Major Automakers, Startups, Technology Companies and Others Launch Mobility Open Blockchain Initiative (MOBI)

BMW, Bosch, Ford, General Motors, Groupe Renault, ZF,
Accenture, Context Labs, IBM,
and others participate as founding members

New consortium explores how blockchain will reinvent mobility and address industry shifts

[Dubai], May 2, 2018 at 12:00pm GMT — [MOBI](), the Mobility Open Blockchain Initiative, announces its formation to explore blockchain for use in a new digital mobility ecosystem that could make transportation safer, more affordable, and more widely accessible. MOBI is actively working with companies accounting for over 70% of global vehicle production in terms of market share. MOBI and partners, including, BMW, Bosch, Ford, General Motors, Groupe Renault, ZF, Aioi Nissay Dowa Insurance Services USA and others seek to foster an ecosystem where businesses and consumers have security and sovereignty over their driving data, manage ride-share and car-share transactions, and store vehicle identity and usage information.

Blockchain technology operates by distributing information to a network of independent computers, ensuring that transactions are secure and data privacy, ownership rights, and integrity are protected. Working in a consortium allows MOBI and partners to create transparency and trust among users, reduce risk of fraud, and reduce frictions and transaction costs in mobility, such as fees or surcharges applied by third-parties.

Chris Ballinger, former Chief Financial Officer and Director of Mobility Services at Toyota Research Institute, is joining MOBI as Chairman and CEO to coordinate this initiative and create a more open platform where users, owners, mobility service companies, and infrastructure providers can better control and monetize their assets, including their data.

"Blockchain and related trust enhancing technologies are poised to redefine the automotive industry and how consumers purchase, insure and use vehicles," said Ballinger. "By bringing together automakers, suppliers, startups, and government agencies, we can accelerate adoption for the benefit of businesses, consumers and communities."

Through an open-source approach to blockchain software tools and standards, the MOBI consortium hopes to stimulate more rapid and scalable adoption of the technology by other companies developing autonomous vehicle and mobility services. MOBI is pleased to connect global mobility providers with blockchain innovators as well as government and non-government agencies, and institutions to collaborate on the development of blockchain-enabled vehicle data and mobility services applications.

MOBI's approach to ecosystem development is open and inclusive, inviting stakeholders from across the entire mobility value chain to establish a "minimum viable network". This includes automakers, public transportation and toll road providers, other forms of transportation, technology firms, blockchain firms, academic institutions, startup innovators, and regulatory bodies across the globe.

Joining Chris Ballinger as co-founders and members of the initial Board of Directors are Ashley Lannquist from Blockchain at Berkeley and David Luce, a veteran technology leader. Dan Harple, CEO of Context Labs, Joseph Lubin, Co-Founder of Ethereum and Founder of ConsenSys, Brian Behlendorf, Executive Director of Hyperledger, Jamie Burke, CEO of Outlier Ventures, and Zaki Manian, Executive Director of the Trusted IoT Alliance, join MOBI's Board of Advisors.

Initially, MOBI will be working with its partners on projects related to:
- Vehicle identity, history and data tracking
- Supply chain tracking, transparency, and efficiency
- Autonomous machine and vehicle payments
- Secure mobility ecosystem commerce
- Data markets for autonomous and human driving
- Car sharing and ride hailing
- Usage-based mobility pricing and payments for vehicles, insurance, energy, congestion, pollution, infrastructure, etc.

MOBI and its partners announced their collaboration today at the Future Blockchain Summit.

MOBI's partners announcing today include: Accenture, Aioi Nissay Dowa Insurance Services USA, Beyond Protocol Inc, BigchainDB, Blockchain at Berkeley, BMW, Bosch, Chronicled, ConsenSys Systems, Context Labs, Crypto Valley Association, Dashride, Deon Digital AG, Digital Twin Labs, DOVU, Fetch.ai, FOAM, Ford, General Motors, Hyperledger, IBM, the IOTA Foundation, Luxoft, MotionWerk, NuCypher, Oaken Innovations, Ocean Protocol, Outlier Ventures, Groupe Renault, Ride Austin, Shareing, Shift, Spherical Analytics, the Trusted IoT Alliance, VeChain, Xain, and ZF Friedrichshafen AG.

"We believe blockchain will transform the way people and businesses interact, creating new opportunities in mobility. We look forward to working together with our industry colleagues as part of MOBI to set the standards for the mobility ecosystem of tomorrow." – Rich Strader, Vice President, Mobility Product Solutions, Ford Motor Corporation

"Blockchain technology is by essence decentralized, and its full potential needs to be assessed by working in an open ecosystem. That is why, it is natural for Groupe Renault to take part of the MOBI consortium. This consortium will be a great opportunity to share and learn about the possibilities that can be opened by the Distributed Ledger Technology, applied to the automotive ecosystem. Ultimately, we aim to work together to define future standards and use-cases that will

make an easier everyday life for our customers." - Sophie Schmidtlin, Alliance Global Director for Advanced Engineering, Groupe Renault

"Bosch is thrilled to be involved in this initiative to get nearer to its vision for a safer and more transparent connected future of the Mobility Industry!" – Peter Busch, Distributed Ledger Technologies Automotive

"As one of the world's leading companies for automotive technologies, ZF is constantly pushing to make mobility more efficient and convenient. In taking part in the Mobility Open Blockchain Initiative, we can drive benefit for our customers by developing secure and efficient customer solutions for the future autonomous mobility", says Arwed Niestroj, Vice President, Global Innovation Hubs and Digital Transformation at ZF

"A set of blockchain standards for the mobility industry will allow auto, infrastructure and service providers to efficiently communicate and transact with each other. Bringing the industry together and building interoperable blockchain networks is key to helping the automotive industry unleash the potential of blockchain. IBM is contributing our expertise in building blockchain consortia to the group to help accelerate development and ultimately benefit consumers." – Sachin Lulla, Vice President & Partner, IBM Automotive Industry Leader

"From the handling of vehicle ID numbers and collision histories to the complex supply chains that lead to assembly lines and dealerships, blockchain offers new levels of data security and transparency," said Accenture Managing Director and Industrial and Automotive Innovation Lead Teodoro Lio. "Industry leaders are just beginning to understand the unique characteristics of this technology and its diverse forms. This forum will help put them on the leading edge of blockchain's possibilities to improve industry efficiencies, safety controls and the overall transportation experience."

"At ConsenSys, we are dedicated to building the Ethereum ecosystem and are committed to supporting new use cases across all industries. As one of our first ventures into the automotive industry, we're excited to support MOBI's exploration and development of blockchain solutions that will enable all parties in the automotive supply chain to benefit from digitization and the seamless exchange of data and immutability of their records." – Joseph Lubin, Founder of ConsenSys & Co-Founder of Ethereum

"Our collaboration with Chris Ballinger and MOBI's founding team has integrated key structural and governance elements from the Pentalytics modeling we deployed in the co-founding of the Open Music Initiative (open-music.org), which brought together over 250 leading global stakeholders pursuing interoperability and transparency in their industry. MOBI's model further offers great potential for accelerated market adoption of transformative blockchain-enabled technologies," said Dan Harple, CEO of Context Labs, Investor, and MIT Sloan Fellow.

"We're pleased to be a part of MOBI and collaborating with industry leaders on the development of blockchain-enabled vehicle data and mobility services applications and systems," said Brian Behlendorf, executive director of Hyperledger. "We look forward to working together with this

community to create transparency and trust among users, as well as reduce risk of fraud and transaction costs in mobility with open distributed ledger technologies."

"After more than a year of discussions it is encouraging to see a global industry gather around blockchain technology and begin to lay the groundwork for the future of mobility. We are excited for the opportunities that lie ahead as a member of MOBI and as a team will continue to work on implementations and applications that allow us to apply our unique skill set and knowledge in an industry we are passionate about." – John Gerryts, CEO, Oaken Innovation

"The Trusted IoT Alliance is pleased to join in the formation of MOBI. We believe that the automotive and mobility sector offers some of the best potential applications of blockchain in smart contract enabled IoT devices. TIoTA is enthusiastic about the progress of this initiative and the potential for accelerated exploration and adoption of blockchain technology facilitated by MOBI and TIoTA." – Zaki Manian, Executive Director of the Trusted IoT Alliance

About MOBI
MOBI is a newly created 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.

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About The BMW Group
With its four brands BMW, MINI, Rolls-Royce and BMW Motorrad, the BMW Group is the world's leading premium manufacturer of automobiles and motorcycles and also provides premium financial and mobility services. The BMW Group production network comprises 30 production and assembly facilities in 14 countries; the company has a global sales network in more than 140 countries.

In 2017, the BMW Group sold over 2,463,500 passenger vehicles and more than 164,000 motorcycles worldwide. The profit before tax in the financial year 2017 was € 10.655 billion on revenues amounting to € 98.678 billion. As of 31 December 2017, the BMW Group had a workforce of 129,932 employees.

The success of the BMW Group has always been based on long-term thinking and responsible action. The company has therefore established ecological and social sustainability throughout the value chain, comprehensive product responsibility and a clear commitment to conserving resources as an integral part of its strategy.

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About Bosch
The Bosch Group is a leading global supplier of technology and services. It employs roughly 402,000 associates worldwide (as of December 31, 2017). The company generated sales of 78.1 billion euros in 2017. Its operations are divided into four business sectors: Mobility Solutions, Industrial Technology, Consumer Goods, and Energy and Building Technology. As a leading IoT company, Bosch offers innovative solutions for smart homes, smart cities, connected mobility, and connected manufacturing.

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About Ford Motor Company
Ford Motor Company is a global company based in Dearborn, Michigan. The company designs, manufactures, markets and services a full line of Ford cars, trucks, SUVs, electrified vehicles and Lincoln luxury vehicles, provides financial services through Ford Motor Credit Company and is pursuing leadership positions in electrification, autonomous vehicles and mobility solutions. Ford employs approximately 202,000 people worldwide. For more information regarding Ford, its products and Ford Motor Credit Company, please visit www.corporate.ford.com.

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About General Motors
General Motors is a global company committed to delivering safer, better and more sustainable ways for people to get around. General Motors, its subsidiaries and its joint venture entities sell vehicles under the Cadillac, Chevrolet, Baojun, Buick, GMC, Holden, Jiefang and Wuling brands. More information on the company and its subsidiaries, including OnStar, a global leader in vehicle safety and security services, and Maven, its personal mobility brand, can be found at http://www.gm.com.

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About Groupe Renault
Groupe Renault has been making cars since 1898. Today it is an international multi-brand group, selling close to 3.76 million vehicles in 134 countries in 2017, with 36 manufacturing sites, 12,700 points of sales and employing more than 180,000 people. To meet the major technological challenges of the future and continue its strategy of profitable growth, the Group is harnessing its international growth and the complementary fit of its five brands, Renault, Dacia and Renault Samsung Motors, Alpine and LADA, together with electric vehicles and the unique Alliance with Nissan and Mitsubishi. With a new team in Formula 1 and a strong commitment to Formula E, Renault sees motorsport as a vector of innovation and brand awareness.
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About ZF Friedrichshafen AG
ZF is a global leader in driveline and chassis technology as well as active and passive safety technology. The company has a global workforce of around 137,000 with approximately 230 locations in some 40 countries. In 2016, ZF achieved sales of €35.2 billion. ZF annually invests about six percent of its sales in research & development – ensuring continued success through the design and engineering of innovative technologies. ZF is one of the largest automotive suppliers worldwide.

ZF allows vehicles to see, think and act. With its technologies, the company is striving for Vision Zero – a world of mobility without accidents and emissions. With its broad portfolio, ZF is advancing mobility and services in the automobile, truck and industrial technology sectors. For photo material and further press information please visit: www.zf.com

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About Accenture
Accenture is a leading global professional services company, providing a broad range of services and solutions in strategy, consulting, digital, technology and operations. Combining unmatched experience and specialized skills across more than 40 industries and all business functions – underpinned by the world's largest delivery network – Accenture works at the intersection of business and technology to help clients improve their performance and create sustainable value for their stakeholders. With approximately 442,000 people serving clients in more than 120 countries, Accenture drives innovation to improve the way the world works and lives. Visit us at www.accenture.com.

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About Context Labs
Context Labs, with offices in Cambridge, Massachusetts; New Bedford, Massachusetts and Amsterdam, The Netherlands, provides enterprise-grade platform solutions that provide trust and transparency for all things digital and physical. Context Labs develops solutions that utilize blockchain technology to build confidence and trust with partners and consumers, transforming supply chain ecosystems. The company achieves this by delivering platform innovation integrating secure distributed and shared ledgers (Blockchain), network graph analytics and visualizations, machine learning, data interoperability and trusted identity management. The platform consists of several core components - Chainplate Foundation™, Snapshackle Interoperability™ and VUEgraph Analytics™ and product solutions - Immutably™, Proofworks™, Scrivener™, Impact Analytics™, and blockchain ecosystem consulting. Enabling the Supply Chain of Everything.

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About ConsenSys
ConsenSys is a global formation of technologists and entrepreneurs building the infrastructure, applications, and practices that enable a decentralized world. At the core, ConsenSys is a venture production studio and blockchain software development consultancy creating decentralized applications (DApps), enterprise solutions and developer tools for blockchain ecosystems, focused primarily on Ethereum. The ConsenSys "hub" coordinates, incubates, accelerates, and spawns "spoke" ventures through development, resource sharing, investments and the formation of joint ventures. Powered by smart contracts and secured through encryption, our solutions provide the benefits of transparency, auditability, and immutability that are unique to blockchain-based solutions.

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About Hyperledger
Hyperledger is an open source collaborative effort created to advance cross-industry blockchain technologies. It is a global collaboration including leaders in finance, banking, Internet of Things, supply chains, manufacturing and Technology. The Linux Foundation hosts Hyperledger under the foundation. Visit: www.hyperledger.org.

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About IBM
IBM is recognized as the leading enterprise blockchain provider. The company's research, technical and business experts have broken barriers in transaction processing speeds, developed the most advanced cryptography to secure transactions, and are contributing millions of lines of open source code to advance blockchain for businesses. IBM is the leader in open-source blockchain solutions built for the enterprise. Since 2016, IBM has worked with hundreds of clients across financial services, supply chain, government, retail, digital rights management and healthcare to implement blockchain applications, and operates a number of networks running live and in production. The cloud-based IBM Blockchain Platform delivers the end-to-end capabilities that clients need to quickly activate and successfully develop, operate, govern and secure their own business networks. IBM is an early member of

Hyperledger, an open source collaborative effort created to advance cross-industry blockchain technologies. For more information about IBM Blockchain, visit www.ibm.com/blockchain/ or follow us @ibmblockchain.

About the Trusted IoT Alliance
The Trusted IoT Alliance is a member-oriented consortium formed in 2017 to facilitate collective research and development at the intersection of IoT and blockchain. The Alliance is focused on driving industry adoption through working groups, testnets and multi-member R&D projects.

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Categories: Launch, Announcement, Mobility Providers, Automakers, Tier 1 Suppliers, Insurance, Technology, Consortium, Blockchain, Standards, Community, Use Cases, Vehicle Identity, Minimum Viable Network

Tags: MOBI, mobility, open, blockchain, consortium, inclusive, nonprofit, public purpose, BMW, General Motors, GM, Renault, Renault Groupe, ZF, Accenture, Context Labs, IBM, autonomous, driving, blockchain, 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

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PARTNER QUOTES & INTERVIEW CONTACTS

"The time to innovate collaboratively is now. The full power of blockchain technology can only be harnessed when we work together toward common goals and a common vision for tomorrow. We are excited to be a founding member of the Mobility Open Blockchain Initiative and look forward to rolling up our sleeves alongside the world's most forward-thinking companies." – Jonathan Manzi, Cofounder and CEO of beyond protocol, inc.

"The world's love for vehicles and mobility continues to be reimagined. Fungible properties surround non-fungible assets resulting in liquid transactions negotiating their way through an economy of things and society of entities, served by blockchain. The Mobility Open Blockchain Initiative is at the nexus of this reordering. As a protocol company, beyond protocol is creating a secure new language and denomination for devices. We are delighted to be invited as a founding member of MOBI and eager with great companies of the world to steward innovation for the automotive industry." – Gurvinder Ahluwalia, Cofounder & Chief Strategy Officer of beyond protocol, Inc.

"Blockchain at Berkeley has been honored to contribute to the founding and launch of MOBI, and we look forward to contributing research and engineering resources, education and prototype development, and other capabilities as we support the open development of blockchain software for the next generation of mobility." – Nadir Akhtar, President, Blockchain at Berkeley

"We look forward to making autonomous, peer-to-peer, and transparent, transport paradigm as the new normal by collaborating with all the other organizations within the MOBI consortium. We truly believe that automotive data can be harnessed to make this new transport paradigm a reality." – Kamal Ved, Executive Director, BigchainDB

"Chronicled is excited to join MOBI, and to share our knowledge of blockchain-enabled supply chain with mobility providers," says Ryan Orr, CEO, "Some of our software patterns around balancing the priorities of privacy and openness could be useful for new industry-ecosystem solutions." – Ryan Orr, Co-Founder, CEO, Chronicled

"We are very excited to join the MOBI initiative as a Founding Member. With its size and scope, the MOBI initiative occupies a special place in the blockchain community, both in terms of development of mobility ecosystems based on the blockchain technology as well as in the standardisation required in the blockchain space. We believe the MOBI initiative will bring great value to our members and to the wider Crypto Valley ecosystem" – Oliver Bussmann, President of the Crypto Valley Association

"We are excited to join the MOBI initiative, since MOBI brings together the main players of the mobility market with startups and solution providers to set the future blockchain/DLT standards of mobility. As provider of a ledger agnostic and model-based software to design contracts for e.g. vehicle identities, mobility processes, and integrated intermodal tickets, we strongly believe in the need of a collaborative effort for standardization, common architectures, and common software

solutions for seamless, integrated, and environmental-friendly mobility. – Dr. Florian Herzog, CTO & Founder & President of the Board, Deon Digital AG

"We are excited to join MOBI and help make this initiative a success. Utilising Blockchain, tokens and smart contracts, Dovu will reward behaviour and loyalty within the mobility ecosystem." – Irfon Watkins, Founder & CEO, DOVU

Humayun Sheikh, CEO, Fetch.AI commented: "Mobility today, whether public transport or private automotive, is a complex system that requires coordination beyond the scope of the closed, centralised IT we currently rely on." He continued: "At Fetch.AI we are combining distributed ledger technology and machine learning to provide an autonomous infrastructure that's able to support a more efficient transport ecosystem by anticipating, and acting on, the needs of various actors. We wholeheartedly support MOBI's mission to develop common distributed ledger standards that will be essential to moving the entire mobility industry forward."

"We are excited to contribute to the development of a decentralized internet of mobility. FOAM will support the Blockchain Mobility Consortium through the development of geospatial blockchain protocols and standards for; location encoding, Map UI, and proof of location. We are eager to play a part in the next step of mobility." – Ryan King, CEO / Cofounder, Foam

"We are proud to be a member of the MOBI and partnering with other leading global companies to drive industry standards that unlock the potential of DLT for the mobility sector to establish a seamless, safe, and affordable mobility experience. As the world is starting to recognize the huge potential of decentralized ledger technology it is essential to establish the key functionalities for a scalable ecosystem based on the principles of open source, collaboration and permanent innovation that drives broad - scaled technology adoption." – Dominik Schiener, Co-founder, Chairperson of the Board of Directors, IOTA Foundation

"We are convinced that the challenges ahead in the mobility sector can only be solved jointly. Therefore, we are happy to become part of MOBI." – Dietrich Sümmermann, Founder and CEO, Motionwerk

"Over the last three years we've focused on understanding distributed ledger technologies and their underlying applications by building on a number of platforms for healthcare, travel, financial services and smart city use-cases. Mobility was an obvious next frontier," said Vasiliy Suvorov, VP Technology Strategy at Luxoft. "Our deep expertise in building and integrating software solutions for the world's leading car makers, combined with our understanding of blockchain, will help us contribute to and accelerate its adoption together with the members of the MOBI Alliance." – Vasiliy Suvorov, Vice-President, Technology Strategy at Luxoft Holding, Inc.

"NuCypher is excited to join MOBI to work with other leading blockchain projects and companies to reinvent mobility using a decentralized tech stake. We're looking forward to providing our expertise in proxy re-encryption to further the development of mobility protocols like vehicle digital identity, which require secure storage of data in decentralized infrastructure with permissioned access." – MacLane Wilkison, Cofounder and CEO, NuCypher

"We're excited to join in the MOBI initiative to help bring safer mobility to everyone," says Bruce Pon, Founder of BigchainDB and Ocean Protocol. "Our vision is to give people more control in a new data economy. By supporting data transparency, data privacy and data sharing between all stakeholders, we hope to lay the groundwork for innovations such as autonomous cars so that more lives can be saved, seamless mobility for youth, elderly, and people with disabilities and transparent supply chains so that companies can be more competitive." – Bruce Pon, Founder of BigchainDB and Ocean Protocol

"We are incredibally excited to be part of this initiative which already connects several of our portfolio with the world's automotive companies. We see mobility as ground zero for the convergence of AI with DLT and IoT." – Jamie Burke, CEO and Founder, Outlier Ventures

Tim Bos, co-founder and CEO, ShareRing, said: "We are thrilled to be working with MOBI and its foundation partners to help define a safer, more secure and more accessible set of standards for the mobility sector. Operating within the sharing economy, ShareRing is closely aligned with MOBI's vision of utilising blockchain technology to create a pioneering ecosystem within a particular industry. "It is vital that we continue to see collaborative initiatives such as the MOBI consortium, with the involvement of such reputable players, to ensure the ongoing implementation and application of blockchain technology far and wide" – Mr. Bos continued.

"It's exciting to see technology that gives cars a digital identity," said George Arison, founder, and CEO of Shift. "Blockchain has the potential to transform the auto space and improve transportation options for millions of consumers around the world" – George Arison, founder and co-CEO, Shift

 "We are excited to joining MOBI and making it a success with the aim to create new standards for the future of technology and digitalisation in automotive. XAIN AG will provide the backbone DLT protocol that can be embedded directly into ECUs." – Leif-Nissen Lundbæk, CEO/ Co-Founder XAIN AG

About Aioi Nissay Dowa Insurance Services USA
Aioi Nissay Dowa Insurance Services USA Corp. (AIS) was established in March 2016 as a wholly-owned subsidiary of Aioi Nissay Dowa Insurance Co., Ltd, an insurance company in Japan. AIS surveys and studies the development of telematics and other advanced technologies such as Insurtech / FinTech, Mobility Services, AI and Blockchain in the United States.

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About Beyond Protocol, Inc.
beyond protocol is creating the ethical language of machines. The company's blockchain-based technology secures Internet of Things devices in a revolutionary way, permanently preventing the spread of viruses. beyond protocol allows machines to communicate, coordinate, and transact with each other efficiently, securely, and across a digital economy. beyond protocol's technology helps good to triumph over evil as we endeavor to build a beautiful tomorrow.

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About Blockchain at Berkeley
Blockchain at Berkeley is the largest and most active university-based blockchain organization in the world. Premised on the idea that universities are hubs for cutting-edge research and visionary ideas, Blockchain at Berkeley serves as a neutral party that provides blockchain-based education, consulting, and research initiatives. The organization includes more than one hundred university students and a broader community of more than 2,400 members from UC Berkeley and beyond.

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About Chronicled
Based in San Francisco, Chronicled is a technology company leveraging blockchain and IoT to power smart, secure supply chain solutions. The company has developed a decentralized protocol and network for supply chain to enforce cross-organization business rules without revealing private data. Currently, Chronicled's biggest market verticals are Pharmaceuticals, Commodities, and Precious Metals and Minerals.

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About Dashride
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About Luxoft
Luxoft (NYSE:LXFT) is a global IT service provider of innovative technology solutions that delivers measurable business outcomes to multinational companies. Its offerings encompass strategic consulting, custom software development services, and digital solution engineering. Luxoft enables companies to compete by leveraging its multi-industry expertise in the financial services, automotive, communications, and healthcare & life sciences sectors. Its managed delivery model is underpinned by a highly-educated workforce, allowing the Company to continuously innovate upwards on the technology stack to meet evolving digital challenges.
Luxoft has approximately 13,000 across 41 cities in 20 countries within five continents, with its operating headquarters office in Zug, Switzerland. For more information, please visit the website.

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About NuCypher
NuCypher is a data privacy layer for blockchain and decentralized applications that gives developers a way to store, share, and manage private data on public blockchains.

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About Ocean Protocol
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About Outlier Ventures
Outlier Ventures was launched in 2014 as the first European VC focused on blockchain technologies. Now, with a team of 30, they help pre-seed and seed stage startups navigate the emerging token space. Their venture platform which includes academic and corporate partners, offers strategic guidance on token design, their underlying economics, compliance, as well as marketing and technical development.

Their investment philosophy is based on the convergence of decentralised technologies like blockchains and distributed ledgers with 'deep tech' such as artificial intelligence, robotics, the Internet of Things, and 3D printing primarily within the Industry 4.0, Smart Cities and Mobility markets.

Portfolio companies include IOTA, Botanic Technologies / Seed Token, Fetch.ai, Evernym / Sovrin Foundation as well as a number of further planned ambitious investments as well as strategic partnerships with their corporate and academic network. https://outlierventures.io/

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About Shift

Shift is evolving the car buying experience by pairing a technology-first approach with superior customer service. With Shift, one of our friendly car enthusiasts will work with you, whether it's bringing a test drive to your door or providing an instant appraisal for the car you want to sell. Our end goal? To build a more trustworthy marketplace that makes it really simple to buy, own, and sell the cars that make life go.

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About ShareRing

ShareRing is an on-demand, two-sided marketplace that brings together sharing services across all industries and geographies with avid, share economy users who can securely access, connect and pay for these services anywhere in the world.

For users, the ShareRing system provides a seamless, one-stop shop of sharing services while removing expensive currency exchange rates and international transaction fees, irrespective of where you are in the world or what you're borrowing, renting, or sharing.

For sharing companies, ShareRing provides a seamless on-boarding process into the sharing economy and offers a more secure way to rent and share assets, allowing companies to scale, build trust in their brand and gain exposure to a much larger customer database.

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About Xain
XAIN originated as an Oxford University spin-off in 2014 and developed the eXpandable AI Network, a distributed, highly flexible and privacy-preserving access control platform with a novel two-fold consensus mechanism for massive energy reductions and enteprise scale. XAIN's new data structure for hybrid clients allows them to be directly integrated in embedded systems, such as microcontrollers and ECUs, in order to achieve end-to-end security. XAIN has been tested with Daimler, Mercedes and Porsche with the last having published extensive reports on the work done!

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