

CIOR Review

The Navigator for Enterprise Solutions

IoT SPECIAL

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20 Most Promising IoT Solution Providers 2018

The way everything in the world today is connected to each other can be considered as an epitome of technological advancements. The Internet of Things (IoT) has revolutionized and bridged the virtual and real worlds with a plethora of technology such as biochip transponders, and heart monitoring implants, to smart cities and connected devices. It has become a ubiquitous phenomenon as evidenced by the proliferation of smart appliances, wearable devices, and digitally-optimized vehicles, promising to improve the productivity levels, across industries, and the quality of life in general.

From the convergence of wireless technologies, the Internet, and the micro-electromechanical systems (MEMS), the world has seen the evolution of IoT. This convergence has connected the operational technology (OT) and information technology (IT) in a much more efficient way and has allowed several unstructured data to be analyzed for insights which have driven

in several improvements in connectivity around the globe. Leveraging the latest trends in IoT such as the blockchain, SaaS, and cognitive networking, multitudes of technologists, solution providers, and startups are pushing IoT with innovative solutions, giving enterprises new dimensions of business workflows and processes like never before.

To help CTOs, CIOs, and CEOs find the right IoT Solution Provider, a distinguished selection panel comprising of CEOs, CIOs, VCs, industry analysts, and the CIOR Review's editorial board has selected a list of IoT solution Provider that exhibit innovative technologies combined with latest financial strategies.

We have considered the vendor's ability in building solutions and services that can effectively yet economically account for a productive wealth management, keeping in mind the factor of time-focused delivery. We present to you CIOR Review's "20 Most Promising IoT Solution Providers - 2018".

HiQo Solutions, Inc. Holistic IoT Engineering Solutions

An engineering team at HiQo Solutions, Inc. analyzes a hardware design specification produced by one of their clients. The task at hand is to examine the existing IoT infrastructure in order to find out the reason for the devices exorbitant power consumption. During the evaluation process, HiQo records client's component choices while they assess the various data feeds in order to weigh alternative options for the existing power systems needed to lower the consumption. The team also analyzes the client's firmware structure to pursue strategies that will increase the overall efficiency. HiQo's highly specialized engineering team then selects a gateway that can collect the data and stream it to the internet, or any other platform of choice. Having collected all the necessary information, HiQo's development team begins to weave magic.

also implement custom machine learning algorithms in various programming languages and frameworks using advanced regression techniques to construct mathematical models that assist clients in making informed business decisions. Mauersberg further elaborates that along with designing a seamless IoT setup, they also focus on network security.

In an era where data breaches are rampant, securing IoT infrastructure is of paramount value. However, IoT security involves implementing stronger encryption through powerful processors which incurs higher power consumption and in turn leads to less battery run-time. HiQo solves this impediment by striking the right balance between power requirements and encryption. Feeding the data into blockchain and monetizing it, the firm aims to offer fool-proof data security. With GDPR and



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They swiftly deliver software engineering services configuring and/or developing gateway software. Consequently, HiQo provides mathematical data processing through their in-house data analytics team. “By providing custom analytics solutions, we help clients understand their vast IoT data and generate intelligent insights on preventative maintenance,” says Martin Mauersberg, CEO of HiQo.

By offering advanced teams that combine skill in IoT engineering, Hardware/Software Development and Mathematical Data Processing, HiQo excels as one of few, one-stop-shops, for an organization's IoT implementation requirements. The firm's team comprising hardware engineers, RF (Radio Frequency) specialists, wireless technology specialists, statistical mathematicians, and diverse software engineering skills cater to the holistic IoT needs of the clients.

HiQo incorporates appropriate third-party platforms for data storage, connectivity support, device management, data analytics, and visualization based on client requirements. They

other European laws due to be applicable from June 2018, HiQo puts greater emphasis on data ownership and compliance. The firm has a dedicated team of experts to bring forth architectural changes in the systems and separate the consolidated data that ensures users can access their data in a highly compliant environment.

In order to stay ahead of the competition curve, HiQo focuses on putting the right talent at the right place. "We organize various team building events which are essential in peer-team building and exchanging knowledge internally," says Mauersberg. The events are also very helpful in constructing HiQo's technological roadmap as the firm allows employees to research on the newest technologies and gain new conceptual insights. For the road ahead, HiQo aims to acquire an RF company in the U.S. that will augment and complement their capabilities. HiQo also plans to continue leveraging their extended relationships with European universities to recruit fresh talent and refresh their innovation strategies with new ideas. [CR](#)



Company:
 HiQo Solutions, Inc.

Description:
 Providing a complete IoT setup for organizations without the need to hire various partners and adopt different interfaces

Key Person:
 Martin Mauersberg
 CEO

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