KSYS

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THE WHITE PAPER

The K Systems LTD KSYS ERC20 Token

Its distribution and its interaction with the K Systems LTD products and services as the official Company's Ecosystem Currency

Version 4.2, review 0.8, July 2018 by Mickael LEVY

A Word From CEO

Mickael LEVY
CEO

My name is Mickael LEVY, I am the founder and CEO of K Systems LTD, a small company with great ambitions.

I was born in Nice, France, on the 31st of January 1977. I live in Italy.

My first PC was an IBM XT/286 that my father managed to get as a gift from a customer that was happy with what he had done for him. It was 1988, I was only 11. I work in the IT world, at very high technical levels and around the World, since 1996.

I can administer a Sun Enterprise 10000 (Sun Enterprise - Wikipedia), I can patch an RJ45 cable with a hammer on top of a mountain, I can build and deploy FUD payloads in about any code, I can install and configure 2 motorized VSAT, 25 wireless access points on board a 79 meters mega yacht (after patching it) all by myself (http://www.superyachts.com/motor-yacht-2572/ss-delphine.htm), I can write CNC programs for high precision aerospace components, I can design those components in Catia V4 and V5, and, really, much more...

My life has always been tough, very tough, but I will spare you the details... In fact, the reason I am sending out this message, is that I want to share a few concepts about myself, my Company, and my vision, with you.

First, I am not a conventional CEO, thus, K Systems LTD is not a conventional Company.

Many people tell me things like: "Why your sites do not look like the other startups' ICO sites?" or "Why are you investing more into backend development rather than marketing?", or even "Why do you always want to achieve perfection? That ain't the way you gonna make money!".

The answer, to all those questions, is: Because I am honest.

I am honest to myself, in first place. I am proud enough not to become as cheap as a 39$, no programming required, template. I try to be creative.

I am honest with the people who believe in me, like my daughter and my wife, thus I must constantly challenge my mind and go deeper into developing new things. That keeps me alive.

I am honest with who's investing in me, I must deliver the best and most innovative products, always! That makes me entitled do go proudly on with my work.

Second, K Systems LTD is a hungry Company.

This meaning that K Systems LTD's objective is that of becoming a reference in several high tech and industrial fields. To achieve this, we must work much and at the top levels, and that is what we are doing.

I personally wake up at 5 A.M. every day. I don't go sleep, I just fall asleep, late at night. In the last 3 years I have seen the same amount of dawns and sunsets... I work hard, and my team does to.

Finally, I want people from all over the World to work on my projects. People of any belief, of any color, sex or race. Let us build the future, based upon trust, respect and technology.

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“Every great dream begins with a dreamer. Always remember, you have within you the strength, the patience, and the passion to reach for the stars to change the world.”

Harriet Tubman

Abstract

K Systems LTD is a registered UK firm (#11291459, Unique Taxpayer Reference 765811430 A), building and deploying dApps for the Aerospace and Automotive Industries since 2013 (specializing in AS/EN 9100 Quality Standards and CAD/CAM/CAE Parametric Blockchain Based 3D Suites like K-ATIA), manufacturing the K Systems Supercomputer Series and providing ICO and Security services for startups.

AS9100 (BS EN 9100) is the aerospace industry standard for quality and risk management.

Benefits of implementing the standard can include a reduced risk of product and service mistakes and fatal failures and, mostly, securing a license to trade.

The production workflow must proceed alongside the quality and risk management to push the output at the very top levels.

The K Sys dApps are designed to help industries delivering AS/EN9100 or ISO/TS 16949 certified parts seamlessly.

While implementing our PreICO and ICO schemes, we also developed a set of tools to speed up the process of deploying Smart Contracts on the EVM (Ethereum Virtual Machine) while checking them for security flaws, these tools will be used to offer our ICO Setup products and Services.

All of the K Systems LTD products and services are only purchasable with KSYS Tokens. The total supply (40,000,000) will not be increased and KSYS Token holders will keep their coins as they have a real value within our ever growing K-Economy Model, and, as we all know, if “Holders HODL, the value increases”, making it interesting for everyone to adopt the KSYS Token as their Favorite Crypto Currency!

The Problems

K Systems LTD objective is to solve a series of problems within the Aerospace and Automotive industries design and production processes. Also, our aim is to help people around the World learning CAD/CAM/CAE parametric industrial design in a totally revolutionary way.

The problems we want to solve are:

1. Implementing a formal QMS (Quality Management System) in an organization that doesn't have one, but hopes to be ISO 9001 compliant or certified, presents a unique set of challenges.

A few of the challenges companies must face while attempting to implement the ISO quality standards without the K SYS QMS dApps are:

- *The context of the organization – requires an understanding of the external and internal factors that could impact the organization's ability to meet its objectives.*

- *Identification of Stakeholders and Interested Parties – Although self-evident, the revised standards enlarge the group of stakeholders and interested parties beyond customers and owners/shareholders of the organization.*

- *Risk-based Thinking – An added dimension to decision making at all levels within the organization and encourages the consideration of risks and opportunities with achieving the desired objectives. Process level analysis has been present in sector-specific standards; however, for many organizations the requirement to demonstrate risk based decision making is challenging.*

- *Process Approach – A challenge even before the 2015 revisions. Organizations continue to address their management systems on the obsolete clause basis and are in the journey of thinking along business processes. Identifying business processes at a relevant level and assigning process indicators for effectiveness, has proven to be of great value to those organizations that have successfully made the transition.*

- *Out-sourced Processes – The applicability of these requirements has not changed and yet the type of control to be exercised over outsourced processes includes consideration of the environmental aspects and impacts over the life cycle of the product or service.*

- *Leadership and Commitment – The requirement to demonstrate a commitment to the organization's quality or environmental management systems and ensure the integration of those requirements into the organization's business processes has drawn in executive responsibilities in the certification processes. By engaging top executive management in such decisions, organizations are now able to demonstrate the value of an effective management system in assuring business success. Complex structures and large organizations have the difficulty of assuring and demonstrating such leadership engagement and commitment for processes previously delegated to the "quality" or "environmental" department.*

- *Multi-Site Coordination – Larger organizations have an increased level of complexity with multiple locations and assuring consistent roll-out of business processes across the locations. Especially when the focus is in awareness, training, and competency development in the requirements such as risk-based thinking across all levels of the organization. Technology can be a great friend for such organizations in deploying the knowledge across multiple locations.*

- *Timing – In many large organizations, the timing decision on planning and implementing upgrades to the latest revision is made at a corporate or divisional level. While global or corporate processes are*

more conducive for changes with a short lead-time, it is often a challenge at site/plant level to deploy the information and changes with short notice. Deployment of internal assurances like internal audits, corrective actions and management reviews requires planning prior to undertaking the upgrade assessments. A project plan that includes timing of awareness, education, training, and gap assessments could make the journey more predictable and less prone to risks.

- *Terminology – The revised standards indeed include new terminology for business concepts currently in place. Most organizations practice some version of risk-based thinking in their decision making; however, building awareness and implementing risk-based thinking into all levels of the organization and into all the business processes is challenging. Similarly, integrating terminologies such as the context of the organization, stakeholder's needs and expectations, and life cycle approach into current business practices is an evolution into the new requirements.*

- *Outcomes and Performance – One of the significant changes is the focus on "output matters" and "performance". With the essential requirements for leadership commitment, risk-based thinking, and stakeholder expectations, organizations can focus on the achievement of intended results, i.e., output and performance. Organizations that have relied on volumes of procedures and documents that cover up inefficiencies may find it challenging to demonstrate the effectiveness of their business processes. The 2015 revised standards enable a strong focus on business outcomes and environmental performance such that value and return on investment in a certified management system is clear.*

2. Industrial Designers and Manufacturing Industries from all around the world meet several issues in connection with the CAD/CAM/CAE Software Suites available on the market today.

We can list some of those issues as it follows:

- *Licensing costs: The prices for a Dassault Systemes (3DS) CATIA V5/V6 or a Siemens UG/NX license are hovering in the tens of thousands of $ per machine. Smaller companies must license their CATIA or UG/NX stations if they want to deliver their projects to their customers. These costs are excessive for them and contribute to make it virtually impossible for freelancers to have access to clients like Boeing, FIAT Chrysler, Airbus just to name a few. In addition, the 3DS and Siemens anti-piracy policies are extremely harsh, and, as it happens often, a guest user on a company's network with a "cracked" license could cost a fine that hovers a couple of milion $...*

- *Target ID based licensing: Most of the 3DS Catia and Siemens UG/NX implementations are licensed using "node-locked" or "floating" methods, thus making it difficult to have an actually scalable infrastructure and making a simple PC replacement a tedious and complex task for the IT departments as they have to deal with the licenses resellers in order to have the new ones generated. It can take days, sometimes weeks. Most of the time, several different sub-licenses are necessary for a single designer...*

- *Release specific CAD model or CAD part "pollution": Ask any CATIA or UG/NX designer... This is a terrible thing at the user level. In fact, while producing 3D parts and models industrially, the major companies (like Boeing, Airbus, FIAT Chrysler etc.) impose to their designers and to their providers to use a specific release version for the CAD software. For instance, Boeing imposed the 3DS Catia V5 release 18 for the Boeing 777x program to all parties involved in the project. Problems arise due to the fact that a model or a part can be opened with a higher release without any warning, but then will be not openable with the original release anymore. This results in the loss of great amounts of time and money for the companies that have to provide the 3D files to their customers.*

- *Certified and extremely expensive CAD/CAM work stations: Catia and UG/NX run well and are supported only on specific machines that are not cheap at all and have a great influence on the companies' budget.*

- *Extremely high educational and training costs: Learning how to use these classic and standard CAD Suites is NON-AFFORDABLE for most of the good young brains around the World that cannot pay thousands of $ to start their designer's career.*

3. High-level instruction should be available to anyone around the globe and the costs to access it should be contained, but the reality is different, as our CEO wrote:

I noticed during my many years traveling and working around the World (and I guess you all noticed just by living your lives…), that an enormous deal of "Human Intelligence Power" just gets wasted.

This does not happen only in the Third World, but actually happens anywhere around the globe, and mainly for the same reason: Studying, learning, is far too expensive, or, in other cases, it cannot be afforded by many families, who have other vital priorities – like food and shelter – to care of.

Also, specific subjects such as ISO 9001 Industrial Quality Standards, Industrial Three Dimensional Design and Advanced Hardware Assembly and Engineering are kept away from most of the kids on Earth, they are just inaccessible to them and even their learning is monopolized by a few multinational companies and some institutions.

All this leads to a situation in which we have an enormous amount of good brain matter that just gets dumped and cannot be used to speed up the Human Evolution!

Now, think about this for a moment:

If that person you see laying on the sidewalk every evening when you get back home from work would have had the chance to study high-level engineering subjects when he or she was young, do you think this person would be there now?

Probably not. Even if life events are unpredictable, someone would most likely need his or her knowledge now, and would somehow have to pay for it.

If those very young men that put all their energies into satisfying some evil manipulator, forgetting what life is about, forgetting what they can do for their own future and for the future of their children – those very people who are where they stand because of their social background and their economical situation – could just be let free to believe in themselves, their capabilities and their dreams by having access to education, wouldn't Peace on Earth be a bit more simply achievable?

I believe so. When you have a goal, an objective, a real passion, it becomes difficult to hate life, even if it is not your own.

If that starving children you saw on TV would have the possibility to become Aerospace designers, Advanced Hardware Experts, Blockchain Geeks, AS/EN 9100 Aerospace and Automotive Quality Engineers, if their dreams could at least attempt to become reality, thru their passion, perseverance and hard work, wouldn't Human Evolution proceed at a faster pace? Wouldn't the World be a better and safer place? Wouldn't Mars seem closer to us?

The answer to all those questions is the same:

Of course, it would! Even one single idea, not a single human being, but just one single idea, can contribute to change the World, and a Human Brain has lots of ideas, so we can no longer afford to waste these resources, for the sake of the Future Generations!

Mickael LEVY CEO @ K Systems LTD

Our Solutions

K Systems LTD's dApps and products are conceived to help the Aerospace and Automotive industries effectively addressing the above mentioned issues and, our philanthropic view, is focused on helping future generations live in a better World.

1. To bypass the difficulties that industries meet while attempting to implement the AS/EN 9100 Quality Standards, we have created K SYS 1: The First Blockchain Based Aerospace and Automotive AS/EN 9100 Compliant Quality Management System Suite

The K SYS (K Systems) are DApps that live on the Ethereum Virtual Machine (EVM). The first of them, K SYS 1, is an AS/EN 9100 Compliant, Production & Quality Management System (QMS) set of dApps (suite) meant for the Aerospace Industry. It is actually a set of Decentralized Applications used to version, store, secure, certify and track all the data regarding the industrial production of a car, an aircraft or a satellite module. Forever.

K SYS 1 is effectively working in High Precision Manufacturing of Aero Space Components for Ingegneria Aerospaziale Torinese (IAT) S.r.l. in Turin, Italy, since the second quarter of 2017. The alpha and beta testings took place in 2016.

K-ATIA (K Systems – Aided Three-dimensional Interactive Application) will become an official module of KSYS 1 at the end of 2019.

How did we achieve that?

K SYS 1' implementation of the ISO 9001 Quality Standards is achieved using multiple Smart Contracts that are linked to each other and that use the only decentralized consensus algorithm capable of meeting the performance requirements of applications on the blockchain, Delegated Proof of Stake (DPOS).

Each step and document involved in the production flow of the parts (from the first proposal review till delivery) is permanently stored on the blockchain and IPFS, at the end of the process the parts are automatically compliant with the ISO quality standards, since the completion of every step is mandatory in order to move to the next one.

AS/EN 9100 Gear Box K SYS 1AS/EN 9100 Fully Compliant Left Gear Box Shell Produced Using K SYS 1, Turin, Italy, November 2017

K SYS 1 uses the KSYS ERC20 token to reward the suppliers that have submitted the parts, and/or the documents required by the project, and rely on a Clustered IPFS implementation to store the actual data (transport documents, drawings, emails, CAD files, invoices, CAM part programs etc.), K SYS 1 has a built-in penalty system for the suppliers or workers who do not deliver on time, at the requested rate or at the required quality level. Every action is recorded on the Blockchain.

The Working Prototype

In December 2016, a trial version of K SYS 1 was created in cooperation with I.A.T. S.r.l. in Turin, Italy.

This pilot project showed that K SYS 1 represents an absolute innovation in the field of industrial production and quality control of flight components of the aerospace industry.

In this phase, it was also clear that the target market of K SYS 1 is not just limited to the suppliers of large aerospace corporations, such as GE AVIO, Leonardo (FINMECCANICA), Boeing etc., but also to themselves.

The KSYS 1 IPFS Data Storage Engine (DSE), can be used by anyone at https://ksystems.io/DApps/KSYS1_IPFS/

As Adolfo GUBERTI, owner of I.A.T. S.r.l. in Turin, Italy and Senior ISO 9001 Quality Engineer said:

"Before the first test implementation of KSYS 1 within our infrastructures, I didn't know what to really expect from it... I had been working in the Aerospace industry, and specifically on the ISO 9001 Standards aspects of it, since the early 70's, and never came across something similar to it.

In the beginning, I thought this was just another attempt to introduce an additional licensing and maintenance cost into our budget, I did not know anything about this new Blockchain technology or any other weird application Mickael LEVY was talking about...

But I knew two things: K Systems had always been providing my company with what was needed, at the highest quality levels AND that the Industry needed at least an attempt to make things easier for what was regarding the AS/EN 9100 Quality Standards implementation.

What I can state now, nearly 2 years after I saw and used by myself, for the first time, KSYS 1, is that we will not switch back to the old Quality and Production procedures and Management Systems!

In fact, many times in the past, we had trouble in combining – well and all together – the construction of a batch of high precision flight components, the respect of our internal policies, the machinery workload, the human resources assignment, the traceability of the parts and many other productions and delivery aspects... All this simply means: We had difficulties complying to the AS/EN 9100 Quality Standards, in fact, these required standards are difficult to achieve even for big multinationals as all sectors of the company must know what the others are doing, how they do it and when they do it... As a result, many times we did not know where in the production chain the parts were, which milling machine was busy and with what, what the latest revision of a document or drawing was, where the dimensional control reports were stored, who was working on what, etcetera etcetera... Oftenly, we had delays delivering the components and/or the parts were returned to us as they did not fully comply to the ISO 9001 standards.

Today, with K SYS 1, I just scan a QR code on my screen or on a label and I know everything about that work order, that part, even where the material to build it originally came from, at what price, how much of it is left... Everything! We just deliver on time (or even earlier), the parts don't come back anymore... Actually, the only things that came back from our customers since the K SYS 1 implementation, were compliments and commendations!"

K SYS 1 can operate on private blockchains and private IPFS clusters of nodes.

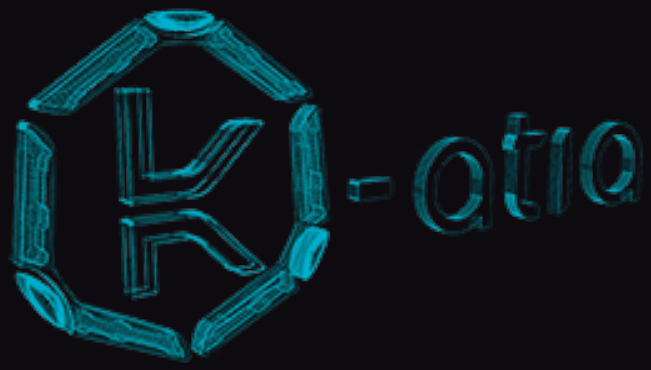
K SYS 1 is based upon:

- *The ETHEREUM blockchain*
- *ETHEREUM Smart Contracts*
- *The «Inter Planetary File System» (IPFS)*
- *An enormous amount of experience in the IT security business and the Aero Spatial, Automotive and EN 9001 quality, design and production fields.*

Every implementation of KSYS 1 is custom tailored, as every company has different internal administrative and production policies and procedures.

K SYS 1 will keep its developing open, K Systems LTD will teach students from all around the World (that will benefit of KSYS Token bounties for their work), how to further improve this set of dApps. We will also hold AS/EN 9100 specific courses within our K-AMPUS Project (see below)!

2. We are addressing the CAD/CAM/CAE issues with a revolutionary solution, K-ATIA: The First Decentralized, Parametric, IPFS and Blockchain Powered 3D CAD/CAM/CAE Software Suite



It represents the greatest innovation attempt in the CAD/CAM/CAE Software and High Precision Manufactory industries since the 1977's Dassault Systemes CATIA V1 launch, which was initially developed for use in designing the Dassault Mirage fighter jet.

Thanks to the Blockchain Technology, the Inter Planetary File System (IPFS) and with the help of our K Systems Supercomputers Series and the K Systems KSYS ERC20 Token, it will address some key issues which haven't been solved (...On purpose?) so far and will become an official module of our KSYS 1 AS/EN 9100 Compliant Quality Management System at the end of 2019.

K-ATIA Vs. The Major CAD/CAM/CAE Suites

At present, 3DS CATIA occupies about 70% of the world market of automated systems design and technological preparation for production in the aerospace industry and more than 45% in the automotive industry. Among the large users of the system are such companies as Boeing, Airbus, Renault, Mercedes-Benz, BMW, Volvo, Peugeot, Ferrari, Lamborghini, Volkswagen, Motorola and many others. Nevertheless...

...Industrial Designers and Manufacturing Industries from all around the world meet several issues in connection with the CAD/CAM/CAE Software Suites available on the market today.

How will K Systems K-ATIA address those (and several other) issues?

The answer lays in Blockchain Technology, the Inter Planetary File System (IPFS), the KSYS ERC20 Token, the K Systems Supercomputers Series.and the K-AMPUS (K Systems – Autonomous and Multicampus Public University Structures).

- *Licensing costs: An unlimited K-ATIA license will cost about 25000 KSYS Tokens, early investors will have a free K-ATIA license per investment transaction during ICO! (K-ATIA licenses never expire and will only be purchasable with KSYS Tokens).*

- *Target ID based licensing: K-ATIA will live on a Clustered ETHEREUM based Blockchain EVM and can run virtually on any machine. This particular Blockchain will have its own genesis block and ACLs.*

- *Release specific CAD model or CAD part "pollution": With K-ATIA this will not be possible anymore. In fact, every single step of the design of a model or part will be stored on the Blockchain as a unique transaction*

(K-ATIA Database Population) and every single file will be stored on the main network running multiple IPFS nodes (K-ATIA Storage Engine). Everyone on the K-ATIA network will always be using the same release as the whole network will always be updated dynamically.

- *Certified and extremely expensive CAD/CAM work stations: K-ATIA can run on any hardware as it is "borrowing" processing power from the EVM, but the K Systems CAD Supercomputer Stations are designed to enable K-ATIA modelling and storing of files even if they are not directly connected to the main K-ATIA-EVM, by having the capability to process and render huge amounts of data thanks to their state of the art hardware consisting in ECC-DDR5 RAM (up to 2 Terabytes), large Samsung SSD disks, multiple Intel XEON processors and AMD GDDR5 RAM GPUs. Thanks to these machines, locally running GETH and IPFS DAEMON among other specific services, users will be able to run K-ATIA anywhere, on top of an isolated mountain, miles under the sea level, on an orbital station (...or even on Mars) The K Systems Supercomputers will only be purchasable with KSYS Tokens as of June, 30, 2018.*

- *Extremely high educational and training costs: We will develop a new way to learn our K-ATIA software. Actually, we will also develop K-ATIA in a new way: Modules will be produced as bounties, meaning that devs around the world will earn KSYS Tokens by submitting to us the required work. The KSYS Tokens used to reward the devs will come from the K-ATIA licensing purchases. Also, online eBooks and video tutorials will be purchasable for a symbolic amount of KSYS Tokens, and the K-AMPUS (K Systems – Autonomous and Multicampus Public University Structures) Project will be the core of the K-ATIA learning program. Participation to the K-AMPUS courses and K-Certifications will be possible only for KSYS Token holders, whether remotely from their homes or in one of the 3 planned physical structures that will be located in Lviv, Ukraine, Airole in Italy and Amsterdam in The Netherlands.*

You will find all the required info about K-ATIA licensing and K-AMPUS in our KSYS Shop.

The KSYS Shop will open officially during Q4, 2018.

3. K-AMPUS: K Systems – Autonomous and Multicampus Public University Structures

During Q4 2018, we will implement a set of Bounties. We will need those "technical bounties" to help our Team further develop K SYS 1 and K-ATIA. In a second phase (Q3 2019), we will invest about 20% of our funds to prepare 3 physical facilities:

- *The Yellow K-AMPUS, in Lviv, Ukraine*
- *The Green K-AMPUS, in Airole, Italy*
- *The Orange K-AMPUS, in Amsterdam, The Netherlands*

The K-AMPUS facilities will be accessible to anyone. Fees will be low, and only payable with KSYS Tokens.

Students, whether at our facilities or online, will be able to pick one or more of the following K Systems Certification Programs:

- *K SYS 1 Certified Developer: Participants will first learn or improve their knowledge about Solidity, Node. JS, Python, GO, Ethereum EVM, Blockchain Technology and IPFS, and, later, will develop their own dApps, which may become new K SYS 1 modules.*

- *K SYS 1 Certified AS/EN 9100 Expert: Students will receive a basic K SYS 1 programming training and will then move to a Virtual High Precision Production Environment, in which they will be trained to use K SYS 1 in the virtual production and delivery of AS/EN 9100 Compliant High Precision Aerospace and Automotive Components.*

- *K-ATIA Certified Developer: Applicants will learn how to develop K-ATIA modules, they will receive an in depth training covering Solidity, Node.JS, Python, GO, Ethereum EVM, Blockchain Technology, IPFS and OpenGL.*

- *K-ATIA Certified Designer: Trainees will learn how to produce Three Dimensional Parametric Models using K-ATIA. As we hope, K-ATIA will become more and more popular among Industrial Designers around the World. As a result, K-ATIA Certified Designers will be increasingly in demand.*

- *K Systems Hardware Certified Hardware Engineer: Participants will learn how to assemble K Systems Supercomputers, they will get acquainted with their components, install various OS's and advanced applications on them and troubleshoot various issues.*

- *K Systems Certified Security Expert: Applicants will receive an in depth training regarding Ethereum Solidity Security Best Practices and will pen-test several Smart Contracts. At the end of this learning path, participants will code their own Smart Contracts, which will be audited by our internal security experts.*

Educational literature, online lessons, video tutorials, courses at our physical facilities, exams (online or on site) and K Systems Certification Programs will be ONLY PAYABLE USING KSYS TOKENS.

The K Systems Supercomputers Series

Incredible Computational Power For CAD and Gaming Unleashed

The K Systems Supercomputers Series are a set of amazing machines, built with the purpose to run extremely heavy CAD/CAM applications and the latest computer games. The initial production began in Q4, 2015, with the “Panther K7” serie (UPC 0665760123323).

Those Supercomputers have been used, since then, by large Aerospace and Automotive engineering design companies such as Opac Group to produce the latest Lamborghini prototypes.

In fact, the computational power of the K Systems Panther K7-VL (Dual Intel XEON E5-2630 V4 CPUs, 512 Gbs ECC RAM), made it possible to develop a whole car (including every tiny component of it), on a single K Systems machine, load the entire CAD 3D model on it and run Digital Mock Up analysis, seamlessly.

The main difference between the CAD Super Stations and the Gaming Supercomputers lays in the GPUs: NVIDIA Quadro for the former, AMD Radeon for the latter.

The early adopters, and any CAD designer that use our Supercomputers, are amazed by their power and just cannot switch back to their previous CAD stations!

Be careful for imitations, in fact, the K Systems Supercomputer Series have only these UPC codes:

665760123323, 665760123330, 665760123347, 665760123354 and 665760123361.

What are the specs, the costs and where can I purchase a K Systems Supercomputer?

Beginning in Q4, 2018, the K Systems Supercomputers will be PURCHASABLE WITH KSYS TOKENS ONLY.

You will find all the specifications and the costs on our Shopping Planet in the K Systems Galaxy, but a typical setup of the K7 series looks like this:

- *Motherboard:* *Asus Z10PE-D16 WS*
- *CPUs:* *2 x Intel Xeon-E5-2630-v4@220GHz*
- *RAM:* *1 TB (LINUX VERSION), 512 GB (WINDOWS 10 VERSION), 192 GB (WINDOWS 7 VERSION) of ECC Kingston RAM, DDR4, 2133 MHz, ECC Reg CL15 DIMMs, 288-pin*
- *HDs:* *2 x Samsung MZ-75E1T0B/EU SSD 850 EVO, 1 TB, 2.5" , SATA III, mirrored (Operating System), 1 x Western Digital WD Red HDD & TB, SATA III, 6000 Mb/s, 5400 RPM, 64 MB, 3.50 (Local Data Storage)*
- *GPUs:* *4 x (2 x Video Card) on SAPPHIRE NITRO Radeon™ R9 390 8G GDDR 5 with back plate*
- *Main Power Supply Unit:* *Corsair RM1000 CP-9020062-EU, fully modular, 80 Plus Gold Certified, 1000 WATTS, Digital*
- **Air Cooling Systems:* *2 x Noctua NH-U9DX i4*
- **Liquid Cooling Systems (more space consuming, needs small case modifications):* *2 x Corsair Hydro H60 All-in-One Liquid CPU Cooler OR 2 x Enermax Liqmax II 120 (ELC-LMR120S-BS)*
- *Additional NIC:* *StarTech PCIe x4 10Gb SFP+ NIC Gigabit Ethernet*
- *Case:* *Aerocool XPredator BR Full-Tower*

Security Audit and Testing for Smart Contracts

At K Systems LTD we have a very long experience with Pen Testing. Our CEO has been a Security Expert since 2000, and for us security is an essential part of our business. We brought our experience to the Crypto World and adapted our policies and techniques to the Solidity programming language.

How does it work?

You submit us your Solidity Smart Contracts, and we run an in-depth analysis and security risks assessment on them. The cost of this service is 4000 KSYS Tokens per contract.

We use, among many other tools, Mythril (from ConsenSys).

We are preparing a cool UI in our KSYS Shop where you will be able to upload your code and pay for the services.

Solidity Smart Contracts Programming

We setup and deploy your Solidity Smart Contracts within a few hours from your order, and you get to populate a planet with your project details in our Galaxy, the most advanced showroom available for startups today!

The price? Only 12000 KSYS Tokens all inclusive!

How did we achieve that?

We used the Token Market Smart Contracts and our skills to develop an Open Zeppelin secured, state of the art, Solidity Coding Wizard. It helps up speeding up the coding and debugging of your Smart Contracts. We give you the source code so that you can easily verify it and publish it on Etherscan, but we do not stop here...

You also get:

- *One Planet in the K Galaxy, the finest showroom in the Crypto Universe.*
- *A subdomain @ ksystems.io, our Corporate Domain. That means an amazing visibility in our constantly growing Community.*
- *FREE 12/7 dedicated customer support service. You can have a 24/7 customer support service for as little as 7000 KSYS Tokens a month.*

You will find all the required infos about this service in our KSYS Shop.

The KSYS Shop will open officially during Q4, 2018.

The KSYS ERC20 Token

What is the KSYS Token?

The KSYS Token is the K Systems LTD Token. It is the base of the K-Economy model. What is this model?

That is very simple...

The ERC20 KSYS Token is the only currency we accept- All of the K Systems LTD products and services are only purchasable with KSYS Tokens. The total supply will not be increased and KSYS Token holders will keep their coins as they have a real value within our ever growing K-Economy Model, and, as we all know, if “Holders HODL, the value increases”, making it interesting for everyone to adopt the KSYS Token as their Favorite Crypto Currency!

Distribution and ICO

The KSYS Token PreICO will start on June 30th, 2018, at midnight GMT +2 time and will end on August 15th, 2018, at midnight GMT +2 time.

The PreICO phase has not a really defined Soft and Hard Cap. It is merely used to test the Smart Contracts, define the ICO’s marketing targets, implementing a first KSYS Token circulating supply, submit the KSYS Token to public centralized and decentralized exchanges, get the World to know about K Systems LTD and let the team choose the most effective procedures and tools to be used during the actual ICO.

The KSYS Token ICO will develop in three tiers, he first 2 lasting 1 month and the 3rd one lasting 3 months. Only 40.000.000 KSYS Tokens will be issued.

32.000.000 KSYS Tokens will be distributed during PreICO and ICO stages. Unsold KSYS Tokens will be stored in our KSYS development fund.

The KSYS Token ICO will develop as following:

- KSYS ICO Tier 1

The KSYS Token ICO Tier 1 will start on August 15th, 2018, at midnight GMT +2 time and will end on September 15th, 2018, at midnight GMT +2 time.

12,200,000 KSYS Tokens will be minted for that purpose, being the KSYS Token price set to 5750 Tokens for 1 ETH (15% Bonus).

- KSYS ICO Tier 2

The KSYS Token ICO Tier 2 will start on September 15th, 2018, at midnight GMT +2 time and will end on October 15th, 2018, at midnight GMT +2 time.

12,800,000 KSYS Tokens will be minted for that purpose, being the KSYS Token price set to 5500 Tokens for 1 ETH (10% Bonus).

- KSYS ICO Tier 3

The KSYS Token ICO Tier 3 will start on October 15th, 2018, at midnight GMT +2 time and will end on December 31st, 2018, at midnight GMT +2 time.

13,200,000 KSYS Tokens will be minted for that purpose, being the KSYS Token price set to 5250 Tokens for 1 ETH (5% Bonus).

The total soft Cap for the Token Sale (PreICO + all Tiers) is set to 1000 ETH, the hard Cap remains hidden until we reach 70% (700 ETH) of the Soft Cap.

70% of the KSYS Tokens (28,000,000) will be sold during PreICO and ICO Tiers.

10% of KSYS Tokens (4,000,000) are kept as a Capital Reserve.

10% of KSYS Tokens (4,000,000) will be spent on bounty campaign.

5% of KSYS Tokens (2,000,000) are reserved for the company founders.

5% of KSYS Tokens (2,000,000) are reserved for team members and advisors.

Distribution of KSYS Tokens will be immediate. Investors will be able to withdraw the purchased KSYS Tokens on an any ERC-20 compatible Ethereum wallet.

KSYS Tokens will be movable as of December, 31st, 2018.

The KSYS Token will be listed on centralized and decentralized exchanges as of October 2018.

Roadmap

Since 2013, K Systems has been involved in high-level projects within the Aerospatial and Automotive industries.

The ETHEREUM Blockchain and IPFS have given us a boost, and since the end of 2015 the ETHEREUM EVM is at the core of our dApps.

We will use the funds raised with our ICO to further develop our amazing products and to hire new talents from all over the World.

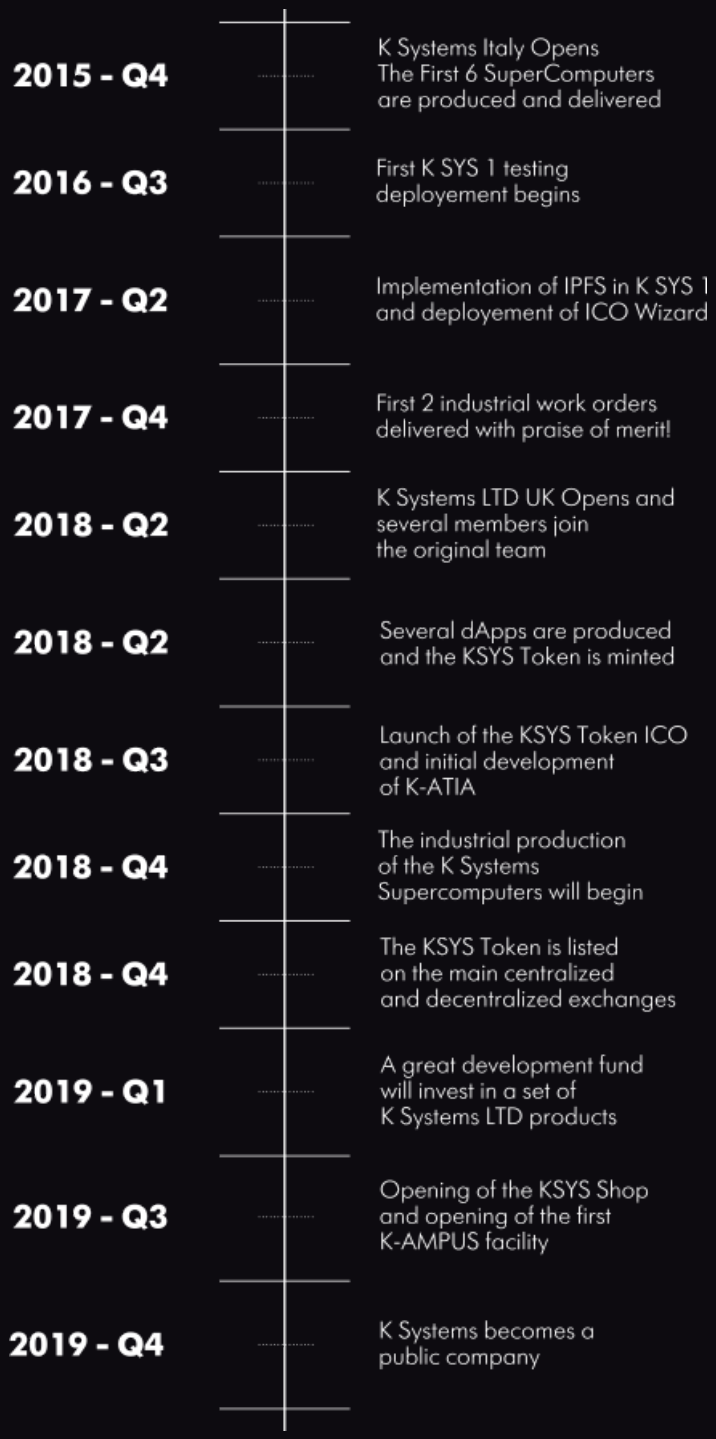
So far, we have met all of our milestones, and we intend to keep on doing the same.

2019 will be a very special year for K Systems LTD, as our final aim is that of becoming a Public Company. The KSYS Token and our K-Economy model, as well as the support of the ICO investors, will drive us there!

Don’t miss the opportunity to become part of the revolutionary movement that is truly willing to change the World.

Join our KSYS Token sale as of July, 29th, 2018, and smile, as you came in early!

This timeline details our funding and development goals:



Conclusion

The K SYS dApps are meant to become the future standard for quality and production management within the Aero Spatial and Automotive industries.

The K Systems products are already changing the way high precision components for planes, cars or even satellite modules are conceived and built and our Supercomputers are helping industrial designers producing amazing prototypes since 2015.

K Systems LTD ICO setup for startup companies is very functional and the K Systems Galaxy is a state of the art platform. As of writing, many companies already manifested the intention to use our services to launch their projects.

The KSYS Shop is a revolutionary platform and will boost the KSYS Token value, as it will be the only accepted currency!

The KSYS Token is a way to invest in the future of Industry and Humanity, unlike other ERC20 Tokens, KSYS represents an actual value as K Systems LTD dApps and services are already producing economic benefits since 2013.