET Information Technology Co., LTD in 2000, he has developed and maintained his enterprise with a strong team of over 80 software developers. He and his team have provided various security solutions for public and private institutions, mostly on financial databases. One of their products, 'DataGenor', is currently being used as database security solutions at more than 200 major corporations, including Samsung, LG, AIG, and Prudential Life Insurance. BaNET will be a valuable asset in maintaining and securing the technological aspects of blockchain, Back Office, and PMO.



**Kijeong Choi**

*BlocVehicle COO and Co-founder  
CEO at COMPASS System*

KJ Choi founded his enterprise, Compass System, in 1994. Since then, he had built his company's career by developing various key materials for vehicle services, including fields on vehicle navigation circuit boards, CCD Camera Circuit boards, vehicle DVR camera, vehicle surveillance system, and high luminance LCD modules for vehicles. One of the company's automated test equipment (ATE) for semiconductors, AutoMAX 3200, is currently being utilized at Samsung. Choi's enterprise will undertake the role of developing IoT devices that will be essential in consolidating Car History Data.



**Seongtae Kwak**

*BlocVehicle CTO and Co-founder  
CEO at SOFTBase*

Gwak found SOFTBase in 2002, and grew up to HCI(Human & Computer Interface) field of Technology-oriented enterprise. 4GL UI Development Tool "xFrame" which he developed, is used in 100 company from 25 countries such as SAMSUNG and CITIBANK. SOFTBase can be an important part of developing UI and Front Office.



**Sungki Lim**

*BlocVehicle CMO and Co-founder  
CEO at Adweb Communications*

Lim is the co-founder of BlocVeichle and have passion for Blockchain system. He has experience for advertisement and SNS marketing for 15 years. He found Adweb Communities in 2004, and has conducted mobile advertisement more than 100, such as AIG, DB Insurance, Grand Intercontinental Hotel, Korean Air, Office of the Prime Minister, and Ministry of Government Administration and Home Affairs. Adweb Communities can be an important part of marketing and promoting.



**Byoungchang Han**

*CIO*

For the past 23 years, Han has built a strong career of developing software and project managing in the fields of business application software and database security solutions. His experience of participating in large-scale development projects on financial systems has been fully utilized as his asset, with more than 200 major companies (including Samsung, LG, and AIG) adopting his solution for their database security. Han will be in charge of constructing user-friendly system for both software/hardware platform, and will also advise on the application of IPFS/Ethereum.



**Youngkeun Moon**

*PMO*

Moon is expert in Java, Javascript, C, SQL, Database. He has an experience of developing system framework and data security solution in 23 years with analyzing, planning and consulting. He will decide the methods of project development, standardize the project, and supervise process of project



**Jusung Kim**

*Full Stack Developer*

Kim had experience of developing Banking System and Database Security Solution in KDB and SHINHAN Bank for over 14 years. He is a skillful Network expert in Java, Javascript, C and SQL. He is also passionate about Blockchain.



**Munseok Koh**

*Full Stack Developer*

Koh is a professional software expert who has over 18 years of enterprise system development experiences and has a passion for Blockchain. He has lots of system integration career in SAMSUNG, KT, HYUNDAI MOTOR and so on. He is a specialist in system development, and he can handle Java, Javascript, C, Solidity, ANSI-SQL, IPFS, Solidity and other programs.



**Dalsu Byun**

*System Manager*

Kim is a professional system expert who has over 20 years of enterprise network architecture design & build experiences and has a passion for Blockchain. He has lots of network system career in SAMSUNG, WOORI BANK, NONGHYUP BANK and so on. He has various skills related in C and network.



**Changgyun Kim**

*Blockchain Developer*

Kim has been fond of the technological aspect of blockchain from the start. He is an expert in various software skills, including C, C++, Java, JSP, JavaScript, Servlets, Solidity, DBMS, SQL, and JDBC. With his 15 plus years of expertise in developing enterprise application programs and security solution for databases, he will be one of the most valuable assets in leading the general development.



**Dongil Kim**

*System Manager*

Kim is a professional system expert who has over 20 years of enterprise network architecture design & build experiences and has a passion for Blockchain. He has lots of network system career in SAMSUNG, WOORI BANK, NONGHYUP BANK and so on. He has various skills related in C and network.



**Yunho Cho**

*Project Leader*

Passionate about Blockchain, Cho has 18 years of experience in IT and is product designer and project leader through software developer and database designer. He had designed of financial and telecommunication service system and Database Monitoring, CRM Marketing Solution, BI Solution for Visual analysis.

## ✓ Advisors



**Jonghyun Shin**

*Advisor*

*Ex- Managing Director at LG CNS*

Shin had various experience of conducting many projects in LG CNS for 30 years. Having around 6,000 employees and 30 billion USD sales, LG CNS is the best system development company in Korea with local corporation of China, Europe, America, Indonesia, Japan, Brazil, Columbia, Malaysia, Uzbekistan, Vietnam. He conducted from LG CNS of the public/finance business executive director to LIG system CEO



**Jeongkun Lee**

*Co-Founder and Advisor*

*CEO at Saltware*

Lee found Saltware in 2003, and has conducted extra-large architecture system consulting with 90 SW developers and consultants. He provided "BIPS enView," a Portal Solution, and Contents Streaming to around 100 corporations. He is a Global Partner with IBM, SAMSUNG, amazon, DELL. Having passion for Blockchain, he has confidence that the Blockchain technology can change the world.



**Wonsuk Lee**

*Advisor*

*Professor of computer science at Yonsei University, in Seoul*

Lee is an expert on the field of Big data, and passionate about Blockchain. Lee has duty of Member of deliberation committee of National Information Society Agency, Chairman of Big Data Division, National Informatization Forum. He graduated from Boston University and got doctor's degree from Purdue University.



**Gyomoon Jin**

*Advisor*

*CEO at EZFARM*

Jin graduated from Seoul University of department statistics. He is a founding member of Cybertekholdings which is venture company for Cyber Security. He had experience in SAMSUNG Electronic CO, developing Sambo computer software, and marketing. He also had two times of experience of IPO with his own foundation company iVilleSoft which is the first online education in Korea, listed on KOSDAQ. He participated as an executive of Neungyule education and Time Education Holdings and as an initial investor of mobile and education business. Currently, he is a CEO at EZFARM that IT technology combine with agriculture. He has new challenged to combine IoT, Big Data, and Blockchain to agriculture.



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