Ending document fraud with blockchain powered validation

Whitepaper v 1.27 March 2019
Disclaimer

IMPORTANT NOTICE

PLEASE READ THIS ENTIRE SECTION AND DO NOT TAKE ANY ACTIONS UNTIL YOU FINISH IT. THE V-ID CROWD SALE IS CONSIDERED TO BE A REWARD BASED CROWDFUNDING CAMPAIGN. IF YOU ARE IN ANY DOUBT AS TO THE ACTIONS YOU SHOULD ACQUIRE V-ID’S TOKENS, YOU SHOULD CONSULT YOUR LEGAL, FINANCIAL, TAX OR OTHER PROFESSIONAL ADVISOR(S) AND IMMEDIATELY NAVIGATE AWAY FROM THE V-ID TOKEN DASHBOARD AND DO NOT BECOME V-ID’S TOKEN HOLDER. THE WHITE PAPER IS A SUMMARY OF THE V-ID BUSINESS MODEL, TECHNOLOGY, AND BRIEF INTRODUCTION TO THE V-ID PRIVATE SALE PRINCIPLES.

The whitepaper, information provided on V-ID webpage and any private sale’s terms and conditions published by V-ID do not constitute a prospectus or offer document of any sort and is not intended to constitute an offer of securities or a solicitation for investment in securities in any jurisdiction. The tokens to be issued by V-ID are not intended to constitute securities and/or collective investment units in any jurisdiction. If you decide to become V-ID’s token holder, please note that your contribution to V-ID does not involve the exchange of cryptocurrencies for any form of securities, investment units and/or form of ordinary shares in V-ID or any other company. A V-ID token holder does not receive any form of dividend or other revenue right.

Due to legal and regulatory uncertainty in the United States of America, the citizens and green card holders of and persons residing in the United States of America are not allowed to provide contributions and obtain V-ID tokens. Citizens and green card holders of and persons residing in the United States of America that participated in the private sale by providing false information about their citizenship, residency place and nationality, breached the private sale’s terms and conditions and entitled V-ID to request such persons to compensate any damages and/or losses suffered due to this violation.

The whitepaper, information provided on V-ID webpage and any private sale’s terms and conditions published by V-ID any part thereof and any copy thereof must not be taken or transmitted to any country where distribution or dissemination of these documents/information is prohibited or restricted.

No regulatory authority has examined or approved of any of the information set out in the whitepaper. No such action has been or will be taken under the laws, regulatory requirements or rules of any jurisdiction.

The publication, distribution or dissemination of the whitepaper do not imply that the applicable laws, regulatory requirements or rules have been complied with. To the maximum extent permitted by the applicable laws, regulations and rules, V-ID, its founders, team members and any third party involved in V-ID
project shall not be liable for any indirect, special, incidental, consequential or other losses of any kind, in tort, contract or otherwise (including but not limited to loss of revenue, income or profits, and loss of use or data), arising out of or in connection with any acceptance of or reliance on this whitepaper or any part thereof and/or information provided on V-ID webpage by you.

All statements contained in this whitepaper and V-ID webpage, statements made in press releases or in any place accessible by the public and oral statements that may be made by V-ID, its founders, team members and any third party involved in V-ID project and acting on behalf of V-ID, that are not statements of historical fact, constitute “forward-looking statements”. All statements regarding V-ID, financial position, business strategies, plans and prospects and the future prospects of the industry which V-ID is in are forward-looking statements. Neither V-ID, its founders, team members, any third party involved in V-ID project nor any other person represents, warrants and/or undertakes that the actual future results, performance or achievements of V-ID will be as discussed in these forward-looking statements.

This whitepaper includes market and industry information and forecasts that have been obtained from internal surveys, reports and studies, where appropriate, as well as market research, publicly available information and industry publications. Such surveys, reports, studies, market research, publicly available information and publications generally state that the information that they contain is from sources believed to be reliable, but there can be no assurance as to the accuracy or completeness of such included information.

No information in the whitepaper should be considered to be business, legal, financial or tax advice regarding becoming V-ID’s token holder. You should be aware that you may be required to bear the financial risk of any obtained V-ID tokens for an indefinite period of time. V-ID does not make or purport to make, and hereby disclaims, any representation, warranty or undertaking in any form whatsoever to any entity or person, including any representation, warranty or undertaking in relation to the truth, accuracy, and completeness of any of the information set out in the whitepaper.

The information contained on the V-ID webpage and whitepaper are of descriptive nature only, are not binding unless explicitly referred to in private sale’s terms and conditions. No part of the whitepaper is to be reproduced, distributed or disseminated without including this section “Important Notice”.

www.v-id.org | V-ID © 2019
INDEX

1 EXECUTIVE SUMMARY ................................................................. 6
  1.1 Introduction ............................................................................. 6

2 ABOUT V-ID .................................................................................. 9
  2.1 The OGSM team ...................................................................... 9
  2.2 Company details ...................................................................... 13
  2.3 Solvency ................................................................................ 13
  2.4 Motives .................................................................................. 15
  2.5 Ambitions ............................................................................. 16

3 THE V-ID SERVICE ................................................................. 17
  3.1 The problem ........................................................................... 17
  3.2 The solution ........................................................................... 17
  3.3 Verification ............................................................................ 18
  3.4 Validation by a V-ID employee ............................................ 19
  3.5 Self-validation ....................................................................... 20
  3.6 State of affairs ...................................................................... 21

4 THE MARKET .............................................................................. 24
  4.1 Trends and developments .................................................... 24
  4.2 Target groups ....................................................................... 28
  4.3 Competition .......................................................................... 29
  4.4 Conclusion ........................................................................... 30
  4.5 SWOT-analysis ..................................................................... 31
5 MARKETING PLAN

5.1 Product

5.2 Promotion

5.3 Location

5.4 Price

5.5 OGSM table

5.6 Roadmap

5.7 What not to do

6 V-ID TOKEN

6.1 Technique

6.2 Tokenomics

6.3 Token Sale Event

6.4 V-ID Token Distribution

7 FINANCIAL PLAN
1 Executive Summary

1.1 Introduction

V-ID is built to help prevent document fraud and add value by validating and verifying documents using blockchain technology. Our mission is to safely certify and secure all digital assets, so fraud and errors no longer hold back society's innovations in digitalization.

The service utilizes generic and trusted principles to enable validation and verification for any digital file, of any publisher. This is possible thanks to the immutable and transparent nature of blockchain. Our clients are impressed by the ease of use and the enormous gains in efficiency.

Among our first clients who currently use V-ID are Airbus Defence & Space, Krohne and BaanVelgen. Among our first clients who currently use V-ID are Airbus Defence & Space, Krohne and BaanVelgen.

The usecases we are discovering at the moment involve the following filetypes:

- Diplomas and certificates
- Reports
- Inspection certificates
- Due diligence trails
- Legal documents
- Audit trails
- Tracking data
- Goods documentation
- Logistic Documents
- Video footage
- Photo material
The video below explains the basics of how V-ID works in 90 seconds.

The issuing organization can register any file through the validation process of the V-ID platform, allowing each recipient to verify its authenticity within a matter of seconds and for free.

V-ID does not save a copy of a validated file and therefore easily complies with the GDPR guidelines.

V-ID is being developed by WIDIDI. Since 2008, WIDIDI employs its continually developed versatile platform, called M16, to execute software projects for their client-base. WIDIDI is specialized in secured environments, connections and communication.

Compared to WIDIDI's regular big scale projects, V-ID is a unique and scalable service. Therefore, optimal expansion of V-ID as a service requires a different approach. One of the milestones in 2018 will be to establish V-ID as a separate organization.

Funding will be generated through a large-scale Token Sale, in order to speed up development of the V-ID platform as well as facilitate market research and marketing.
Over the next 3 years V-ID will transform into a market leader in file fraud protection, just like SSL has become for secure internet connections. We are convinced that we can achieve this, knowing we have a strong team with the necessary professionals, and work together with recognized parties and individuals. Also, V-ID’s progress with the current adoption and conversion gives us a good picture of the product market fit. To take the momentum and stay ahead of other initiatives, we are organising a Token Sale.

Following the Private Sale, funding will be allocated for a marketing campaign to promote the Token Sale.

The V-ID Utility Token offers a concrete added value in identifying issuing organizations, saving digital fingerprints in a smart contract and processing payments for validating.

Technical development of V-ID focuses on a broad application of fail-safe fraud prevention.
2 About V-ID

2.1 The OGSM team

The V-ID team consists of a close group of people with diverse professional backgrounds. Most team members have been working together for 10 to 15 years. The atmosphere within V-ID is very open, communicative and professional.

Wico van Helden
CEO
Strategist, patient, down-to-earth, stable, flexible thinker, coach with an eye for people
25+ years management experience, Seagull Software (initial public offering 2005, sold to Rocket in 2008)

Marnix van den Berg
Lead Development
Passionate, creative, solution-oriented, strong communicative skills, connecting factor
15+ years experience in project coordination, interaction design and user experience

Pim Voets
Lead Concept Design
Strong empathy, focused vision, versatile creativity
15+ years experience in concept development and UX design
Ceciel van Helden
Lead Programming

Analytical, abstract thinker, go-getter, endless energy

15+ years experience in platform code layer, basic logic and core processing engine

Wil van Groesen
Lead Development

Precise, patient and relaxed nature, communicatively strong, great empathic ability

20+ years experience in databases, server architecture, performance and security

Thijs Calkhoven
Lead Product Management

Versatile in communication and technology, intelligent, fast learner

2+ years experience in product management, server architecture, performance and security
Edwin van der Lee  
Lead Customer Support  
10+ years experience in customer support, content creation, design and multimedia

Bastiaan Oosterman  
Advisor  
Business Dev Director  
Alterdax ALTERDAX bridges the gap between Traditional Securities and Digital (blockchain based) Securities.

Magnus Dufwa  
Advisor  
As ICO Advisor, Smart Contract Developer/auditor @blockalize.com, lead developer @ShipChain.com and NODEhaven, plus as an Ethereum solidity developer, Magnus has earned his stripes in the blockchain developers' community during the last years.
Dr Alan Whitfield  
Advisor

Dr Alan Whitfield, CEO of Congruis Limited and of Wididi UK, is a leading Information Solutions Architect and Programme Director with a unique combination of leadership, communication, facilitation, technical and analytical skills.

Willem-Jan Smits  
Advisor

Experienced lawyer with demonstrated experience in new technology as well as finance and restructuring. 
Expertises: Blockchain - Blockchain tech processes - smart contract legal framework - smart contract auditing - seed funding - pre ICO & ICO contracting - tokenization & token contracting

Camiel Vermeulen  
Advisor

Attorney at law, Watson Law.

Characterized by a continuous drive to achieve the optimal result and to think along with the client in his processes.
V-ID is developed by WIDIDI, a software developer based in Zwijndrecht, Ridderkerk and London. WIDIDI has been developing its universally versatile M16 Platform in-house since 2008.

Based on this platform, WIDIDI has specialized in secure applications in recent years, specifically for shipping, industry, police and defense. The platform is continuously probed for potential sensitivities and cyber attacks. Independent third parties carry out the penetration tests.

2.2 Company details

<table>
<thead>
<tr>
<th>Name</th>
<th>V-Id</th>
</tr>
</thead>
<tbody>
<tr>
<td>Legal form</td>
<td>Private Company (B.V.)</td>
</tr>
<tr>
<td>Activities</td>
<td>Validation and verification services (SaaS)</td>
</tr>
<tr>
<td>Primary countries</td>
<td>The Netherlands, United Kingdom, Belgium</td>
</tr>
<tr>
<td>Branches</td>
<td>The Netherlands: Stationsplein 4J, 3331 LL Zwijndrecht United Kingdom: Communications House, 26 York Street, London, W1U 6PZ</td>
</tr>
<tr>
<td>Number of employees</td>
<td>15</td>
</tr>
</tbody>
</table>

2.3 Solvency
The software is fully owned and independent from commercial licenses. WIDIDI and V-ID both operate without debt capital.
2.4 Motives

As society continues its digitalization process, new types of digital crime emerge. The media report on incidents such as data leaks, identity fraud, document forgery and fake news on a daily basis.

We believe one specific new technology can provide a breakthrough in the battle against these criminal side-effects. This technology, blockchain, has the potential to become one of the most important technological pillars of the modern world. For an IT company like us, the opportunity to help shape this technology with concrete applications and added value is the most exciting and important work imaginable.
2.5 Ambitions

“What was the standard mode of operation before V-ID?” Just like it is now difficult to imagine what the world was like prior to the internet, we believe V-ID will become an accepted and widely used element of modern digital society.

V-ID will be used by any organization that wants to fraud-protect its digital files in a fail-safe way. Comparable to how certified SSL connections are currently used for websites.

We believe that fast adoption of V-ID’s technology is possible, because it is radically different from other current fraud prevention technology. V-ID offers validation of any digital file with maximum security, optionally on site with a certified notary present, to oversee the process. Implementing V-ID is cost-effective, fast and completely non-intrusive to existing workflows.

Any recipient can verify the file in 5 seconds, without an account, from any device with an internet browser.

At a later stage, V-ID can focus on online identification and analysis of both individuals and companies.
3 The V-ID service

3.1 The problem

One of the downsides of the digitalization of society is the difficulty in combating fraud with digital files.

---

More than 10,000 criminal cases 'may be affected' by forensic data manipulation

More than 10,000 cases "may have been affected" by alleged data manipulation at a forensics laboratory in Manchester, an investigation has found.

The alleged manipulation by individuals working at a Randox Testing Services forensics laboratory emerged earlier this year when a data anomaly in a drug driving case was reported to Randox.

---

Source: ITV News, November 2017, link

3.2 The solution

V-ID is a service that uses blockchain technology to make fraud with digital files impossible. V-ID users can be divided into two groups: creators and receivers. Once a creator registers a file in V-ID, this file's authenticity can then be verified by the recipient.
V-ID’s validation process guarantees that the person registering the file actually represents the organization issuing the file. V-ID does not save a copy of a validated file and therefore easily complies with the GDPR guidelines.

3.3 Verification

The recipient of the file can verify the authenticity and content of the file by entering it into the verification terminal at https://www.v-id.org. Once the file is verified, V-ID generates a report of the verification.

An OIC (Origin Information Certificate) is offered in PDF format. This certificate contains all the details about the issuing party, the file itself and all blockchain data such as timestamp and proof of existence.
The validation process

Validation can take place in two ways: validation by a certified V-ID employee and self-validation.

A transaction with V-ID tokens takes place for each validation. Due to the data connected to these transactions in the blockchain, both the validating party and the validated file are fully transparent.

3.4 Validation by a V-ID employee

Remote validation (level 1)
The issuing organization submits the files to V-ID using a secure connection. V-ID then validates the files.

On-site validation (level 2)
A V-ID employee validates the files at the issuing organization’s location.

On-site validation under notary supervision (level 3)
A V-ID employee validates the files on-site at the issuing organization’s location, with a notary present to supervise the process.
3.5 Self-validation

This method allows an employee of the issuing organization to validate files at any time. V-ID appoints a wallet to the issuing organization containing a balance of V-ID tokens.

For more info on validation, read our medium articles on https://medium.com/@pim_vee

Blockchains are the new fraud fighters

A large hospital creates more than a million sensitive medical documents each month.

The documents are vulnerable to tampering, which can lead to fraud. There are also many nearly-identical versions of documents, which can cause confusion and lead to medical errors.

A new form of blockchain technology is the answer.

Source: Venture Beat, December 2017, [link](#)
3.6 State of affairs

V-ID has been in development since February 2017.

The V-ID promotion website has been live since March 2017 and the V-ID Verification Terminal is operational since August 2017.

A beta version of the Token Sale platform for overview and management of credits has been in operation since May 2018.

A full beta version of the Validation Platform is planned for Q4 2018.

A first version of the V-ID token was developed in Q1 of 2018 and a soft launch of this Utility Token took place in Q2 of 2018.

Users

V-ID is now in use at Airbus Defense & Space, Dutch college HBO Drechtsteden, fiber-optic supplier Vitrumnet and ESHRE (European Society for Human Reproduction and Embryology).

ESHRE (Belgium) uses V-ID to protect the diplomas and certificates that they assign to students in PDF format against forgery.

HBO Drechtsteden (the Netherlands) immortalizes diplomas using V-ID technology. Sander Fischer, student Entrepreneurship and professional footballer at Sparta was the first graduate to own a V-ID blockchain validated diploma.
Airbus Defense & Space (France and England) uses V-ID to record notifications related to cyber threats, so that all data and times around a threat are guaranteed to be accurate.

Wildradar uses V-ID to record population data from different species of Dutch fauna.

Vitrumnet (the Netherlands) uses V-ID to immortalize contracts.

**First V-ID Monthly**

An update on V-ID latest developments: [https://about.v-id.org/v-id_token](https://about.v-id.org/v-id_token)
An example of the verification process of an Incident Report from the Maritime Cyber Alliance platform.

An Incident Report from an oil tanker in Jakarta

The IR is available as a PDF file.

**Step 1:**
Download the file

**Step 2:**
Open V-ID.org

**Step 3:**
Check the PDF file at Verification Terminal

This Incident Report is verified in the blockchain.

The contents of this file exactly the same as the original document published by the CSO of this ship.
4 The market

4.1 Trends and developments

Digitalization makes a mark on the business landscape

source: CBS, April 2017

Digital transformation is the buzzword in the ICT world

source: Computable, September 2017

On the one hand, digitalization, across the full breadth of society, is seen as the solution for saving costs and making services easier for the customer. At the same time, as a side effect, we see daily reports about explosively growing cybercrime in the media.
A simple Google search is enough: digitalization is the key word in almost every facet of society. In nearly every sector, digitalization is mentioned as the way to lower operational costs.

This means more and more paper documents are replaced by digital documents. As a file travels from the start to the end of a process, it passes dozens of stations. Through computers, modems, network towers, internet nodes and corporate networks that are managed by different organizations, the file, or one of the copies, ends up in an environment that may or may not be secure.
This complex route creates numerous opportunities for unlawful manipulation, without the average employee, who is part of the process, being aware of it.

source: Emerce, November 2017

DNB: Digitalization and cyber attacks
greatest risks

The complexity of the route that a file follows is hard to reduce, but a watertight check on the contents of a file is perfectly possible.

Below are a few examples of digital files that can undergo unauthorized changes without V-ID.

Diplomas and certificates
Reports
Inspection certificates
Due diligence trails
Legal documents
Audit trails
Tracking data
Goods documentation
Logistic Documents
Video footage
Photo material

Digital files can also be used in combination with V-ID to record analogue documents and objects.

HR scans of paintings and other art objects
Video or photo material of inventory
Video or photo material of the state of objects and buildings
Document fraud, money laundering and the online trade in illicit goods and services are the **engines of organised crime**

*source: Interpol SOCTA report 2017*
4.2 Target groups

Sectors
In the following sectors, large amounts of digital files are created daily that are exposed to real risks of fraud.

- Governments
- Education
- Transport
- Healthcare
- Accountancy
- Financial services
- Heavy industry
- Factories
- Jurisdiction and legal profession
- Recruitment
- Notary
- Law enforcement
- Defence
64% of decision makers have expressed a strong need to manage the risk of digital fraud, be it identity fraud, means of payment, documents, etc.

source: “Digital Technology, a Weapon against Document Fraud” Hélène Mouiche, Senior Analyst at MARKESS

4.3 Competition

There is no de facto standard solution against document fraud.

There are a number of startups and research groups that experiment with a form of security using blockchain technology.

The Massachusetts Institute of Technology (MIT) conducted a pilot program in 2017 with 111 students, who received a digital version of their diploma alongside the physical version. In this concept, only the student can download a copy of the diploma. The concept only works through an app, and the recipients cannot check the certificate for authenticity at a later time.

Gradbase and Skillchain are two startups that focus exclusively on resumes. Both are still in the development phase and have no customers yet.
DiguSign is a project under development by a community of enthusiasts around the DigiByte coin.

It uses a digital signature for documents and records them in the blockchain via a project environment. They leave the validation process to the users. There are no customers yet, but DigiByte claims to have more than 1,000 users.

Furthermore, there is a fairly large number of commercial organizations, such as Adobe and Signix, which offer some certainty about the origin of documents with a digital signature.

However, these are one-sided, not easy to implement and not easily verifiable methods. In addition, the relevant files have to be adapted for this purpose and these "signatures" or password protections offer no real, flawless protection against changing the file.

Verification services are offered by a growing number of market parties, such as Nuffic and Trulioo. These services use methods based on human control, using knowledge, experience and sampling.

An interesting concept is Civic which offers a similar validation and verification service for personal identification (passports, etc.). Civic also bases its method on the Bitcoin protocol, the most established blockchain in the world.

4.4 Conclusion

The potential market for V-ID is virtually unlimited and growing rapidly. The worldwide digitalization ensures that paper file fraud is increasingly moving to digital file fraud.

The validation service is still new and unique. Currently, there is no organization that has already won any significant market share.

V-ID provides the simplest, most scalable and most generically applicable solution.

The V-ID service approach is not market or application specific and therefore has a very large potential to scale up and thus become the de facto standard.
### 4.5 SWOT-analysis

#### Strengths

- Unique product
- Simple and scalable concept
- Widely applicable
- Proven use case
- Active, initial user base
- Sufficient liquidity
- Strong team
- Proven software platform as foundation (10 yr + in development, approx. 100,000 users)

#### Weaknesses

- Capacity
- Legacy projects (existing contracts)
- Limited marketing budget

#### Opportunities

- Huge market
- Multiple sectors
- Generically applicable
- Blockchain is still new and a buzz term
- Investors Token Sale

#### Threats

- First signs of competition
- Chance of bad news about blockchain in general
- Perception of complexity
- Adoption speed unpredictable
5 Marketing plan

5.1 Product

V-ID is a service that allows companies to protect their digital files against fraud. The files are validated via the V-ID platform, after which they can be checked for authenticity at any time and within seconds.

5.2 Promotion

Initially, we see the most concrete possibilities within WIDIDI’s existing customer base. In addition, we want to focus our market approach on early adopters. Organizations that want to take the lead and thus act as a V-ID advertising board.

Our goal is to make sure the V-ID service will become an established name with excellent brand recognition. The V-ID concept is very suitable for catchy news headlines and an aggressive marketing campaign should lead to rapid market penetration.

Overall we envision the following market approach:

- generate leads for medium to large organizations that will use V-ID; this reinforces the proposition of V-ID during a Token Sale).
- finding a solid partner to launch a Token Sale for generating the funding to further accelerate the development of the V-ID Platform, to do market research, expand marketing and scale up the organization.
- through a Private Sale, funds will be raised for the marketing campaign to promote the Public Sale.
- approach and select a partner that wants to leverage its network and expertise to make V-ID a worldwide concept.

5.3 Location

V-ID currently has active users (paying customers) in the Netherlands, Belgium, France and England. We have the ambition to expand the number of countries, but for now we expect the most accessible expansion within the Netherlands.
5.4 Price

V-ID is a new service and therefore the market prices have not yet been determined. At first, more research is needed to determine the price proposition. Whoever approaches the market for the first time has the possibility to determine the price within a certain bandwidth.

The security, but especially the news value, plays a crucial role as well. With SSL and hosting services, we see price-determining factors that we also consider to be realistic for V-ID:

- safer means more expensive
- a larger purchase, reduces the price per piece
In our first estimate, these prices can and should differ per sector and per organization.

The start-up costs mentioned, include a (physical) identification of the issuing organization and all people involved in the process.

<table>
<thead>
<tr>
<th>start-up costs one-off</th>
<th>license / service costs</th>
<th>price per validation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of files</td>
<td></td>
<td>&lt; 1.000</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1.000 - 20.000</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- 100.000</td>
</tr>
<tr>
<td>Self-validation</td>
<td>21.000 VIDT</td>
<td>10.500 VIDT per year</td>
</tr>
<tr>
<td>Validation by V-ID level 1</td>
<td>6.000 VIDT</td>
<td>3.000 VIDT per year</td>
</tr>
<tr>
<td>Validation by V-ID level 2</td>
<td>9.000 VIDT</td>
<td>6.000 VIDT per year</td>
</tr>
<tr>
<td>Validation by V-ID level 3</td>
<td>30.000 VIDT</td>
<td>15.000 VIDT per year</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1.500 VIDT per batch</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3.000 VIDT per batch</td>
</tr>
</tbody>
</table>

Based on the expected price per token, after Token Sale: 1 VIDT = $ 0.20
5.5 OGSM table

With the OGSM table below, we want to keep clear how the various components are related to our objective and with each other. With this index we have powerful means to monitor progress and focus.

<table>
<thead>
<tr>
<th>Objective: In 5 years V-ID is the standard for protecting files against fraud</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Goals</strong></td>
</tr>
<tr>
<td>&gt; 20% of organizations with 100+ employees who produce fraud-sensitive files use V-ID</td>
</tr>
<tr>
<td>Number of files validated</td>
</tr>
<tr>
<td>&gt; 100K per month</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>
5.6 Roadmap

Q1 2017
START V-ID

Q2 2017
PROTOTYPE
Working prototype V-ID terminal

Q3 2017
USER TESTS
first V-ID beta users and pen-tests

Q4 2017
INNOVATORS
V-ID’s first real users
Q2 2018

EARLY ADOPTERS

- soft launch V-ID token
- representative early adopters in different sectors
- 3 to 6 organizations using V-ID to validate documents

Private Sale

Q3 2018

PRE-SALE

- Token Sale website live
- Token platform live (overview and token management)
- partnerships with exchanges

Q4 2018

PUBLIC SALE

- ad campaign
- 10 organizations using V-ID to validate documents
- online ad-campaign (exchanges, news websites, magazines, social media)
Q2 2019
API's
soft launch API's
soft launch Wallet
tradeable on larger exchanges

Q3 2019
SCALE UP
API's live
white label widgets live
B2C Validation

Q4 2019
MAIN STREAM
over 30 customers
200,000 documents per year
international brand recognition
Beyond Q4 '19

Simultaneously with the development and rollout of the B2B applications of V-ID, a basis is built for B2C applications. Initially, we focus on a private version of Self Validation, and a V-ID technique-based toolset that makes online identification possible.

Consumers will be able to use their V-ID tokens with these applications for:

Self Validation

Example:
Artists can record their work using V-ID, ensuring the ownership of their work. Gathering and recording (photographic) evidence for insurance claims. Gathering evidence for patent claims. Determining the state of e.g. a rental car or holiday home to prevent unauthorized withholding deposits.

Identification

Example:
Consumers can validate their personal data with V-ID. Online services can offer V-ID as a registration method for new accounts, or as verification of a customer's identity in transactions or purchases.

This means consumers no longer have to leave their information with countless online services and that the online service has certainty about the identity of its users.
“DECIDING WHAT NOT TO DO
IS AS IMPORTANT AS WHAT TO DO”

5.8 What not to do

V-ID will not deliver customization, and will only provide a standard product in a small number of variants

V-ID will become a service provider with a standard, ultimately scalable and white label solution

V-ID will not rush into the scale up phase, in order to protect quality

V-ID chooses bootstrapping; to retain independence and to perfect the concept with quality as the sole motive

V-ID does not want debt

Anyone who represents V-ID, in any way, is as cost-effective as possible from day 1 and will act decisively in terms of expenses
6 V-ID Token

6.1 Technique

Blockchain
Ethereum (ERC20)

Proof Type
Not mineable

Technical = Non-native Protocol Token

The V-ID utility token is an ERC20 token that is used to identify wallet addresses (for issuers / validating parties) and is used as payment per validation.

Purpose / underlying value = Network Token / Network Value Token

The platform can be used online (human interface) and will be expanded with a number of apps, white label widgets and SOAP and REST APIs, to form the ultimate safe bridge for validating and verifying with most common modern software (using web services and system interfaces).

Utility / Legal status = Usage Token / Utility Token

The V-ID blockchain is anchored in both the Bitcoin and Ethereum blockchain. A third blockchain is expected but is not yet scheduled.

The token price must be high enough to cover the operational costs of V-ID, including Ethereum and Bitcoin transaction fees.
6.2 Tokenomics

**IMPORTANT NOTE**

To comply with exchange listing requirements and to prevent legal issues, V-ID changed the tokenomics model in March 2019 to exclude dividend. This section has been updated in March 2019!
To summarize, the V-ID tokenomics show the following expected factors contributing to the increase of the V-ID token value:

**Utility and scarcity**

B2B

V-ID tokens are at the heart of the validation process. To validate files, a publishing party pays with V-ID tokens only. V-ID provides all other cryptocurrency required + cloud hosting for the platform.

The token eliminates the need to buy DGB, ETH and BTC for transaction fees as V-ID takes care of this. The transactions are key to the identification and confirmation of the identity of the publishing party.

The number of V-ID tokens that will be issued is limited. VIDT cannot be mined and 20% of the tokens spent are burned quarterly.

V-ID transactions are public and traceable, providing transparency.

The number of V-ID tokens needed for validating files is expected to increase, because the number of organizations that validate files with V-ID is expected to increase.

The price per validation (in VIDT tokens) is controlled by V-ID. Clients can choose between a fixed or market price.
B2C

After first establishing a client base of medium to large businesses, the V-ID Platform will be further developed to facilitate consumer-oriented services. These services will open up an additional market of consumers, who will use V-ID tokens for a range of applications around online identification, rights management and file validation.

These API based applications will enable any website to implement a V-ID service to, for instance, simplify the registration and due diligence process for new members.
6.3 VIDT Token Sale Event

The public Token Sale Event planned to commence of Sep 15th, 2018, is characterized by the following:

- Pre Sale start date: 15 Sep 2018
- Public start date: 15 Oct 2018
- Token Sale end date: 15 Dec 2018
- Max VIDT tokens: 100,000,000
- VIDT token price in ICO: $0.20
- Soft cap: $1,000,000 (reached in the presale)
- Hard cap: $8,000,000

ALL TOKENS RESERVED FOR THE TOKEN SALE THAT ARE NOT SOLD WILL BE BURNED
6.4 V-ID Token Distribution

100 million (100,000,000) V-ID Tokens will be distributed according to the schedule below.

![Token Distribution Pie Chart]

- 12% Private Sale
- 50% Token Sale
- 25% Validation
- 3% Team
- 2% Advisors
- 8% Bounty & Airdrop

6.5 Founders lockup

In addition to our stimulus actions that are build-in in V-ID’s Tokenomics, we commit to a founders lockup. This is an extra measure to help maintain a calm and steady development of the exchange rate. The lockup means that V-ID mandates a 5 year lockup on V-ID Tokens for its founders and advisors, with 20% released per year.
7 Financial plan

We assume a three year turnover growth and will reach the break-even point within 5 years.

The number of documents validated with V-ID is estimated at five hundred thousand in Year 3 and at least 1.5 million in Year 5. The exponential growth will mainly be driven by automated validation and verification, by means of integration with existing systems.

In the course of the first years, the revenue ratios will shift from "licenses and implementations" to turnover "per document". The ratios of the expenses will shift from "marketing and development" to "sales and support".

Our strategy for the first years is mainly aimed at increasing brand awareness and establishing the V-ID brand. The funds that the Token Sale will generate, will be allocated as seen in the diagram below.

**Distribution of the ICO Funds**

- 30% Marketing
- 25% Operations
- 30% Development
- 10% Team
- 5% Advisors
Learn more

The V-ID validation service uses blockchain technology to end all document fraud. Learn more at [https://about.v-id.org/](https://about.v-id.org/)

V-ID introduction video. [link](https://about.v-id.org/)