

CIOReview 20 MOST PROMISING BLOCKCHAIN TECHNOLOGY SOLUTION PROVIDERS-2017



Technology today has permeated every sphere of an individual's life. With a plethora of technologically advanced devices and software at the fingertips of billions of people in the world, a new world has unfolded. Taking the advancement further is what Blockchain offers. It promises to build a world that is digitalized, open and devoid of the obstacles faced by the world currently.

An ingenious innovation which first came to surface with the introduction of Bitcoin, Blockchain as a platform allows users to send 'value' anywhere across the globe. It is an anonymous online ledger that simplifies financial transactions by taking away the 'middle man' from the equation. It fills the three key roles in any transaction – recording transactions, establishing identity and contracts – thereby removing the need for an intermediary. In contrast to a bank where all the transactions and the identities of the involved parties are stored on a centralised network, Blockchain offers a more secure and private environment for carrying out transactions.

If experts are to be believed, the cryptography based technology has the potential of not only disrupting the financial world but also offers unlimited potential for several other sectors. It is being touted as the technology that every business organization should take notice of.

Among these constantly evolving features in Blockchain Technology, organizations need to spearhead themselves to offer the best customer support and partner with the right Blockchain technology solution provider. To assist you, our distinguished selection panel comprising of CEOs, CIOs, VCs, industry analysts, and magazine's editorial board has selected a list of companies that exhibit innovative technologies and approaches.

We have considered the vendor's ability in building solutions and services that can effectively yet economically account for inventive and intuitive Blockchain Technology offerings. In this edition of CIOReview, we present to you "20 Most Promising Blockchain Technology Solution Providers – 2017".

Company	Management	Description
AlphaPoint New York, NY alphapoint.com	Joe Ventura Founder and CEO/CTO	Offers general-purpose permissioned blockchain solution, providing the tools to rapidly develop and deploy a wide range of financial solutions
Bitfury Amsterdam, Netherlands bitfury.com	Valery Vavilov Founder and CEO	Bitfury develops and delivers both the software and the hardware solutions necessary for businesses, governments, organizations and individuals to securely move an asset across the Blockchain
Block.one Grand Cayman Islands, Cayman Islands block.one	Brendan Blumer CEO	Created EOS, an Operating System on which scalable DAC's can be easily built, launched, and governed
Dentacoin Netherlands dentacoin.com	Philipp Grenzebach Co-Founder and Business Developer	Provides an Ethereum-based blockchain platform that aims at improving quality of dental care, reducing treatment costs, and creating a global dental community
Gospel Technology London, U.K. gospel.tech	Ian Smith Founder and CEO	Gospel, a game-changing cloud-based blockchain technology that enables enterprises to share and track their data with absolute trust and security
Hyperledger San Francisco, CA hyperledger.org	Brian Behlendorf Executive Director	Hyperledger is a collaborative effort created to advance blockchain technology by identifying and addressing important features for a cross-industry open standard for distributed ledgers
Kryptoblocks Sacramento, CA kryptoblocks.io	Akash Singh CEO	Provides blockchain and AI-based loyalty program solution

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MLG Blockchain Consulting Toronto, Canada mlgblockchain.com	Michael Gord Founder and CEO	They develop next generation blockchain applications using blockchains and smart contract technology
ModulTrade London, UK modultrade.com	Evgeny Kaplin, Co-Founder and CEO Jean Chaanine, Co-Founder and COO Karthikeyan Kaliyaperumal, Co-Founder and CTO	Enables small and medium-sized businesses to execute global trade
OTC Exchange Network San Francisco, CA otcxn.com	Rosario M. Ingargiola, Founder and CEO Drew Rasmussen, CTO	The company leverages proprietary blockchain to create a P2P trading network that handles real-time collateral management of both parties in a transparent and decentralized manner with instant clearing and settlement and no counter party risk
PeerNova San Jose, CA peernova.com	Gangesh Ganesan CTO	PeerNova has developed a immutable ledger with built-in audit, scale, and other capabilities necessary to help organizations store, secure, and validate data
Plutus London, UK plutus.it	Danial Daychopan CEO & Founder	Plutus is a gateway that decentralizes cryptocurrency exchange and payments through blockchain technology
R3CEV New York, NY r3cev.com	David E. Rutter Founder and CEO	R3 is a financial technology company that works on bringing blockchain inspired technology to the financial markets
Satoshi Systems Ltd. London, UK satoshi.ltd	Saurabh Goyal Founder and Chief Architect	Satoshi Systems Ltd. provides a groundbreaking platform that utilizes emerging technologies such as Blockchain, IoT and Machine Learning to help commodity traders streamline the entire commodity trade supply chain
Streami Seoul, South Korea streami.co	Junhaeng Lee Co-Founder and CEO	Delivers blockchain-powered services for more open and inclusive finance
Synereo Tel Aviv, Israel synereo.com	Dor Konforty Founder and CEO	Synereo develops blockchain-enabled solutions for content publishing and distribution, providing creators and curators with rewarding methods of both publishing and curating content online
The Vanbex Group Vancouver, Canada vanbex.com	Lisa Cheng, Founder and Head of R&D	The firm specializes in consulting, communications, and development for blockchain businesses
Trust Stamp Atlanta, GA truststamp.net	Andrew Gowasack, Founder and CEO Gareth Genner, Co-Founder	Delivers proprietary artificial intelligence solutions to authenticate trusted identities, using cutting edge biometric technology
YouBase Englewood, CO youbase.io	Leonard Kish Co-Founder and CEO	Delivers a secure and flexible data platform backed by blockchain technology for patients to securely share health data
Zimrii Music Sydney, Australia zimrii.com	Mo Jalloh, Co-Founder and CEO Paolo Gava, Co-Founder and CTO	Offers a music platform based on blockchain, aiming to reward artists and musicians fairly through the application of automated music contracts

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Blockchain Special

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OTC Exchange Network

recognized by CIOReview magazine as



An annual listing of 20 companies that are at the forefront of providing Blockchain solutions and impacting the marketplace

Company:

OTC Exchange Network

Description:

The company leverages proprietary blockchain to create a P2P trading network that handles real-time collateral management of both parties in a transparent and decentralized manner with instant clearing and settlement and no counter party risk

Key Person:

Rosario M. Ingargiola,
Founder and CEO;
Drew Rasmussen,
CTO

Website:

otcxn.com

OTC Exchange Network Breaking New Ground in Forex

Considered the largest financial market in the world, the forex market processes transactions worth trillions of dollars each day. Behind the multi-trillion dollar marketplace are much more than online brokerage accounts and Bloomberg screens. At the top of the pyramid are prime brokers, providers of a wide variety of custodial and financial services, including acting as intermediaries between trading entities to eliminate counterparty risks. However, clients must satisfy extremely onerous requirements set by prime brokers to establish credit lines that provide access to the best exchange rates. As an industry veteran with over a decade in institutional trading system infrastructure development, Rosario M. Ingargiola founded OTC Exchange Network (OTCXN) to eliminate the credit gap that exists due to the lack of prime broker provided access. OTCXN accomplishes this by leveraging its own proprietary blockchain technology stack to operate a peer-to-peer (P2P) electronic trading network. The network democratizes access to wholesale liquidity, making it possible for any trading entity to face any other trading entity directly, without counterparty risk. “We are revolutionizing the FX space so that trading entities do not require conventional prime brokerage credit lines to access the wholesale market—our trading network gives them an entire trade-to-settlement solution,” states Ingargiola.

OTCXN’s core competencies lie in building institutional-grade blockchain technology as well as exchange technology. “We are using these two core competencies to essentially change the way digital assets are traded starting with the FX markets and cryptocurrency markets.” The company is developing a total solution that includes a suite of real-time services, such as collateral management, liquidation risk management, counterparty risk and liquidity management, instantaneous clearing and settlement, and post-trade messaging. The solution caters to various market participants like the custodians who hold client assets and the trading entities. OTCXN provides trading entities with APIs as well as real-time web applications, with full trading capabilities that include blotters and tools for managing their collateral. All

trading uses the industry standard FIX protocol without the need to adopt or integrate any new protocols or technologies. “We basically change the way trading entities face each other

financially; they can then trade FX bilaterally or multilaterally over existing ECNs and matching engines,” says Ingargiola.

“We have developed the first provable, institutional-grade, end-to-end digital asset trading network

Additionally, the company provides a software gateway to banks that facilitate tokenization and reservation of collateral for trading members, such as cash in the client’s bank account, without OTCXN holding or controlling the collateral. “Our trade-to-settlement solution is a completely new hybrid market model powered by our turn-key blockchain technology that allows trading entities to transact with each other easily in a decentralized manner with complete transparency,” says Drew Rasmussen, CTO of OTCXN.

Unlike other blockchain platforms that function within the boundaries of a single organization, OTCXN’s multi-dimensional blockchain architecture, which includes an inter-blockchain communication protocol to create a global virtual ledger, natively allows multiple organizations to work with each other seamlessly while guaranteeing the complete benefits of blockchain. Interestingly, the company’s technology can not only solve the biggest problem in the FX space by eliminating the need for prime broker credit lines to transact on the best prices, but it also supports cross-exchange clearing and settlement in the cryptocurrency space. Ingargiola

believes that currently, the space lacks a way to secure the assets with a single trusted bank custodian while trading on liquidity found on any exchange; OTCXN can leverage its ground-breaking blockchain technology to fulfill that need. “This is the future of cryptocurrency trading, especially for institutions who need security, transparency and provable transaction history for their auditors and fund administrators.” **CR**



Rosario M. Ingargiola