



digref<sup>®</sup>

## DigRef Project

The Six Degrees of Separation concept (aka Six Handshakes Rule) is known to many. It is based on the idea that all people can be connected with each other through six or fewer sequential introductions. Although some social experiments proved that more than six steps could sometimes be required to reach the desired person, the idea of finding someone with the help of an introduction or referral is very beneficial. It can be used anywhere from hiring employees to attracting new clients. It can even be used when searching for something rather than someone; such as a place or an item. Referrals work everywhere.

But how can you trace all referrals that lead to the right person? How do you reward all referrers who participated in a successful search? How do you provide a universal reward that works for anyone, regardless of their jurisdiction or currency used?

The DigRef Project provides an innovative approach to finding something or someone through the chain of DIGREF referrals with the possibility to reward everyone involved with the digital coin DTNX on its Platform that utilizes Blockchain technology.

The Platform is implementable in every field. It has global applications and a tremendous potential to become the cross-border ecosystem of rewarded referrals. The Platform can be used to find performers of specific tasks, clients, services, goods, places, and pretty much anything based on personal recommendations and referrals, which can be rewarded with the digital appreciation coin DTNX.

## **Solutions Offered by the Platform**

The Platform provides the following solutions:

- 1) The opportunity to find someone or something through referrals
  - Increased reach through multiple levels of referrals
  - Use of connections of others to scale networking
  - Private or public search
- 2) The possibility to keep track of all people whose referrals led to successful results
  - Selection of the maximum number of referrers in the chain
  - Tracking of all participants in a particular referral chain
  - Creation of multiple referral chains
- 3) The ability to digitally reward everyone involved in the successful search
  - Provision of the reward to everyone in the successful referral chain
  - Universal reward regardless of fiat currency being used by anyone
  - Different reward algorithms

## **Important elements of the Platform**

- Digital system of finding someone or something
- Ability to track the entire chain of referrals
- Universal DTNX reward for all participants of the successful referral chain
- Blockchain technology
- Possibility to use the received rewards on the Platform
- Opportunity to develop and offer others various technical solutions and improvements for the Platform

## How it Works in a Nutshell

Any user of the Platform ("User") who is searching for someone or something ("Requester") can create a request ("Request") on the Platform and allocate a desired amount in acceptable by the Platform currencies to the reward ("Reward"), which will be distributed in a form of DTNX coins to the entire chain of persons ("Finders"), whose referrals led to the successful results.

## Platform operation

The DigRef Project is owned by the group, which may be directly involved in the operation, management, marketing, development, and technical support of the Platform or may contract designated third parties, including but not limited to the Partners, to perform such functions fully or partially.

The Project, Developers, or designated third parties may offer additional services and features, which would further the development and usability of the Platform.

## DTNX

DTNX is the official coin of the DigRef Project. It serves as an internal digital currency to be used on the Platform for various purposes according to the rules set forth by the DigRef Project and as part of the DigRef Project ecosystem.

DTNX may be earned on the Platform by the Users upon a successful completion of certain actions. All transactions between the Users on the Platform are only possible with DTNX.

DTNX cannot be purchased from the Project for investment or stalking purposes. DTNX can only be purchased for and in connection with the distribution to the other Users.

DTNX will be continuously sold by the DigRef Project or a designated third party to the Users until all DTNX are sold.

The DigRef Project reserves the right to reward its team members and designated third parties involved in the operation, management, marketing, development, and technical support of the Platform as well as the advisers and consultants of the DigRef Projects on a monthly basis with DTNX in the amount not to exceed 7% of DTNX sold to the Users in the previous month. If less than 7% is used for such reward in any month, the remaining amount can be transferred and added to the reward in the subsequent months.

## **DIGREF**

DIGREF is a unique number provided to the Users on the Platform in connection with the Request actions, such as creating, referring, and providing the sought result.

Connected DIGREFs form a chain.

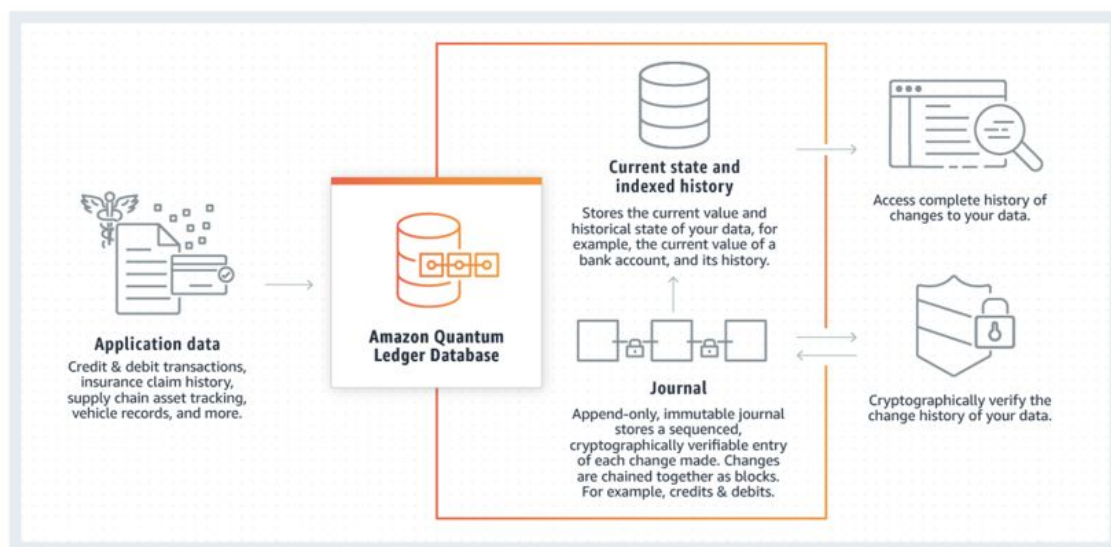
Chains, which end with a DIGREF accepted by Requester as sufficient to close the Request, are considered successful referral chains eligible for a distribution of the Reward. All other chains are not eligible for a Reward.

All DIGREF-related actions are recorded in the DigRef Project Ledger ("Ledger").

## **Ledger**

The Ledger is currently based on the Amazon Quantum Ledger Database (QLDB).

“Amazon QLDB is a fully managed ledger database that provides a transparent, immutable, and cryptographically verifiable transaction log owned by a central trusted authority. Amazon QLDB can be used to track each and every application data change and maintains a complete and verifiable history of changes over time.”<sup>1</sup>



Amazon QLDB provides the following benefits:

- Immutable and transparent
- Cryptographically verifiable
- Performant and scalable
- Serverless
- Easy to use
- Highly available
- Streaming capability <sup>2</sup>

The DigRef Project may utilize other ledgers to record transactions on the Platform in the future.

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<sup>1</sup> <https://aws.amazon.com/qldb/>

<sup>2</sup> <https://aws.amazon.com/qldb/>



All transactions involving DTNX within the Platform will be recorded in the Ledger in connection with the relevant DIGREFs.

## Request

The base model allows for the creation of public or private Requests.

A public Request is a request, which content is published on the Platform. Any person or User can review the information provided by Requester in the public Request.

A private Request is a request, which content is not published on the Platform. DIGREF for a private Request will be recorded in the Ledger but not posted on the Platform. Only persons who directly receive DIGREFs from Requestors or Finders will be able to review the content of a private Request. Due to its nature, private Request's DIGREF must be sent to Finders by Requester directly.

Every Request, regardless of whether it is public or private, will have five mandatory fields:

- Subject
- Amount of the allocated Reward
- Maximum levels of referrals
- Reward algorithm
- Deadline

The DigRef Project, Developers, or designated third parties may offer different types of Requests to Users and require mandatory completion of the additional fields.

## User Experience

### Registration and KYC

Registration on the Platform is required to perform the following actions:

- To create a Request
- To provide the sought result
- To collect earned DTNX

The mere creation of the referral DIGREFs by Finders does not require registration. However, a Finder without registration on the Platform will be required to provide their verifiable contact information at the time of DIGREF creation. This contact information must match the contact information provided by Finder at future registration on the Platform in order to claim their DIGREF, should Finder decide to collect earned DTNX assigned to such DIGREF.

In addition to providing certain information, registration on the Platform requires Users to go through the KYC procedure. The Users who are unable or unwilling to provide required information or pass the KYC procedure would be unable to register and, therefore, would be unable to perform any actions, which require registration on the Platform.

Upon registration, the User will be provided access to their own Platform account ("User Account"). The User Account will have information about the User's activity on the Platform, including but not limited to the information about the User's DTNX and DIGREFs.

Each User is allowed to create and operate only one account. One User shall not have multiple DIGREFs within one chain. Only one DIGREF, the earliest in the chain, will be allowed to User for creation or claiming. The User will lose their rights to DIGREFs (along with the assigned DTNX) created in violation of this rule.



## Balance

The User who does not have DTNX required to create a Request or perform other actions on the Platform may use the acceptable currencies to purchase DTNX from the DigRef Project or designated third parties. The DigRef Project or designated third parties may change the list of acceptable currencies at any time at their own discretion.

In order to use fiat currencies to purchase DTNX, the User will be able to wire the required amount of acceptable fiat to the bank account of the DigRef Project or a designated third party based on the invoice downloaded from their User Account. Once the wire is received and processed, the User will be able to see the transferred fiat funds in their available balance.

In order to use digital currencies to purchase DTNX, the User will be able to transfer the required amount of acceptable digital currencies to the internal digital wallets ("Internal Digital Wallets"), provided to each User in their User Account to hold the transferred digital currencies. Once the transfer is complete and confirmed on blockchain, the User will be able to see the transferred crypto funds in their available balance.

The User will also be provided with the Internal Digital Wallet to hold DTNX. The User is able to transfer DTNX to their Internal Digital Wallet from the external digital wallets located outside of the User Account. Once the transfer is complete and confirmed on the blockchain, the User will be able to see the transferred DTNX funds in their available balance.

The User's available balance will be reflected on their User Account independently for each currency held by the User.

### Request creation

Once the User has a sufficient available balance, they may be able to create a Request and allocate a desired amount of DTNX to be distributed to the other Users upon the successful closing of the Request ("Request Balance").

Once Requester creates a Request, the relevant amount of selected currency will be blocked by the Platform and will be unavailable to Requester unless Requester withdraws the Request. No Requester's funds will be transferred to ownership of the DigRef Project or designated third parties until the Request is closed by Requester or removed from the Platform. No Request can be closed during the time when the Requester's balance is less than the blocked amount.

### Engagement of Finders

The User, who wishes to assist Requester in their search, creates their own, unique, derivative DIGREF based on the Requester's DIGREF or a DIGREF of another User acting as Finder. This chain of DIGREFs is limited by the maximum number of referral levels selected by Requester at the time of Request creation. Each Finder in the referral chain led to a successful result can participate in a distribution of a Reward allocated by Requester and based on the algorithm selected by Requester at the time of Request creation.

### Closing, withdrawing, terminating or removing Request

Once Requester is satisfied with the obtained results by closing the Request, the Request Balance in currencies other than DTNX will be automatically converted by the DigRef Project or a designated third party to DTNX through sale of the required amount of DTNX to Requester at the rate indicated on the Platform at the time of conversion and immediately distributed by assignment of relevant DIGREFs in the successful referral chain. The Request Balance in DTNX will be assigned directly to the relevant DIGREFs in the successful referral chain.

The appropriate record of DTNX assigned to the relevant DIGREF will be made in the Ledger. DTNX will remain assigned to the DIGREF until the User requests a transfer of DTNX to their Internal Digital Wallet. Once DTNX are transferred to the Internal Digital Wallet, such DIGREF will show zero assigned DTNX.

The Request can be withdrawn by Requester at any time prior to its closing by Requester. In case of withdrawal, the DigRef Project or a designated third party will unblock Requester's funds that were allocated for the withdrawn Request. No Rewards will be distributed to anyone if the Request is withdrawn.

The Request will be automatically terminated due to the deadline set in the Request, if such Request does not close prior to such deadline. In case of termination, the DigRef Project or a designated third party will unblock Requester's funds that were allocated for the terminated Request. No Rewards will be distributed to anyone if the Request is terminated.

The DigRef Project or a designated third party reserves the right to remove any Request for violation of their rules. In case of removal, the DigRef Project or a designated third party will unblock Requester's funds that were allocated for the removed Request. No Rewards will be distributed to anyone if the Request is removed. The User posted a Request in violation of the Platform rules may be responsible for payment of a fine, which will be automatically deducted by the DigRef Project or a designated third party from the unblocked amount of User's funds.

#### Request of DTNX

The assigned DTNX remain connected to DIGREF and recorded in the Ledger until (a) a registered User with DIGREFs reflected in their User Account requests the earned DTNX to be transferred to their Internal Digital Wallet or (b) an unregistered User completes the registration process,

claims DIGREFs and subsequently requests to transfer earned DTNX to their Internal Digital Wallet.

Users who did not claim their DIGREFs within 1 year from a creation of such DIGREFs will lose any and all rights to DTNX assigned to such DIGREFs. DIGREFs that had not been claimed by any User within 1 year and all assigned to them DTNX can be utilized at the DigRef Project's discretion.

#### Transfer of DTNX to the external digital wallet

Any User with DTNX in the Internal Digital Wallet can make a request in their User Account to transfer any amount of the available to such User DTNX to any external digital wallet. The blocked DTNX cannot be transferred.

#### Request of refund

The User may request a refund ("Refund") of the still available to User funds in a particular currency (other than DTNX), which was previously transferred by User to the DigRef Project or a designated third party. The funds, which are spent by User on Rewards and other services, blocked by the Platform as part of an open Request, or deducted by the Platform as fees and fines, cannot be refunded to User. A refund will be made only to the same external digital wallet or bank account which such currencies were received and only upon successful verification. The DigRef Project or designated third parties will not be able to provide a refund to any other external digital wallets or bank accounts, even if the User is able to verify that such external digital wallet or bank account belongs to the same User.

## **Activity Index and User Status**

The Activity Index is used as a reputation mechanism, which allows Users to achieve higher Statuses overtime. Each Status gives new benefits to the Users.

The Activity Index consists of two parts: TH (Time-based Hold coefficient) and UA (Useful Activity coefficient).

- TH stimulates the Users to use and keep DTNX on the Platform.
- UA stimulates the Users to create new Requests and be active on the Platform.
- The Activity Index of the User is a weighted sum of two coefficients.
- The User's Activity Index is ranked against other Activity Indexes in the system into  $n$ .
- The number of Statuses is dynamic and may depend on the number of Users, total activity on the Platform, etc.

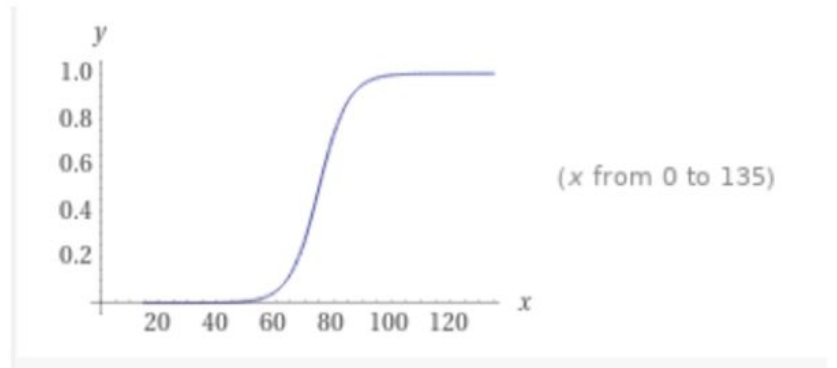
$$AI_i = w_{TH}TH_i + w_{UA}UA_i$$

$$Status_i = I(AI_i, n)$$

#### Time-based Hold coefficient

$$TH_i = \sum_{k \in R_i} P_k * \tau_k$$

$$\tau_k = \frac{1}{1 + e^{-\frac{t_k}{5} + 10}}$$



TH is a time coefficient of user  $i$ .

- 1)  $P_k$  is the number of DTNX collected as a Reward from the Request  $k$ .
- 2)  $\tau_k$  is the time coefficient of the Request  $k$ .
- 3)  $R_i$  is the number of all closed Requests by User  $i$ .
- 4)  $t_k$  is the number of days passed since the Request was closed



The coefficient is ~0 if DTNX are transferred to the external digital wallets earlier than 50 days from the day of earning.

### Useful Activity coefficient

Any useful activity on the platform affects this coefficient (e.g. creation of a Request, closing a Request, etc.). The UA is a weighted sum of values of actions of all useful categories.

$$UA_i = \sum_{\substack{j \in C \\ j \in C}} w_j * \sum_{\substack{a \in A_i^j \\ a \in A_i^j}} Value(a)$$

- 1)  $C$  is the category of useful actions. The DigRef Project or a designated third party decides which actions should be included or excluded. The number of categories might be expanded in the future.
- 2)  $w_j$  is the weight of the category. For example, closing a Request may weigh more than creating a Request.
- 3)  $Value(a)$  is a universal value of the action.
- 4)  $A_i^j$  are all actions of user  $i$  in a category  $j$

## Developers

The DigRef Projects supports collaboration and community involvement into the further development of the Platform.

The DigRef Project provides an opportunity to developers (“Developers”) to create technical solutions, such as the additional features, improved models, applications, etc., to be utilized by the Users on the Platform. Such technical solutions may require DigRef Project’s approval.

## Partners

The DigRef Project is offering partnerships to businesses and individuals who can promote the Platform, attract new Users to the Platform, utilize the Platform's technological concept for their own business, and facilitate the development and usability of the Platform worldwide ("Partners").

The terms of partnership may vary and will be customized for each Partner based on the agreement between the DigRef Project and each Partner.

## Marketplace

As part of the DigRef Project ecosystem, the Users are also able to spend and earn DTNX in the DigRef Project's Marketplace ("Marketplace"). The goods and services ("Items") offered in the Marketplace may vary. All Items offered in the Marketplace can be offered only for DTNX.

The DigRef Project invites Developers, Partners, sellers of goods, and service providers to offer their Items in the Marketplace for DTNX.

## Additional and Other services

With a future development of the Platform, the Users may have an opportunity to use additional and other services provided by the DigRef Project, Developers, designated third parties, or other Users in exchange for DTNX.

## Fees and fines

Certain transactions on the Platform may require payment of the Blockchain fee, bank fee, and Platform fee. Some Platform fees may vary depending on the User's Status. The Users may be penalized for violation of the Platform rules by fines. Users are required to pay all fees and fines. All fees and fines will be deducted by the Platform from the Users' funds.

## Risks

Use of Blockchain technology involves a high degree of risk, including but not limited to the risks described below. Before registering on the Platform, it is recommended that each participant carefully weighs all information and risks detailed in this document, and, specifically, the following risk factors:

### Dependence on computer infrastructure

The DigRef Project's dependence on functioning blockchain technology, software applications, computer hardware, and the Internet implies that the DigRef Project or a designated third party operating the Platform can offer no assurances that a system failure would not adversely affect the use of the Platform and DTNX. Despite the DigRef Project's or a designated third party's implementation of all reasonable network security measures, its processing center servers are vulnerable to computer viruses, physical or electronic intrusions, or other disruptions of a similar nature. Computer viruses, intrusions, or other disruptions caused by the external sources may result in interruption, delay, or suspension of services, which would limit the use of the Platform and DTNX.

### Smart contract limitations

Smart contract technology is still in its early stages of development, and its application is of experimental nature. This may carry significant operational, technological, regulatory,

reputational, and financial risks. Consequently, the DigRef Project cannot provide any form of warranty, including any expressed or implied warranty, that the DigRef Project's smart contract is fit for purpose or that it contains no flaws, vulnerabilities, or issues which could cause technical problems or the complete loss of DTNX.

#### Use of third-party technology

Failure of the Amazon Quantum Ledger Database (QLDB) or any other third-party technical solutions used by the DigRef Project or a designated third party can cause disruption of services and significant damages to the DigRef Project and Users, including but not limited to loss of all data, transferred currencies and earned DTNX.

#### Regulatory risks

The Blockchain technology, including but not limited to the issue of coins or tokens, may be a new concept in some jurisdictions, which may then apply existing regulations or introduce new regulations regarding Blockchain technology-based applications, and such regulations may conflict with the current DigRef Project's smart contract setup and DTNX concept. This may result in substantial modifications of the DigRef Project's smart contract, including but not limited to its termination and the loss of DTNX as well as a suspension or termination of all DTNX functions.

#### Taxes

The Users may be required to pay taxes associated with the transactions involving DTNX. It will be a sole responsibility of the Users to comply with the tax laws of the relevant jurisdictions and pay all required taxes.

#### Force Majeure

The DigRef Project's or designated third parties' operations may be interrupted, suspended or delayed due to force majeure circumstances. For the purposes of this document, force majeure shall mean extraordinary events and circumstances which could not be prevented by the DigRef Project or a designated third party and shall include: acts of nature, wars, armed conflicts, mass

civil disorders, industrial actions, epidemics, lockouts, slowdowns, prolonged shortages, or other failures of energy supplies or communication service, acts of municipal, state, or federal governmental agencies, and other circumstances beyond the DigRef Project's or a designated third party's control.

#### Disclosure of information

Personal information received from the Users, information about the number of DTNX owned, the wallet addresses used, and any other relevant information may be disclosed to law enforcement, government officials, and other third parties when the DigRef Project or a designated third party is required to disclose such information by law, subpoena, or court order.

#### Value of DTNX

DTNX is a digital appreciation coin. The value of DTNX may significantly fluctuate due to various reasons. The DigRef Project or designated third parties do not guarantee any specific value of DTNX over any specific period of time. The DigRef Project or a designated third party shall not be held responsible for any change in the value of DTNX.

Please note that the DigRef Project, including but not limited to the Platform and DTNX, may be subject to other risks not foreseen by its team at this time.

## **Disclaimers**

Assumptions with respect to the foregoing involve, among other things, judgments about the future economic, competitive and market conditions and business decisions, most of which are beyond the control of the DigRef Project and, therefore, difficult or impossible to accurately predict. Although the DigRef's Project believes that its assumptions underlying its forward-looking statements are reasonable, any of these may prove to be inaccurate. As a result, the DigRef Project can offer no assurances that the forward-looking statements contained in this document will prove to be accurate. In light of the significant uncertainties inherent in the forward-looking statements contained herein, the inclusion of such information may not be



interpreted as a warranty or guarantee of any kind on the part of the DigRef Project or any other entity that the objectives and plans of the DigRef Project will be successfully achieved.

The purpose of this document is to present the DigRef Project and DTNX to the public. The information provided in this document may not be exhaustive and does not imply any elements of a contractual relationship. Its sole purpose is to provide relevant and reasonable information to the potential Users, Developers, Partners and other interested parties in connection with the proposed use of the DigRef Platform and DTNX.

Nothing in this document shall be deemed to constitute a prospectus of any sort or a solicitation for investment, nor does it in any way pertain to an offering or a solicitation of an offer to buy any securities in any jurisdiction. This document is not composed in accordance with, and is not subject to, laws or regulations of any jurisdiction, which are designed to protect investors.

The DigRef Project provides the opportunity through its Platform to anyone to find someone or something. To achieve successful search results, Users must take action and collaborate with each other. The Platform itself does not connect Users or make referrals. In order for a successful search, at least two Users must be engaged in the chain.

No employment relationships are created between any Users by virtue of using the Platform. All Finders are considered independent contractors and are neither employees of Requesters nor the DigRef Project, nor a designated third party. Each party acts on its own behalf and is solely responsible to pay its own taxes in connection with the receipt of DTNX.

DTNX has a utility nature. It cannot be purchased on the Platform for investment purposes. Purchase of DTNX is only possible for the purpose of and in connection with the distribution of DTNX to the other Users of the Platform. DTNX is not a security or any other kind of financial instrument and has not been registered under the Securities Act, the securities laws of any state

of the United States or the securities laws of any other country, including the securities laws of any jurisdiction in which a potential DTNX holder is a resident.

DTNX can be earned as a reward by Users for providing a successful resolution to Requests created on the Platform by Requesters. Requesters independently, and at their own discretion, set up the amount of Reward and decide whether the provided resolution is satisfactory to issue a Reward to other Users. The Platform has no control over Requesters' decisions. Any and all Rewards paid by Requesters to Finders are the appreciation of Finders' assistance with successfully resolving the Request and are voluntary in nature. Requester is not obligated and cannot be forced by the DigRef Project or a designated third party to pay the earned Reward. It is the sole responsibility of Finder to resolve any issues with Requester in connection with the Reward payment.

DTNX cannot be used for any purposes other than as provided in this document, including but not limited to, any investment, speculative or other financial purposes.

DTNX is not intended to be sold or used in any jurisdiction where sale or use of digital coins or tokens may be prohibited.

DTNX confers no rights in any form, including but not limited to any ownership, distribution (including but not limited to profit), redemption, liquidation, proprietary (including but not limited to all forms of intellectual property), or other financial or legal rights, other than those specifically described in this document.

Certain statements, estimates and financial information contained in this document constitute forward-looking statements or information. Such forward-looking statements or information involve known and unknown risks and uncertainties, which may cause actual events or results to differ materially from the estimates or the results implied or expressed in such forward-looking statements.

This English language document is the primary official source of information about the DigRef Project, Platform and DTNX. The information contained herein may from time to time be translated into other languages or used in the course of written or verbal communications with existing and prospective Users, Developers, Partners, etc. In the course of such translation or communication some of the information contained herein may be lost, corrupted, or misrepresented. The accuracy of such alternative communications cannot be guaranteed. In the event of any conflicts or inconsistencies between such translations and communications and this official English language document, the provisions of this English language original document shall prevail.

This document may change from time to time in order to reflect the most current information regarding the DigRef Project, Platform and DTNX. The latest version will be posted on the official website of the DigRef Project.