



482.solutions Playbook Q1-Q3 2019



*482.solutions - company, inspired by the P2P paradigm that delivers research and development services to empower global evolution via distributed technologies
We believe in the leverage effect based on the synergy of scientists and engineers to create more thoughtful products. We are creating technology solutions that let business and society evolve, exerting global transformation impact*

482.solutions' Playbook is a short digest of our achievements, plans, and news. We believe that the future lies in innovation and our team is pleased to be part of everyone's new, technological life.



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1. We're breaking new ground

The only way to discover the limits of the possible is to go beyond them into the impossible

Arthur C. Clarke, English science fiction writer

Kuala Lumpur, Hong Kong, Singapore, Kenya, Uganda, Amsterdam, Paris, Minsk... Different Earth's hemispheres, but our team representatives managed to visit there only this year, although it hasn't ended yet!

We expand not only geographical borders, but also our personal ones, achieving new goals. The founders of the company completed a large-scale [roadshow](#) in Asia and returned with a wealth of experience and results.

For the first time, in the capital of Malaysia, representatives of 482.solutions - Roman Kravchenko, CEO, Ivan Balashov, CFO and Alexander Krivoruchko, COO, were honored to have an appointment with The Ambassador Extraordinary and Plenipotentiary of Ukraine to Malaysia — Olexander Nechytaylo.



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Cooperation with the Ukrainian Embassy in Malaysia



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During a second visit to Kuala Lumpur, 482.solutions, with the assistance of the Embassy of Ukraine in Malaysia, held a meeting with MAMPU representatives on the issue of cooperation in the development and research of innovative solutions based on blockchain technology.



Cooperation with MAMPU (The Malaysian Administrative Modernization and Management Planning Unit)



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MAMPU (The Malaysian Administrative Modernization and Management Planning Unit) is one of the leading government institutions in Malaysia, which is responsible



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for modernizing and reforming the public sector. Based on the MAMPU missions, for 482.solutions it was important to make a presentation of the Ukrainian IT sector potential and discuss cases of using the distributed registry technology (blockchain) in the public sector.

Representatives of 482.solutions talked about digital identification, supply chain management, and also about the economy of robots possibilities.

It is also worth highlighting the meeting of the 482.solutions' founders with representatives of [MIGHT](#) (The Malaysian Industry-Government Group for High Technology).

This organization is an independent and non-commercial technological analysis center, which is under the auspices of the Malaysian Prime Minister's Department. This organization is based on a public-private partnership and plays a key role in the development of high technologies for business in Malaysia.

During the meeting, representatives of 482.solutions and MIGHT discussed the possibility of using blockchain technology in Malaysian financial sector projects and directions for the development and transformation of the digital economy.

The 482.solutions team also spent unforgettable and fruitful days in Singapore. For example, "Token-economy in the distributed cybersecurity solution" became one of the leading topics at the [Finext](#) conference in Singapore which was fully revealed by 482.solutions' CEO Roman Kravchenko.



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Roman Kravchenko,
482.solutions' CEO at FiNext
Conference, Singapore



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Moreover, as part of the [IoT Asia](#) Head of IoT Department, Leonid Khatskevych gave a lecture on IoT and blockchain usage scenarios in supply chain management, robotics, and identification systems.



482.solutions at the IoT Asia



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Arriving in Hong Kong, CEO of 482.solutions, Roman Kravchenko, took part in the Cybersecurity Panel: "Feeling Safe: Security, Privacy and Blockchain" at Hong Kong



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Blockchain Week 2019 with Meikei leong (CTO at [ASTRI 香港應用科技研究院](#)) and David Huseby (Hyperledger, [The Linux Foundation](#)).



Roman Kravchenko took part in the Cybersecurity Panel: "Feeling Safe: Security, Privacy and Blockchain", Hong Kong Blockchain Week 2019

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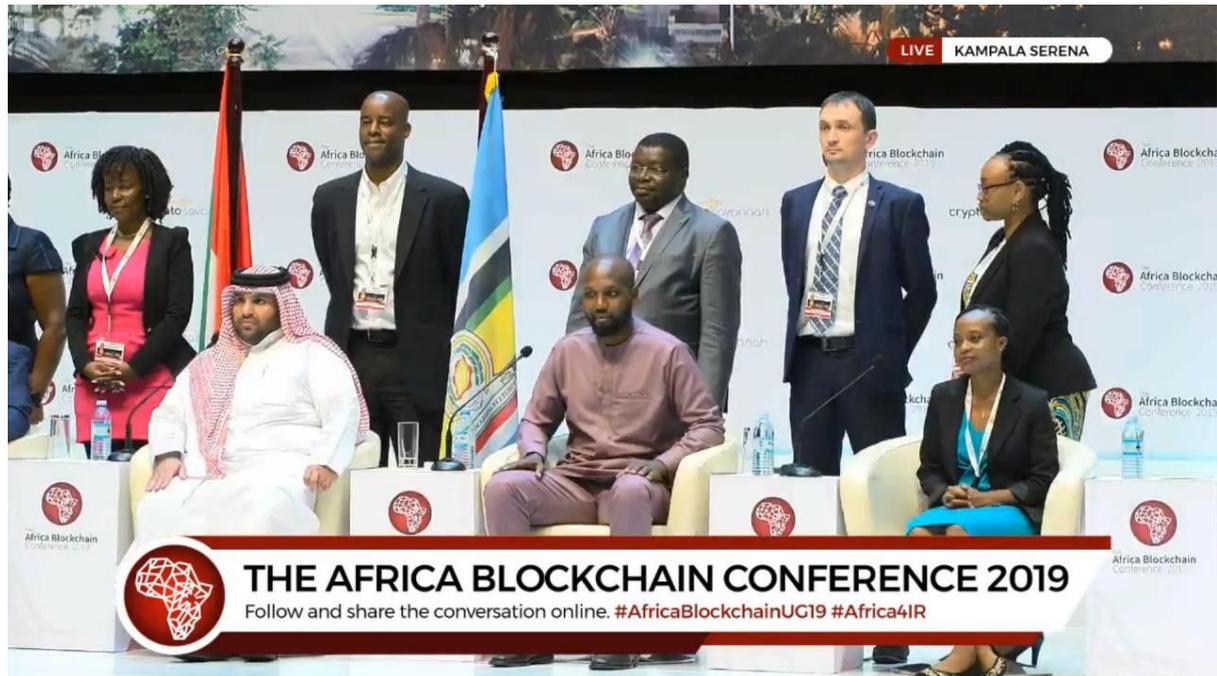
Sometimes it seems to us that our leaders hide that they have a teleporter because it is impossible to move around continents so quickly. But Leonid Khatskevych proved the opposite by sending us a photo from Africa.



As part of the diversification of exports from Ukraine to Kenya and the promotion of value-added products, Leonid met with representatives of the Blockchain Kenya association with the assistance of the Embassy. During the meeting, ways to establish cooperation in the IT-sphere were discussed. 482.solutions specialist presented the achievements of our Blockchain experts, which were received with great interest by Kenyan association's representatives. According to the meeting's results, as part of a diplomatic mission, a Memorandum of Understanding was signed between the Blockchain Association of Ukraine and the Blockchain Association of Kenya.



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As part of a business trip to Africa, Leonid also attended the [Africa Blockchain Conference](#) in Uganda as a speaker. Along with the presidents of Uganda and Sierra Leone, as well as with the world technical experts, Leonid discussed the preparation of Africa for the Fourth Industrial Revolution.

Back in Europe, we went to [Blockchain Expo Europe 2019](#) in Amsterdam. The CEO of 482.solutions, Roman Kravchenko, took part in a panel discussion on the topic “Benefits and challenges of integrating blockchain into your business model”. On the second day of the event, Roman revealed the benefits and challenges of using blockchain in the P2P economy.

We are pleased that states are beginning to realize the need for digitalization. For example, France is a country that knows that its future must be honest, transparent and automated. Alexander Ivanov, Chief R&D Office visited Paris and [received](#) many insights.



Alexander Ivanov at the Paris Blockchain Week Summit



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482.solutions believes in blockchain and believes in games using this technology, so we could not miss the [Crypto Games Conference](#) in Minsk, where more than 1000 professionals, hundreds of companies from more than 30 countries came together to exchange experiences, discuss new products and business cases.

2. 482.solutions team promotes the technology

"I believe engineers will save the world"
Jay Leno, American TV presenter, and writer

482.solutions specializes not only in the development of distributed systems and infrastructure based on blockchain technology, but also actively develops educational projects, popularizing the technology.

A team of professionals, which is always ready to share their knowledge, is trying to cover as many opportunities as possible in order to draw attention to the important changes that can occur with various industries using blockchain technology. That's why our experts often write informational articles revealing the topic of the blockchain's use.

For example, Leonid Khatskevych [shared](#) with readers of The Daily Hodl the blockchain gadgets and solutions implemented this year, and 482.solutions' CEO, Roman Kravchenko, told in [his article](#) for Ihodl.com English what trust is in general,



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what prevents the introduction of innovations in political processes and how life will change within the state when introducing blockchain technology.

In order to popularize technology, we also organize specialized events. In cooperation with the Blockchain Association of Ukraine, the first Kyiv Blockchain Week is launched, within the framework of which [Blockchain for Good #1](#) will be held. Our speakers will share blockchain use cases and talk about the benefits of using technology in various areas of life.

It is also worth highlighting the speech of Roman Kravchenko at the plenary session with a report on the topic: “Blockchain as a transactional protocol of guaranteed transfer of values between digital twins” at the international scientific and practical conference [ISIT-2019](#).

Moving towards the massive introduction of blockchain technology, Roman Kravchenko met with representatives of companies such as HSBC, Capgemini, Maersk, and Teamblockchain as part of Blockchain Expo Europe 2019.

Leading industry experts in the panel discussion “The Benefits and Problems of Integrating Blockchain into Your Business Model” discussed quite important points, for example, what competencies can offer technology for business, how to implement a successful strategy, as well as what needs to be done for the global blockchain’s adaptation and how to become a winner in the race for solutions’ compatibility.

The [482.solutions](#) team is committed to developing not only innovative blockchain solutions but also contributes to their implementation at the state level, in collaboration with ministries and government agencies.

Moving in this direction, CEO of the company, Roman Kravchenko, and Leonid Khatskevych, Head of IoT Department, took part in the annual All-Ukrainian festival of innovations.

The Ministry of Education and Science of Ukraine, the festival’s organizer, determined the popularization of academic entrepreneurship and the presentation of the best projects by Ukrainian scientists and innovators as the main goal of the event.

482.solutions believes that Ukraine can become a technological center, as it has all the technical and intellectual resources.



3. 482.solutions expands Partnerships

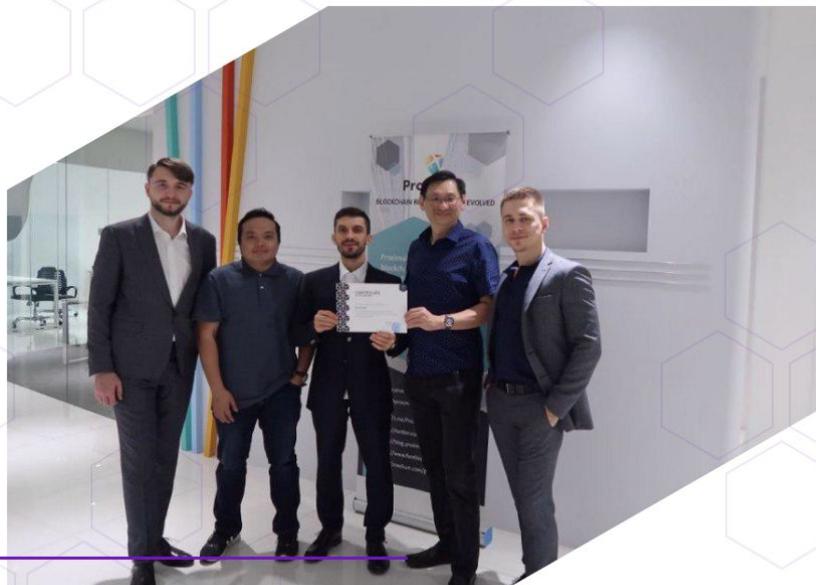
“If you do not believe in cooperation, look what happens to a wagon that loses a wheel”

Napoleon Hill, an American journalist, writer, and psychologist

482.solutions is proud to partner with world-class technology projects around the world. As part of our large [roadshow](#) in Asia, our founders visited the ProximaX main office in Kuala Lumpur, Malaysia. Here, our founders personally presented a certificate of cooperation to the founder and co-founder of ProximaX, Mr. Lon Wong and Mr. Alvin Reyes.



Strengthen partnerships with ProximaX



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We always follow the giants of various industries, therefore, we could not fail to notice that the largest energy holding [DTEK](#) is always at the forefront of technological development. The 482.solutions team was pleased to visit the new Innovation DTEK office as part of the Innovation Days.

482.solutions' CEO, Roman Kravchenko, and Head of IoT direction, Leonid Khatskevych, also had the opportunity to present a RoboCharge solution at Innovation Days. It is a project of a distributed system of robotic agents' economic interaction in smart energy supply networks.

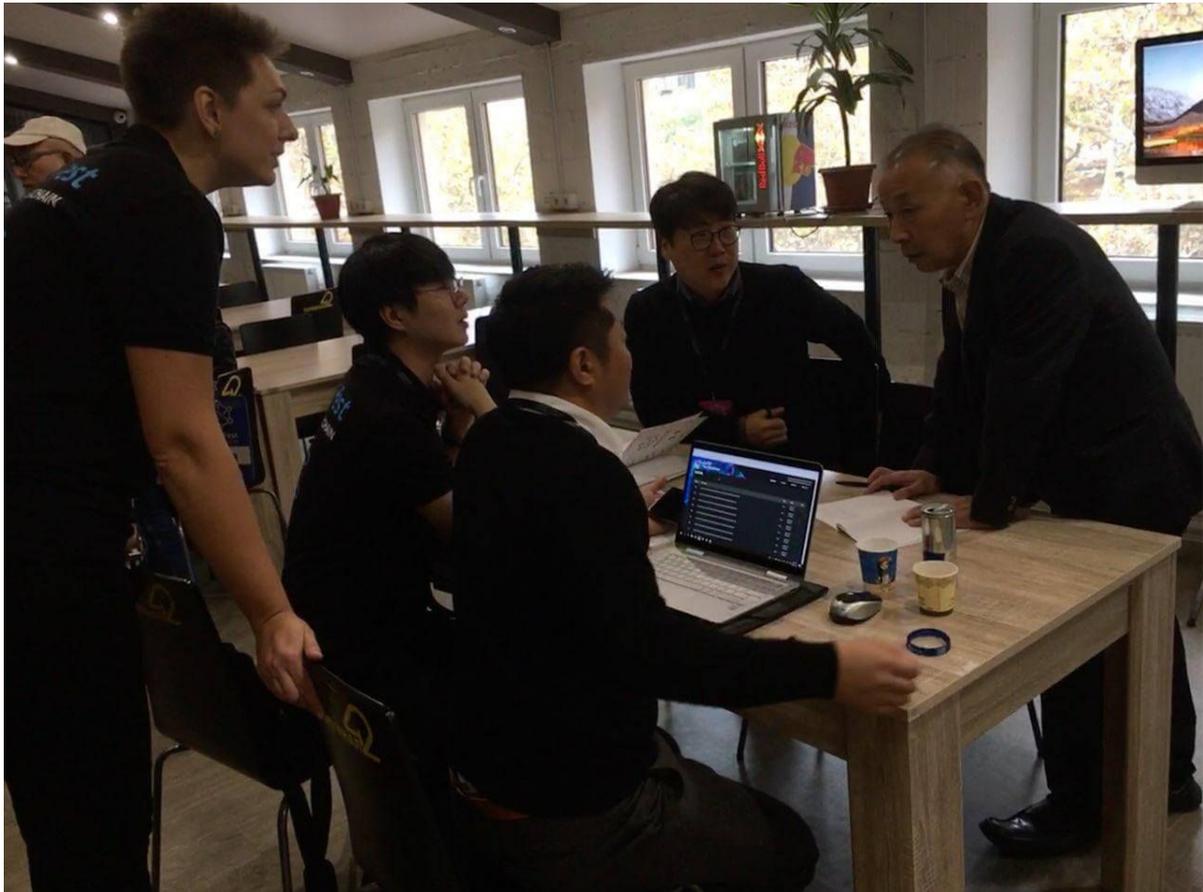


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The solution uses Blockchain technology and demonstrates the possibility of machines' economic relations without the intervention of the human factor or another third party.

482.solutions actively supports initiatives to create digitalized solutions both at the level of individual industries and entire states. So, we're always ready to help in the innovative projects' implementation. Thus, 482.solutions became the first representative of the blockchain industry among members of the Association of Industrial Automation of Ukraine (APPAU).



482.solutions, together with the Hive.id project and the Korean blockchain platform WIZBL held the first international large-scale hackathon in Odessa for blockchain developers and crypto enthusiasts. The event brought together not only experienced blockchain engineers, but also those who for the first time decided to try their hand at decentralized technology.

4. Our achievements

*“There are never great things without great obstacles”
Voltaire, the French philosopher-educator*

One of our directions is the Internet of Things (IoT) sphere, in the framework of which we have already developed promising solutions that have received a response on the world stage.



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Thanks to this, 482.solutions was honored to be included in the independent [list](#) of “Ukrainian Landscape Industry 4.0”.

Our engineers are also convinced that the global Hyperledger initiative is a real source of innovative projects and technologies forge. However, in one of the frameworks, in Hyperledger Sawtooth, the developer of the 482.solutions team [discovered and resolved](#) a performance problem.

Having developed the first VR game on the blockchain - Check the maze !, we presented it on [WeGame 5.0](#), which found a response from the jury of the event and its visitors. Thanks to such positive feedback, the 482.solutions team received the WEGAME Special Awards, which proves our desire to make the industry, such as gaming, an honest and transparent environment for entertainment and business.

5. Our industry vision

*“Where the frontier of science once was is now the center”
Georg Christoph Lichtenberg, German scientist, philosopher and publicist*

Blockchain has already ceased to be perceived by technical experts as a novelty; many working blockchain solutions have already been introduced in the financial sector. At the same time, there remain some obstacles that stand in the way of introducing technology into such global sectors as, for example, energy, urban planning, and document management.

The energy industry is experiencing an acute shortage of modernization tools today.



Energy Industry: Development Opportunities Through the Technologies

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ROMAN KRAVCHENKO
CEO

In this regard, the CEO of 482.solutions, Roman Kravchenko, [considered](#) innovative ways to develop the energy system and shared his opinion on how Smart Grid technology, virtual power plants (VPP), blockchain, V2V (Vehicle-to-Vehicle) and V2G (Vehicle to Grid) can lead to increased energy capacities, as well as the creation of new types of power plants and electricity distribution models

How electronic workflow will change through the blockchain's implementation and the benefits of using this technology in registries is clearly presented in [the infographic](#) from our analysts.

In addition, we believe that the innovative Digital Twins technology in conjunction with the blockchain can improve the quality of work processes in various businesses. This was described in [the article](#) by Alexander Ivanov, Chief R&D Officer at 482.solutions.

About us

482.solutions is a team of professional developers, analysts, and scientists who believe that global transformation begins with everyone. By introducing technological innovations, we help society and businesses improve their processes.