

VoxelX

Medical DICOM-Platform

WHITE PAPER

Important notice

This notice is intended to address all readers who view or access it on any communication channel or platform. This document and the information and material presented below is strictly for information purposes only. Under no circumstances shall any part of this Whitepaper be relied upon or treated as an offer of securities or an invitation to participate in any regulated investment scheme, howsoever defined in any jurisdiction around the world. In addition, none of the information contained herein is intended to form the basis of any advice or inducement to engage in any sort of investment activity.

Whilst we have put in our best efforts to ensure this document reflects our beliefs to the fullest extent possible, please note that the VoxelX project is ongoing and is subject to change. As such, this document may be revised accordingly and the revision history is set out at the bottom of this document. Please return to our website to ensure you have access to the most updated version.

You are strongly encouraged to read the entire Whitepaper and familiarize yourself with all the information set out below.

particularly in the section entitled "Risks and Disclaimers". Please seek independent advice from your professional advisors, including lawyers, tax accountants and financial advisers if you have any uncertainty or doubt as to any of the matters presented.

Table of contents

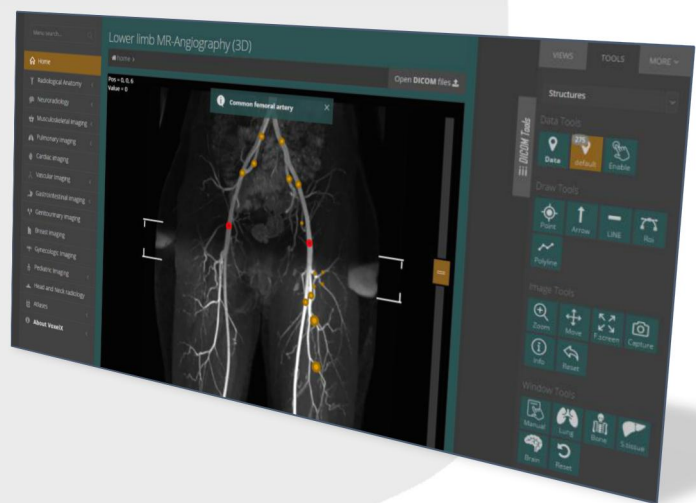
Abstract	3
The DICOM	5
Moving DICOM to the Web	5
VoxelX: The Online DICOM-Platform	6
VoxelX Tools	6
VoxelX Wallet	7
VoxelX Community	7
GRAY Token	8
Name Origin	8
Supply & Distribution	8
Token Sale	9
VoxelX Foundation	9
Early Investors and Bonuses	9
VoxelX Team and Founders	10
Publishing on VoxelX	11
Steps of Publishing	11
.....	11
Stages of VoxelX Maturity	12
Proposed use of proceeds	13
Roadmap	14
Our Team	16
Risks and disclaimers	18
Revision history	24

Abstract

Multidisciplinary learning is one of the most challenging tasks in medical education, on both the graduate and postgraduate levels. And as the volume of information in medical sciences grows rapidly, the demands on on this type of learning are getting bigger.

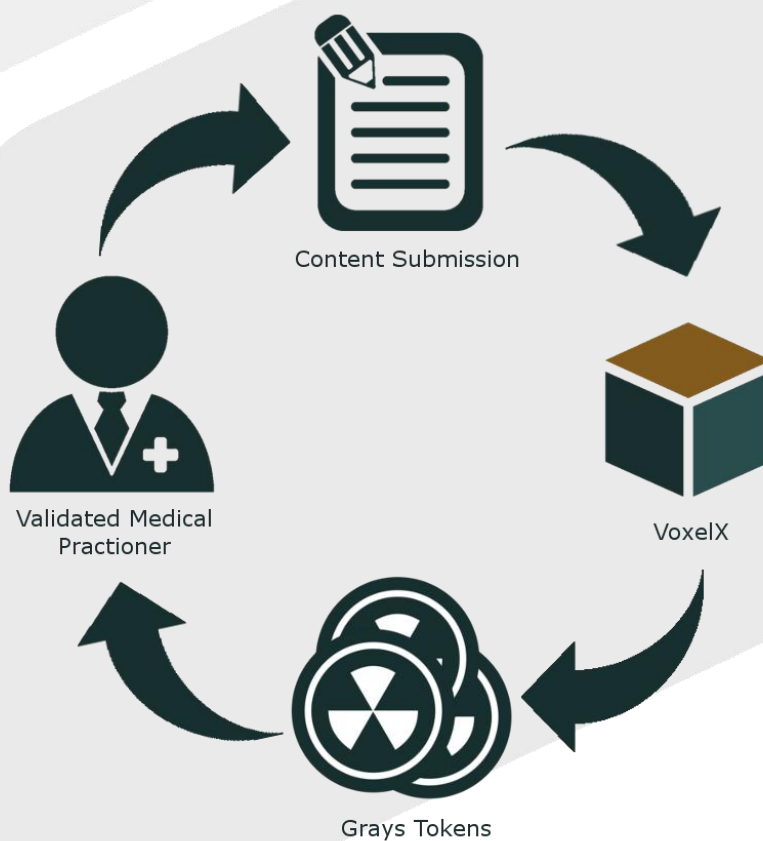
VoxelX's mission is to revolutionize the multidisciplinary learning by creating an online DICOM-platform to simulate medical learning. VoxelX's team is one of the few that is working since 2013 in implementing DICOM-images in medical e-learning specially in radiology field. Our beta version DICOM-platform has been published online at www.voxelx.com in December 2016 at the RSNA (Radiological society of north America) annual meeting in Chicago, USA.

The content of this platform is community-based, so all members can share their pre-validated knowledge and cases either privately or publicly. And accordingly, by powering this platform with the blockchain we will be able to monetize the online content and create incentives to encourage radiologists both as publishers and validators in building and expanding the community



of the platform. With the help of Ethereum's ERC-20 tokens we were able to design rewards algorithm that pays radiologists for every single even tiny submission and update of the contents and images of the platform. VoxelX will be launching a token called GRAY and it will be used mainly to finance building the content of the DICOM-Platform.

With this state of the art DICOM-Tool we are laying the first stone for the future of multidisciplinary learning, not only in medical field but rather we are trying to open the doors of creativity in the field of e-learning.



The DICOM

DICOM (Digital Imaging and Communications in Medicine) is standard for storing and transmitting medical images enabling the integration of medical imaging devices such as scanners, servers, workstations, printers, network hardware, and picture archiving and communication systems (PACS) from multiple manufacturers. It has been widely adopted by hospitals, and is making inroads into smaller applications like dentists' and doctors' offices.

Moving DICOM to the Web

Dynamically extracting, editing and showing multidisciplinary knowledge on every anatomical structure or pathology displayed in DICOM-images was the main goal of our online web-based DICOM tool. This direct integration between different online resources and the structure on the image can efficiently reduce time and effort needed for looking up any required information. While scrolling through the DICOM images, this tool allows learners to have full access to resources in our database or other external resources with a single click or a touch on a certain structure.

VoxelX: The Online DICOM-Platform

Our DICOM-platform is built to simulate radiology learning. It is purely interactive and educative. One of its main features is the ability to annotate and link structures and pathologies in the DICOM-images directly with all possible knowledge resources on the web. Implementing the blockchain in this platform will

For teaching the user is allowed to build his own files for further use or lecturing, and this is aided by many auto recognition features like recognizing the same anatomical structure in a whole series and link it with the appropriate knowledge resource.

Other features like social networking between the users, lecture presentation mode, tablet and mobile device mode, multi-touch capability, online case discussion, quick note system, have been implemented in the Tool.

VoxelX Tools

VoxelX platform is stuffed with many tools that enables the medical learner and the radiologist to interact easily with the DICOM-Images.

Among these tools are innovative drawing tools that have made it possible to connect and link the structures and diseases on the images with all recognized knowledge resources on the web.



These drawing tools are the landmarks of VoxelX platform. There are different types, configuration and sizes of these drawing tools.



VoxelX Wallet

Every VoxelX registered user will have a wallet created and linked to their account. Unlike traditional cryptocurrency wallets on the market, the VoxelX wallet will be linked with ranking system in the Platform, the more you contribute to the platform the more you get GRAY, the better you are ranked.

VoxelX Community

The community of VoxelX is our real capital. We can divide this community according to the interest into learners, publishers and validators. All of them can interact with each other publicly or privately.

GRAY Token

GRAY coins are Ethereum's ERC-20 tokens that enabled us to design rewards algorithm that pays radiologists for every single even tiny submission and update of the contents and images of the platform.

With GRAY coins we are able to monetize the online content and create incentives to encourage radiologists both as publishers and validators in building and expanding the community of the platform.

Name Origin

The choose of the name GRAY was not arbitrary. GRAY is referred to the gray unit that is used to measure the absorbed dose of ionizing radiation, which is defined in the 1980s by the International Commission on Radiation Units and Measurements and named after the physicist Louis Harold Gray. Gray unit is widely used in the medical field as a protection tool to measure scatter radiation from devices that use radioactive waves.

Supply & Distribution

The total supply of VoxelX GRAY tokens that will ever be created is 10,000,000,000 (10 billion). The initial token amount is large in order to set a suitable price for microtransactions which occur on the platform. All GRAY tokens will be generated in a seed block and distributed as follows:



Token Sale - 45%

VoxelX Foundation - 25%

Early Investors and Bonuses - 10%

VoxelX Team and Founders - 20%

Token Sale

45% of GRAY tokens will be sold in the initial GRAY token sale. The token sale will be composed of a private pre-ICO round for strategic and early investors followed by a public offering. Tokens sold during the private and pre-ICO rounds will be discounted up to 20%.

VoxelX Foundation

25% of GRAY tokens will be held by the VoxelX Foundation. These tokens will be used to finance and encourage the community of VoxelX to build the content of the platform through a rewards algorithm using the GRAY coins.

Early Investors and Bonuses

10% of GRAY tokens will be held by early investors and bonuses for large purchases. Most of these tokens will be subject to lockup restrictions and release over time.

VoxelX Team and Founders

20% of GRAY tokens will be retained by VoxelX and reserved for founders, team members. 20% of these tokens will be available after the initial offer with 20% being unlocked every 6 months thereafter.

Publishing on VoxelX

Publishers will access all properties of VoxelX, The DICOM Platform and GRAY Tokens. They will use the Platform to upload the DICOM images, store it and categorize it. The next step is to annotate and link the structures on the images with all possible knowledge resources on the web. They can also append their own referenced prevalidated knowledge to the uploaded case in the recall section. After reviewing the publishers can publish now their cases in different circles (Private, Friends , Public). For public circle the published material need be validated from the validators team.

All mentioned steps above can be done by a single or multiple publishers. Every single step or even a single draw or annotation will be awarded with GRAY token after validation of the work. These earnings are subject to an award algorithm that will calculate the worth of every single act of the publisher.

Steps of Publishing



Stages of VoxelX Maturity

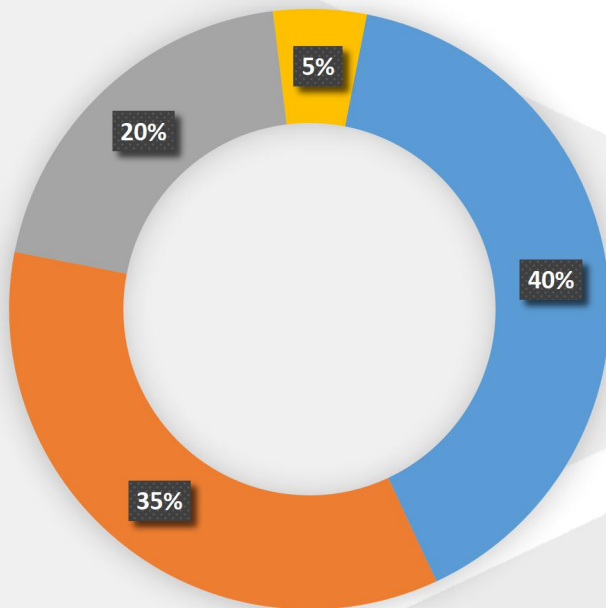
The main concepts or stages of VoxelX development from start to profit can be simply illustrated in the figure below. All these stages of development are however intercrossing at their sublevels. What is important to emphasize here is that the Blockchain has given us the bridge that will take us from development to profiting.



The blockchain provide a wide-spectrum of capabilities and these has inspired us with dozens of new ideas that we have already implemented a part of it in our Beta platform and many other are on their way of production.

With the help of Blockchain we have created an award system that encourage publishing using the GRAY coins to help building the content of the platform.

Proposed use of proceeds



Content Building

40% of proceed will be used for Financing the content building in the Platform by paying the VoxelX community with recirculating GRAY

Platform Development

35% of proceeds will be used for further improving and enhancing of the platform and for expanding the VoxelX developers team

Marketing

20% of proceeds will be used for the platform marketing and showcases in different conferences around the world

Legal and Contingency reserves

5% of proceeds will be held aside for legal issues and contingency reserves

The above allocations represent estimate only.

Roadmap





Our Team

Although we have a small team, we are highly qualified and focused on our job and on the future of the project. The members of our team have been working together since 2009 and have developed medical softwares for small practices. With the birth of the idea of VoxelX in 2013 we dedicated ourselves to the task of implementing the DICOMs in the medical e-learning.



Dr. Waleed Ajabnoor - CEO & Founder

With over 10+ years in the medical field, Waleed was additionally the founder of RiseMyWeb that has published one of the best team management tool in the market. Beside his current career in radiology field he has been working since 2013 on integrating DICOM imaging with medical e-Learning.



Mahmoud Nabhan

DICOM programmer expert with with over a decade of experience in medical imaging. After 2 years of heavy and consistent work, Mahmoud has succeeded in bringing the Viewer part of the beta-version of VoxelX platform to life. Mahmoud is presumed to lead the future Developers Team of VoxelX.



Mohammed Sharaf

Senior web-developer and server administrator with a solid background in different programming areas with good understanding of decentralized technologies. He has a lot of experience and practical expertise in smart contract development and implementation of ICO



Yousef Albishi

Beside his work as a great front-end-developer in our team, Yousef is managing and conducting transiently all marketing plans of VoxelX. Before joining the VoxelX team Yousef has worked for a long time in medical field specially medical education, which is the core of VoxelX platform philosophy.

Risks and disclaimers

By accessing the information set forth in this document or any part hereof, you represent and warrant to VoxelX that you unconditionally and irrevocably accept and agree with the following:

1. No viewing in a Restricted Territory

It may not be lawful in certain jurisdictions for individuals, or certain categories of individuals in other jurisdictions, to view this document. An individual who wishes to view this document must first satisfy himself or herself that he or she is not subject to any local requirements that prohibits or restricts him or her from doing so. In particular, unless otherwise determined by VoxelX and permitted by the applicable law and regulations, it is not intended that any offering of the tokens mentioned in this document (the "Tokens") by VoxelX should be made, or any documentation be sent, directly or indirectly, in or into, countries where participating in Initial Coin Offerings are banned due to legal restrictions, and countries sanctioned by the US or countries considered as high risk and monitored by the Financial Action Task Force ("FATF") (each, a "Restricted Territory") and nor should it be accessed by any individual who is a national citizen or resident of a Restricted Territory, including corporations, partnerships, or other entities created or organised in any such jurisdiction, unless they are exempted from the prohibition against participating in Initial Coin

Offerings. VoxelX shall not be responsible for individuals who access this document from territories whose laws prohibit such access or where any part of the document may be illegal. Such individuals do so at their own risk.

2. No Offer

This document is for information purposes only and does not constitute or form, and not intended to be, an offer or solicitation of an offer to buy or sell, subscribe for, underwrite or purchase any form of investment or securities or other financial instruments, nor shall it or any part of it form the basis of, or be relied upon, in any way in connection with any contract or investment decision relating to the same.

3. Information

All information is provided without any warranties of any kind and VoxelX, its employees, officers and/or advisors make no representations and disclaim all express and implied warranties and conditions of any kind and each of VoxelX, its employees, officers and/or professional advisors assume no responsibility or liability to you or any third party for the consequence of reliance on such information, errors or omissions in such information or any action resulting therefrom.

The information contained on this document may contain statements that are deemed to be "forward-looking statements", which are prospective in nature and are not statements of historic

facts. Some of these statements can be identified by forward-looking terms such as "aim", "target", "anticipate", "believe", "could", "estimate", "expect", "if", "intend", "may", "plan", "possible", "probable", "project", "should", "would", "will" or other similar terms. However, these terms are not exhaustive. Forward-looking statements inherently contain risks and uncertainties as they relate to events or circumstances in the future. Therefore, the information, opinions and forward-looking statements, including estimates and projections, in this document in respect of the anticipated roadmaps, development and projected terms and performance of the relevant entities, are selective and subject to updating, expansion, revision, independent verification and amendment.

VoxelX is not making any representation or warranty or undertaking, including those in relation to the truth, accuracy and completeness of any of the information set out in this paper. VoxelX also expressly disclaims any obligation or undertaking to update or revise any forward-looking statements except to the extent required by law and neither VoxelX, its employees, officers or professional advisors make any assurance, representation or guarantee that any event referred to in a forward-looking statement will actually occur. Whilst VoxelX intends to fulfil all the goals set out in this document, in case of unforeseen circumstances, the goals may change or may not be achieved without any notice to you.

4. No Advice

None of the contents of this document constitutes legal, financial, tax or other advice. You must conduct your own due diligence and ensure you comply with all local laws regarding cryptocurrency, tax, securities and other regulations in your jurisdiction. We encourage you to consult with the relevant professional advisors independently.

5. Regulatory risks

The regulatory status of cryptographic tokens, including any digital currency, digital assets and blockchain applications is unclear or unsettled in many jurisdictions. The publication and dissemination of this document do not imply that any relevant laws, regulations and rules have been complied with. No regulatory authority has examined or approved this document. Where any relevant governmental authority makes changes to existing laws, regulations and/or rules, or where financial institutions make certain commercial decisions, it may have a material adverse effect and/or impair the ability of any relevant entity referred to in the document to function as intended, or at all.

6. No Agreement

This document shall not be relied on to enter into any contract or to form basis of any investment decision. Any agreement(s) between VoxelX and you are to be governed by a separate document ("Sale Document"). In the event of any inconsistency

between this document and the Sale Document, the respective Sale Document shall prevail.

7. Advertisement and Distribution

This document is for general information purpose only and is not an advertisement, nor is it intended to be used to call for an offer on behalf of VoxelX. Distribution of this document may be restricted or prohibited by law or regulatory authority in your jurisdiction. Recipients should inform themselves of and comply with all such restrictions or prohibitions and VoxelX does not accept any liability to any person in relation thereto.

8. Other Disclaimers

There are risks involved in the technologies relating to the blockchain technology referred to herein, the Gray Tokens, and the Initial Coin Offering, such as unforeseen bugs, security issues or disruptions. By way of the above and other factors not within our control, the entire sum used to purchase the Gray Tokens may be lost.

Despite our best efforts, VoxelX may not be able to execute or implement its goals, business strategies and plans.

There may be changes in political, social, economic and stock or cryptocurrency market conditions and/or that there is no or little acceptance/adoption of the relevant Blockchain system and/or

Gray Tokens, such that the relevant Blockchain system and/or the Gray Tokens become no longer commercially viable.

To the fullest extent possible, VoxelX shall not be liable for any responsibility, liability, claims, demands and/or damages (actual and consequential) of every kind and nature, known and unknown (including, but not limited to, claims of negligence), arising out of or related to any acceptance or reliance on the information set forth in this document by you.

Where references have been made to third-party websites or sources of information, we may not have sought further verification as to the accuracy, completeness, or timeliness of the information referred to therein, and no warranties whatsoever are made as to the same.

The disclaimers set out above are not exhaustive.

Revision history

March 25, 2018 - v1.0

March 31, 2018 - v1.1

April 2, 2018 - v1.2

April 9, 2018 - v1.3

April 11, 2018 - v1.4