



## MOBI expands with the addition of new members and key working groups

*KAR Auction Services, Swiss Reinsurance Company, RouteOne, VINchain, and others join major automakers and tech companies harnessing blockchain and related technologies to make mobility greener, safer, and more accessible.*

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Los Angeles, U.S., December 5, 2018 -- The Mobility Open Blockchain Initiative (MOBI) announces the addition of 24 new community members and three new working groups. They will be contributing to an already growing network of major automakers and tech companies and will help accelerate the development and adoption of blockchain-enabled vehicle data and standards for mobility services. With the onboarding of new members, MOBI is expanding the breadth of expertise ranging from supply chain to insurance companies, non-profit organizations, and academic institutions.

“We are delighted and deeply gratified by the support the industry, entrepreneurs, academics, NGOs, and government entities have provided to MOBI since our launch in May”, says MOBI’s Founder and CEO Chris Ballinger. “Our rapid growth has allowed us to expand our research and further our mission to make mobility safer, greener and more available.”

MOBI community members to be announced today include: AMO Labs, Cerebri AI, Circular, Cognizant, Cyber Physical Chain, DLT Labs, DMX (Dealer Market Exchange), Evernym, IN2CAR, KAR Auction Services, Leep Network, MintBit, Netsol Technologies, NewCities Foundation, Noblis, On the Road Lending, Pravici, R3 LLC, RouteOne, Spherity, Swiss Re, USC Viterbi Center for Cyber Physical Systems and the Internet of Things, Velocia, VINchain, XYO Network.

MOBI has employed the use of multiple working groups to foster collaboration and teamwork within the MOBI community and assist in the development of secure and transparent end-to-end solutions for future multi-modality e-mobility solutions. In addition to the two active working groups on **Vehicle Identity** and **Usage-Based Insurance**, three new working groups will be established to address a broader spectrum of potential use cases for blockchain and distributed ledger technology in the mobility sector:

The **Supply Chain** working group will be exploring challenges in the automotive supply around inbound parts, outbound vehicles, and others that can be solved with blockchain. Current supply chains are spread across hundreds of stages over multiple locations and often across countries and continents. Crucial data is stored on paper, in emails, or in systems that do not communicate with each other. This lack of transparency results in customers not knowing the origin or value of the goods being purchased. Blockchain can address this and track the progress and provenance of products and parts moving across supply chains.

MOBI has formed an **Autonomous Vehicle (AV) Data Markets** working group to assess use cases surrounding the transactions in AV, including but not limited to shared mobility, automotive IoT, and

insurance claim processing and the safety of data generated by such transactions. The autonomous vehicle market size is projected to grow to 6 billion USD by 2025. As this number grows, the volume of data will increase significantly, justifying cause for crucial insight into the value of blockchain in this field.

The **Electric Vehicle Grid Integration** working group will evaluate the potential value proposition of blockchain and logistics for use cases such as peer-to-peer smart contracts, tokenized carbon credits, vehicle-to-grid (V2G) energy storage, and others. Smart contracts, for example, have the potential to reduce range anxiety for drivers, increase the attractiveness of EVs, and pave the way for changes to the electricity grid. Tokenized carbon credits can be used to identify and allocate credits to customers and cut high costs involved with charging stations for EVs.

“Verifiable vehicle journeys are critical to building a trusted, intelligent, and shared mobility ecosystem,” said Jean Belanger, CEO and co-founder of Cerebri AI. “AI and blockchain are the two biggest disruptors in technology today. We look forward to working with MOBI members across the mobility value chain to bring these technologies together as we create interoperable, scalable solutions that reimagine the business models of the future.”

“We are very delighted to be part of MOBI. The integration of the automotive industry and the blockchain has always been an area that CPChain attaches great importance to. CPChain will be more involved in Vehicle Identity and User Based Insurance workshops. In addition, there is also huge potential for CPChain’s PDash data marketplace to coordinate with the new Autonomous Vehicle (AV) Data Markets workshop.” — Dr. Long Chengnian, CEO of CPChain.

Loudon Owen, Chair and CEO of DLT Labs™ says, “DLT Labs has a deep track record in innovation, one of the world’s largest pools of highly experienced blockchain experts, and longstanding relationships with members of the MOBI community, so we are honoured to join this assembly of leaders who wish to revolutionize transportation and mobility on the blockchain.” Owen added, “With the advent of autonomous vehicles, AI and other disruptive innovations, we are fielding inbound calls every day to help enterprise customers manage data, create efficiencies, and protect their stakeholders.”

“As a MOBI community member, KAR is committed to taking an active role in accelerating the future of the automotive industry and working to build a more transparent and trustworthy ecosystem,” said Don Gottwald, KAR chief operating officer and chief strategy officer. “Through MOBI’s open-source approach to blockchain software tools and standards, and our participation in these newly formed working groups, we hope to collaborate on the development of standardized blockchain-enabled vehicle data and mobility services applications.”

“The transportation and mobility industry is becoming more complex, more fast-moving and more interconnected. Against that backdrop, holding on to isolated, centralised value creation does not only not make sense, but it is also actually counter-productive to the future of the industry. MOBI is looking to change that, and I’m proud to be contributing to that paradigm shift.” — Arwen Smit, Blockchain Strategist at MintBit

The NewCities Foundation is looking forward to working with MOBI and its strong global network to collaborate on advancing ways in which Blockchain and distributed ledger transactions can enhance urban services and provide better economic development and wellbeing for all urbanites. NewCities works with the most forward thinking cities around the world, where the adoption of Blockchain technologies promises more efficient operations, maximizing environmental efforts and creating new citizen services. I'm particularly looking forward to working with MOBI's Autonomous Vehicle working group to encourage and enable cities to adopt and scale Blockchain technologies throughout their transportation and mobility operations. — John Rossant, Founder and Chairman of NewCities

“It's RouteOne's continued dedication to innovation that is fueling our collaboration with MOBI,” said Justin Oesterle, RouteOne's Chief Executive Officer. “As a participating member, we are eager to contribute to, and benefit from, MOBI's innovation process as we actively engage in creating the automotive retailing of the future. We believe that MOBI will benefit our owners, our customers, and the industry.”

“Our world is driving towards the 'Internet of Everything' with fully autonomous machines and entirely new business models. With MOBI, we are excited to collaborate in advancing the future of mobility. Decentralized Digital Twins will very soon be an absolute necessity for both the fourth industrial revolution and our mobility systems.” — Dr. Carsten Stöcker, CEO & Founder Spherity; Founder Interlinked Protocol

“Velocia is very proud to be part of an initiative that has provided an ecosystem where thought leaders in the mobility and blockchain spaces can come together to collaborate and help solve real world issues leveraging emerging technologies.” — David Winterstein, CEO of Velocia

“We're proud to be an active founding member company of MOBI, which has emerged as a formidable advocacy organization and unifying voice in the industry,” noted Markus Levin, co-founder of XYO Network. “From our perspective as the relative location-validation experts, we look forward to expanding awareness and actual integration of blockchain-enabled vehicle data and mobility service standards, across the industry.”

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## **About MOBI**

MOBI is a nonprofit foundation formed to accelerate adoption and to promote standards in blockchain, distributed ledgers, and related technologies for the benefit of the mobility industry, consumers, and communities. MOBI and our partners are creating simple, standard and digital ways of identifying cars, people, and trips, of paying for mobility services, and securely exchanging and monetizing data in ways that preserve property rights and privacy.

MOBI is working with most of the world's large automakers and many mobility ecosystem players, along with many start-ups, non-profits, governments, transit agencies, and technology companies. We are convinced that by working together we can make mobility services more efficient, affordable, greener, safer and less congested.

MOBI is an open, inclusive body that acts as a 'trusted convener' and partner to entities in the emerging ecosystem of pay for use, on demand, connected, and increasingly autonomous mobility services. MOBI itself is technology and ledger agnostic.

Media Contact: Adria Stauber, Communications Manager  
[communication@dlt.mobi](mailto:communication@dlt.mobi) | [www.dlt.mobi](http://www.dlt.mobi) | [@dltMOBI](https://twitter.com/dltMOBI)

#### **About AMO Labs**

AMO was created for an efficient exchange of car data, empowering every car user to take full ownership and advantage of their valuable resources. The driver may collect any data and selectively share it on the blockchain so that data is opened for third parties to purchase and have it utilized for new business generation. AMO Labs is the team behind the building of the car data blockchain platform, also known as the AMO Market. The company strives to develop a blockchain ecosystem, as well as web/mobile applications and hardware devices that are revolutionary for the entire automobile industry and car data market. Powered by its parent company Penta Security Systems, AMO Labs is headquartered in Singapore and the mainnet is expected to be launched by Q3 of 2019.

Media Contact: Elaina Yoon  
[elaina@amolabs.io](mailto:elaina@amolabs.io) | <https://www.amo.foundation/>

#### **About Cerebri AI**

Cerebri AI enables enterprises to measure the value of every customer interaction – sales, marketing, service – from the customer's point of view. Powered by machine learning, the Cerebri Values system is the first true measure of customer experience (CX) and is incredibly easy to use – every interaction is valued in dollars. Cerebri Values also predicts the impact of next best actions on customers' commitment to brands and propensity to spend, maximizing customer-related KPIs. Headquartered in Austin with offices in Toronto and Washington, DC, the company has 50 employees who have been awarded over 130 patents to date. To learn more about the Cerebri Values system, visit [cerebriai.com](http://cerebriai.com)

Media Contact: Alastair MacPhail  
[alastair@cerebriai.com](mailto:alastair@cerebriai.com) | <https://www.cerebriai.com>

#### **About Circulor**

Circulor operates the world's first blockchain traceability system for raw materials like Cobalt and Tantalum from mine to manufacturer. Circulor's enterprise platform uses the Hyperledger Fabric blockchain with embedded AI tools for due diligence. It can also integrate with existing IoT sensors like battery cell chips to record in-life data for EV batteries. The system is live and the first publicly announced project is tracking Tantalum from mines in Rwanda into the capacitor supply chain, with other projects in pilot.

Media Contact: Douglas Johnson-Poensgen  
[djp@circulor.com](mailto:djp@circulor.com) | [www.circulor.com](http://www.circulor.com)

#### **About Cognizant**

Cognizant is one of the world's leading professional services companies, transforming clients' business, operating and technology models for the digital era. Our unique industry-based, consultative approach helps clients envision, build and run more innovative and efficient businesses. Headquartered in the U.S., Cognizant is ranked 195 on the Fortune 500 and is consistently listed among the most admired companies in the world. Learn how Cognizant helps clients lead with digital at [www.cognizant.com](http://www.cognizant.com) or follow us @Cognizant.

Media Contact: Joshua Blumenthal

[joshua.blumenthal@cognizant.com](mailto:joshua.blumenthal@cognizant.com) | <https://www.cognizant.com/>

### **About Cyber Physical Chain**

CPChain is a new distributed infrastructure for next generation IoT. CPChain intends to build a fundamental data platform for IoT system in combination with distributed storage, encryption computation and blockchain technologies, providing the whole process solution from data acquisition, storage, sharing to application. CPChain is a promising solution to a series of challenges of current “chimney architecture” of IoT systems, reducing connectivity cost of devices, protecting data privacy and maximizing the value of IoT data.

Media Contact: Wayne Tian

[tianye@cpchain.io](mailto:tianye@cpchain.io) | <https://cpchain.io/>

### **About DLT Labs™**

DLT Labs™ is a global leader in development and delivery of enterprise blockchain solutions and technologies, as well as a pioneer in the creation and implementation of standards for application development. DLT Labs™ has a proprietary framework which consists of a modular and scalable architecture allowing for the rapid creation, deployment and management of enterprise blockchain solutions. With a deep track record in innovation and one of the world's largest pools of highly experienced blockchain experts, DLT Labs™ enables the transformation and innovation of complex multi-stakeholder processes, particularly in fintech and supply chain management.

Media Contact: Melony Jamieson

[melony@getitdone.ca](mailto:melony@getitdone.ca) | <https://dltlabs.com/>

### **About DMX**

Dealer Market Exchange is the industry's first enterprise business mobility solutions platform for the automotive industry. Connecting car makers, dealers, vendors and soon consumers, the DMX platform provides a marketplace of synchronized application services to appraise, certify, syndicate, trade, deliver, track and manage accurately valuing and transacting automotive assets. With an underpinning of blockchain in the Hyperledger framework, DMX strives to standardize the vehicle inspection and appraisal process, mitigate risk, and achieve consensus among users for accurate asset valuation.

Media Contact: Holly Jonsson

[holly.moon@dmx.io](mailto:holly.moon@dmx.io) | <https://dmx.io/>

### **About Evernym**

Founded in 2013, Evernym develops software solutions that leverage distributed ledger technology to provide every individual, organization and connected device with secure and irrevocable identity. Evernym leverages the Sovrin Network – the only distributed ledger purpose-built for identity – to develop technologies that allow any individual, organization or connected device to establish and maintain a digital identity that is permanent, portable, privacy-enhancing and completely secure.

Media Contact: Nick Ris  
[nick.ris@evernym.com](mailto:nick.ris@evernym.com) | <https://www.evernym.com/>

### **About IN2CAR**

IN2CAR address V2V, ADAS and autonomous driving market with innovative solutions. It develops numerical plate-forms based on IoT/Blockchain/AI with the objective to apply it for mobility and particularly to manage autonomous vehicles. Connected products and services from IN2CAR are designed for safety, mobility and comfort. In addition, these products are indispensable prerequisites for autonomous driving and Advanced Driver Assistance Systems ADAS. IN2CAR products are compliant with the intra-vehicle communications standard IEEE 802.11p or ETSI ITS-G5, standard that are accepted by all carmakers.

Media Contact: Mondher Attia  
[mondher.attia@in2car.com](mailto:mondher.attia@in2car.com) | <http://www.in2car.com.au/>

### **About KAR Auction Services**

KAR Auction Services (NYSE: KAR) provides sellers and buyers across the global wholesale used vehicle industry with innovative, technology-driven remarketing solutions. KAR's unique end-to-end platform supports whole car, salvage, financing, logistics and other ancillary and related services, including the sale of more than 5.5 million units valued at over \$40 billion through our auctions. Our integrated physical, online and mobile marketplaces reduce risk, improve transparency and streamline transactions for customers in 120 countries. Headquartered in Carmel, Ind., KAR has approximately 17,500 employees across the United States, Canada, Mexico and the United Kingdom. For more information go to [www.karauctionservices.com](http://www.karauctionservices.com). For the latest KAR news follow us on Twitter [@KARspeaks](https://twitter.com/KARspeaks).

Media Contact: Gene Rodriguez  
[Gene.Rodriguez@karauctionservices.com](mailto:Gene.Rodriguez@karauctionservices.com) | <http://karauctionservices.com/>

### **About Leep Network**

Leep Network is an ACID compliant Distributed Ledger Technology focused on scalability, security, and making blockchain work for business and ecological innovation. We provide technological infrastructure for large and small businesses, entrepreneurs, developers, and strategic partners.

Leep is founded by a collective of individuals who believe that decentralized self-governance and financial transparency are essential ingredients for today's financial, technological, and social platforms. We are creating an algorithmically structured and user-governed currency and an application platform that supports business and world-changing sustainable technology.

Media Contact: Tom Coumans

tommo@leep.network | <https://leep.network/>

### **About MintBit**

MintBit was founded in London in 2018 to help companies and policy makers navigate decentralised technologies on a global scale. Providing advisory services, we support organisations on their journey of understanding, prioritising, and executing on the strategic potential of blockchain. A well-founded understanding of the technology and the market empowers companies to identify the opportunities that will deliver long-term business results.

Media Contact: Arwen Smit  
[arwen@mintbit.io](mailto:arwen@mintbit.io) | [mintbit.io](http://mintbit.io)

### **About Netsol Technologies**

Netsol Technologies is a leader in providing innovative solutions to the global asset finance and leasing industry for the past four decades. Netsol has facilitated numerous businesses in finding their competitive edge and streamline their business operations. Our end to end products have been powering leading lending and wholesale asset management operations for more than 200 business partners worldwide. With local support and delivery centers in countries across the world, our team of experts ensure that our clients benefit from the deep industry insight we have developed over the years.

Media Contact: Murad Baig  
[murad.baig@netsoltech.com](mailto:murad.baig@netsoltech.com) | <https://www.netsoltech.com/>

### **About NewCities**

NewCities is a global non-profit committed to shaping a better urban future. NewCities seeks the most progressive and innovative ideas to drive positive changes in cities large and small through events, research and urban innovation projects. NewCities creates a global dialogue and curates cutting-edge knowledge on the world's most progressive urban issues to generate and scale ideas and solutions. The organization works with leaders from business, government, academia, civil society, the media and the arts.

Media Contact: Ashlee Biggs  
[ashlee.biggs@newcities.org](mailto:ashlee.biggs@newcities.org) | <http://newcities.org/>

### **About Noblis**

Noblis is an independent, nonprofit organization with a proud tradition of serving federal clients objectively and with the highest caliber of scientific and technical excellence. Our robust capabilities are built upon proven technical and domain expertise and innovative tools that improve efficiency and empower clients with the data they need to make mission-critical decisions. We're a partner that understands the importance of applying tested program management and systems engineering expertise to programs to ensure success from project start to end. Engage Noblis and expect work that delivers on your mission today and into the future.

Media Contact: Angeliki Galoozis  
[angeliki.galoozis@noblis.org](mailto:angeliki.galoozis@noblis.org) | <https://noblis.org/>

### **About On the Road Lending**

On the Road Lending pioneered the use of character-based lending to bring down car purchase costs for working families. We see opportunity to utilize blockchain to facilitate creation of digital identities for the unbanked, improve supply chain management as we expand nationally, provide alternative forms of payment using in-vehicle telematics, and advancing the idea of bundled usage-based insurance to bring down costs for low-income borrowers. Based in Dallas, Texas, we have begun our national expansion with operations now in Mississippi, Alabama and Georgia.

Media Contact: Sarah Miller

[smiller@ontheroadlending.org](mailto:smiller@ontheroadlending.org) | [ontheroadlending.org](http://ontheroadlending.org)

### **About Pravici**

Pravici has vast experience implementing loyalty programs and Blockchain technologies. Our client roster includes some of the largest and most successful companies in the world of Automobiles, Travel & Transportation, and Captive Finance. We are very excited to be able to deliver Blockchain (and DLT) solutions to these same corporate clients. Pravici is using Hyperledger Fabric to deliver a Tokenized Loyalty Platform (TLP), and helping customers to integrate the TLP Blockchain with popular Loyalty Products such as Oracle's Loyalty Cloud and Oracle's Siebel Loyalty.

Media Contact: Dan Zaretsky

[dan@pravici.com](mailto:dan@pravici.com) | <https://pravici.io/>

### **About R3 LLC**

R3 is an enterprise blockchain software firm working with a broad ecosystem of more than 200 members and partners across multiple industries from both the private and public sectors to develop on Corda, our open-source blockchain platform, and Corda Enterprise, a commercial version for enterprise usage. Our global team of over 180 professionals in 13 countries is supported by over 2,000 technology, financial, and legal experts drawn from our global member base. Our Corda platform is already being used in industries from financial services to healthcare, shipping, insurance and more. It records, manages, executes institutions' financial agreements in perfect synchrony with their peers, creating a world of frictionless commerce.

Media Contact: R3 Communications

[communications@r3.com](mailto:communications@r3.com) | <https://www.r3.com/>

### **About RouteOne**

RouteOne was formed in 2002 by Ally Financial, Ford Motor Credit Company, TD Auto Finance, and Toyota Financial Services to improve the F&I process for automobile dealers and their customers. Connecting thousands of dealers and finance sources in North America for vehicle financing, RouteOne's platform delivers a comprehensive suite of F&I solutions across multiple channels: in-store, online, mobile, and via third-party solutions. Its product line-up includes credit application, eContracting, menu, online/mobile retail services, and compliance. In addition, RouteOne enables dealer choice across a wide variety of best-in-class providers through open integrations with over 170 DSPs.

Media Contact: Kathy Armstrong  
[karmstrong@routeone.com](mailto:karmstrong@routeone.com) | <https://www.routeone.com/>

### **About Spherity**

Spherity is building decentralized digital twin applications to power the 4th industrial revolution providing secure identities and digital twins. Digital twins enable supply chain transparency, proof of product authenticity, product lifecycle audit trailing, predictive maintenance and many more. Spherity envisions a future of human and non-human economically independent entities interacting among each other.

Media Contact: Michael Ruther  
[michael.ruether@spherity.com](mailto:michael.ruether@spherity.com) | <https://spherity.com/>

### **About Swiss Re**

Founded in Zurich, Switzerland, in 1863, the Swiss Re Group is a leading wholesale provider of reinsurance, insurance and other insurance-based forms of risk transfer. Dealing direct and working through brokers, its global client base consists of insurance companies, mid-to-large-sized corporations and public sector clients. From standard products to tailor-made coverage across all lines of business, Swiss Re deploys its capital strength, expertise and innovation power to enable the risk-taking upon which enterprise and progress in society depend.

Media Contact: Jags Rao  
[jags\\_rao@swissre.com](mailto:jags_rao@swissre.com) | <http://www.swissre.com/>

### **About USC Viterbi Center for Cyber Physical Systems and the Internet of Things (CCI)**

CCI is a new center at the USC Viterbi School of Engineering, bringing together more than 35 faculty in Engineering with expertise spanning many disciplines such as networks, machine learning, data management, optimization, software and systems engineering, transportation, manufacturing, robotics, and cyber-security and 8 faculty at other Schools at USC with expertise in Education, Business, Policy, Healthcare, Architecture, Communications, and Cinema.

Our members are working to develop fundamental understanding and innovative technologies to bridge the gap between the virtual and physical worlds through the seamless connectivity provided by the Internet of Things. Their work seeks to provide revolutionary improvements in many fields ranging from urban development to healthcare and education.

Media Contact: Bhaskar Krishnamachari  
[bkrishna@usc.edu](mailto:bkrishna@usc.edu) | <https://cci.usc.edu/>

### **About Velocia**

Velocia is an open loyalty network for urban mobility. Each day, individuals make decisions about how they commute in and around cities. With Velocia, individuals earn rewards for those mobility decisions, and redeem them for mobility-related services. Velocia relies in part on decentralized technologies, such as the Aion blockchain, to power its functionality. Velocia brings together all

mobility participants, so users, mobility service providers, and other stakeholders can interact directly and seamlessly.

Media Contact: Max Schwartz-Label  
[max@velocia.io](mailto:max@velocia.io) | <https://velocia.io/>

### **About VINchain**

VINchain is creating a worldwide decentralized database of vehicle information that is 100% transparent, reliable and accessible by everyone. This database is blockchain based, which guarantees that information on it has not been faked, changed or deleted. The blockchain guarantees full transparency and builds trust in the system. Our platform is an open system so that anyone can join and benefit from our network. VINchain will provide you with 100% reliable and accurate information about the vehicle you're considering for purchase, so you can be absolutely sure that it's safe to drive!

Media Contact: Alex Miles  
[alex.miles@vinchain.io](mailto:alex.miles@vinchain.io) | <https://vinchain.io/>

### **About XYO Network**

XYO Network is an effort to create a vast, geospatial, blockchain-powered location network currently under development with the goal to provide accurate, certainty-driven location data on everything from cars to smartphones. By combining location beacons with IoT and mobile devices, the XYO Network ecosystem plans to deliver the verified coordinates and data needed to execute smart contracts, run smart cities, foster financial transactions, and power a legion of location-centric applications.

Media Contact: Larry Smalheiser  
[larry.smalheiser@xyo.network](mailto:larry.smalheiser@xyo.network) | <https://xyo.network>

### **Categories**

Technology, Consortium, Blockchain, Standards, Community, Use Cases, Vehicle Identity, Minimum Viable Network

### **Tags**

MOBI, mobility, open, innovation, blockchain, consortium, inclusive, nonprofit, public purpose, autonomous, driving, blockchain hardware, mobility services, IoT, connected cars, mobility, tokens, loyalty, driving data, ride-share, car-share, ecosystem, transactions, usage data, security, trust, safer, friendly, affordable, accessible, minimum viable network, MVN, AMO Labs, Cerebri AI, Circular, Cognizant, Cyber Physical Chain, DLT Labs, DMX (Dealer Market Exchange), Evernym, IN2CAR, KAR Auction Services, Leep Network, MintBit, Netsol Technologies, NewCities Foundation, Noblis, On the Road Lending, Pravici, R3 LLC, RouteOne, Spherity, Swiss Re, USC Viterbi Center for Cyber Physical Systems and the Internet of Things, Velocia, VINchain, XYO Network.