

Intigö



Intigo 3D White Paper v1.0

Table of Contents

- Abstract** 4
- Introduction** 5
- Industry Analysis** 6
 - Market Overview 6
 - Existing 3D Print Technology 7
 - Industry Barriers 8
- What is Intigo 3D?** 9
 - The Intigo 3D Consumer Marketplace 9
 - Licensing - Powered by Intigo 3D 9
 - Our Patent 9
 - A Diagram Showing the Intigo Process 10
- How Does Intigo Solve the Problem?** 11
 - Digital Rights Management Solution 11
 - Intigo 3D DRM 11
 - Trust and Security 11
 - Click and Print User Experience 11
- Our Blockchain Vision** 12
 - Blockchain and IP 12
 - The Mechanics on how Blockchain Protects IP
& Integrity of Design Files after Transfers over the Internet..... 12
 - Our Blockchain Revenue Model 14
- Intigo 3D Marketplace** 16
 - Designer Portals 16
 - Intigo Consumer Journey 16
 - Intigo Consumer Delivery 16
 - Consumer Journey in Today’s Market 18
- Collaboration and Market Penetration** 19
 - Who is CADPAD? 19
 - How does CADPAD & Intigo 3D Coexist 19
 - Intigo Token (Function and Usage) 20
 - CADPAD 3D & Intigo 3D Partnership Functionality (User) 21



CADPAD 3D & Intigo 3D Partnership Functionality (Designer)	23
How does CADPAD work with the Intigo DRM solution	24
Blockchain and 3D Printing	25
Blockchain Business Case.....	25
Keyway Options and Examples	26
Why ERC20 Token?	27
Intigo 3D Developmental Process	28
Stages of Developmental Process	28
Future Potential	28
Perceived Implications	29
Roadmap	32
Scenarios Affecting the Pace and Scope of Development	33
Why Intigo 3D Token (ITO)?	34
Intigo 3D Token Sale Event	37
The Basics	37
Token Allocation	37
Funds Allocation	38
Pre-Sale Token Opportunities	38
Intigo 3D Team	



Abstract

Additive Manufacturing, more commonly referred to as 3D Printing, has seen a huge surge in popularity in the last ten years. The technology enables objects to be manufactured (printed) in a variety of different materials (metals, polymers, ceramics, etc.) directly from a digital design file utilizing a 3D printer. This manufacturing process has a wide array of applications across various industries including consumer products, industrial products, defense and aerospace, technology, automotive, healthcare, education and research and many others.

But along with this growth, problems have been identified, chief among them being security and piracy issues. Copyrighted 3D designs are being illegally shared, stolen and distributed every day.

At Intigo 3D, we are creating a powerful new platform to solve this problem. Our Intigo 3D Marketplace will be integrated with a blockchain, (“Blockchain” from here on in this document) to intelligently archive 3D designs and allow them to be transferred securely to a 3D printer using our digital rights management solution (DRM).

The Intigo 3D Marketplace will be a fully secure marketplace where 3D designs will be uploaded, archived, distributed and sold. By combining the Blockchain with our DRM solution, we create a transfer of the digital design file that is both authenticated and secure.

The Intigo 3D Marketplace will be accessible to designers of all sizes, from small boutique designers with a small portfolio of 3D designs to enterprise brands who have spent millions of dollars developing their intellectual property (IP). Currently in 3D printing there is not secure way for any IP holder to receive a return on their investment because currently there is not a standard to control “who” or “how many times” that a particular file can be printed.

At Intigo 3D, we are focused on protecting the principal's interest, understanding that every time a design is sent to a printer, it must be secure, it must print, and the owner of the design gets paid.

We want to carry these principles into our blockchain product. Intigo 3D wants to bridge the gap to pay brands and designers for customizing existing manufactured products. Intigo 3D has proven its patent with a D.R.M solution, now we want to use blockchain technology to prove the same concept in a physical space.

Introduction

Since the mid 1980's when stereolithography was patented by Charles W. Hull, the process of additive manufacturing (or 3D printing as the process has become more commonly known), has grown by leaps and bounds. Today the term 3D printing now describes a variety of processes, each that vary in their method of manufacturing, the material used in the manufacturing and the hardware technology deployed in the manufacturing process.

As new 3D printing technologies, materials and processes have matured, so have the Computer Aided Design (CAD) tools that are needed to design 3D models. Together this has created the potential of a manufacturing process with endless applications. Today, individual designers, OEMs and brand holders around the world are designing and printing 3D products at greater pace than ever before.

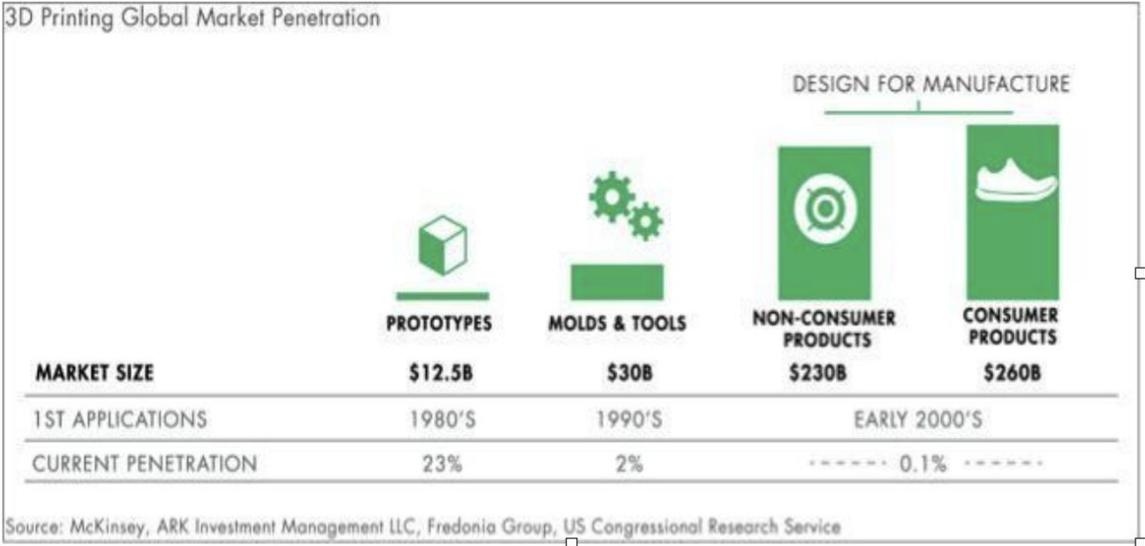
With the mainstream adoption of this technology comes tremendous possibilities, as well as tremendous risk. One risk identified by Intigo 3D is the security threat to the creators of copyrighted 3D designs. Intigo 3D's digital rights management (DRM) solution provides the first secure system to distribute a digital 3D design file and protect it from piracy and unauthorized printing.

These risks have always been present within new industries. Consider Napster when peer-to-peer file sharing was popular. Unauthorized digital audio files, mostly songs, were illegally shared on the internet robbing artists of millions of dollars of lost revenue. Eventually Napster and others were shut down for copyright infringement but these services gave birth to platforms like iTunes®, Netflix® and others. These new services protect the copyrights of the artists by legally selling and distributing music, videos, movies, etc on consumer-friendly platforms that have become the new standard.

The same threats are inherent in 3D printing. Copyrighted designs are pirated illegally on the Internet every day. From small designers working out of their homes, to multinational brand holders who have invested millions into creating their designs, these files are being shared and 3D printed illegally, robbing the copyright holders of millions upon millions of lost revenues.

iTunes and Netflix pioneered selling and distributing audio files securely over the internet. Intigo's 3D marketplace will do the same for 3D print technology.

Industry Analysis



Market Overview

The 3D printing market is expected to grow substantially due to greater adoption of the technology worldwide, rising government investment in 3D printing projects, new and innovative materials, and increase interest of larger, multinational industrial companies such as GE (US), Liebherr Group (Switzerland), Diehl Aerosystems Holding GmbH (Germany), and BAE Systems (UK).

The overall 3D printing market, including hardware, print materials, design software, services, etc., is expected to be worth USD 32.78 Billion by 2023, at a CAGR of 25.76% between 2017 and 2023.

The flexibility and durability of 3D printing has revolutionized manufacturing. Today, 3D designs are being created and printed all over the world, from small, personalized wearables, to fully scaled, industrial products. The application for this technology is limitless.

3D printing is being used in many markets already including consumer products, aerospace, defense, education & research, electronics, automotive, industrial, food and others.

From a print process standpoint, the market is segmented into powder bed fusion, material extrusion, vat polymerization, material jetting, binder jetting, directed energy deposition, and sheet lamination.

The 3D printer market for the desktop segment is expected to grow at a higher rate due to a reduction in the retail cost of the 3D printers. Technological advancements lead to their growing



deployment across the education, consumer products, food and culinary, and printed electronics verticals.

Plastic occupied the largest share of the 3D printing material market in 2016. However, the market of other materials (such as laywood, wax, and paper) is expected to grow at the highest CAGR. This is driven by the increasing demand for biomaterials used in the healthcare industry and certain specialized materials in emerging applications.

The markets for the emerging verticals such as food and culinary, printed electronics, and education are expected to grow at significant CAGR in the near future. The education market is highly attractive for 3D printing in North America and Europe as awareness and adoption is high.

In 2016, North America led the 3D printing market in terms of market share, followed by Europe and the Asia Pacific. The US held the largest share of the North American 3D printing market, followed by Canada and Mexico.

Existing 3D Print Technology

3D printers come in a variety of sizes, within a variety of capabilities and possess the ability to print a variety of materials. Choosing a 3D printer to work with is based on a number of factors including:

- Printer cost
- Print quality
- Print speed
- Printer capability
- Practicality
- User expectations

The types of 3D printer technology also vary including:

- Stereolithography (SLA)
- Digital Light Processing (DLP)
- Fused Deposition Modeling (FDM)
- Selective Laser Sintering (SLS)
- Selective Laser Melting (SLM)
- Electronic Beam Melting (EBM)
- Laminated Object Manufacturing (LOM)

Industry Barriers

As with any fast growing, emerging technology, there are barriers that present themselves to slow down mainstream adoption. Some of those barriers include:

- Investment Time and Cost
- Regulation
- Safety and Certification
- Lack of 3D Printing Expertise
- Lack of Support Systems

While some of these barriers cannot be immediately addressed, Intigo 3D has identified three additional barriers with direct technological solves.

- **Lack of Networking**
Currently there is not a single standard to network 3D printers of different types and styles together.
- **Transfer of Design File from Design Software to 3D Printer**
Currently there is not an efficient way to transfer a 3D design from the CAD design software where it was created to a 3D printer. The designer must move the design (g-code) to an SD card. Once transferred, the SD card is inserted into the 3D printer and the user adjusts the printer to the settings to print.
- **Illegal 3D Design Downloads, Sharing and Piracy**
Enterprise brands spend millions on their intellectual property (IP) to gain a competitive advantage. When they design a product for 3D printing, they do not have a secure way to ensure a return on the product because currently there is not a standard to control “who” or “how many times” that a particular file can be printed.

At Intigo 3D, we are focused on protecting the principal's interest, understanding that every time a design is sent to a printer, it must be secure, it must print, and the owner of the design gets paid.

What is Intigo 3D?

Intigo 3D® is a cutting edge technology company with (2) distinct service areas.

The Intigo 3D Consumer Marketplace (MVP) (user.intigo3d.com)

The Intigo 3D Consumer Marketplace is a web-based experience where consumers can purchase a variety of certified and approved 3D designs and accessories for manufactured products. If the consumer has a 3D printer at home they can purchase the design and print it. If they don't have a 3D printer at home, Intigo 3D will print and ship the final product to them.

Licensing - Powered by Intigo 3D

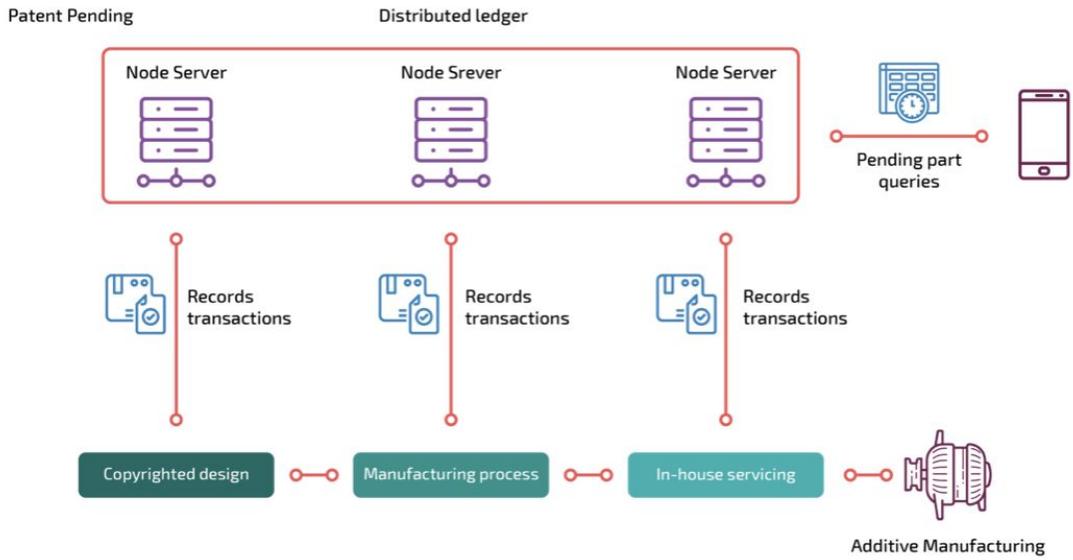
Intigo 3D partners with existing OEMs and consumer brands who want to leverage the Intigo technology. By enabling our Blockchain, Intigo 3D can allow brands and 3rd party sellers (Amazon model) to use our intellectual property while keeping track of prints on the Intigo 3D public ledger.

Our Patent

The technology described in our Utility Patent (filed December 2017) will allow consumers to purchase designs through a pay-per-print model in three ways:

1. Single Use (design deletes after product prints)
2. Multiple Copies (print multiple copies of same design)
3. Monthly Subscription (print pre-determined monthly quantities)

A Diagram Showing the Intigo Process



Intigo Process

How Does Intigo Solve The Problem?

Digital Rights Management Solution

Digital rights management (DRM) is a term used to describe a system that provides intellectual property (IP) protection and stops the unauthorized reproduction / distribution of copyright-protected digital media.

Intigo 3D DRM

Intigo 3D has developed a DRM solution for the 3D printing market and proved the concept during our testing stage. Intigo 3D has filed a Utility Patent - “Inventory & Distribution System for 3D Designs”.

The Intigo DRM provides benefits in many different aspects of the 3D printing industry. Intigo 3D protects the intellectual property (IP) copyrights of the creator by:

- Preventing unauthorized usage of digital 3D design files
- Limiting the amount of prints that can be produced from a protected design
- Preventing unauthorized redistribution (file sharing) of the protected design
- Restricting the ability to digitally copy / reproduce the protected design

Trust and Security

- Intigo 3D protects your IP with our IP
- All the design files we protect are decentralized with the Blockchain on our ledger. No one person controls a principal's design, not even Intigo 3D.

Designers, OEMs and brands finally have a safe, secure, and easy-to-implement solution to monetize their 3D designs without the fear of unauthorized design use or stolen, shared or pirated design files.

Click and Print User Experience

Intigo 3D offers an easy user experience. From the Intigo 3D Marketplace, users can simply choose the design they want to print and with a click, seamlessly print the design to the printer of their choice. Even in the case of a printer not having a desired material or the proper hardware, our Print Management Network Solution (PMNS) will automatically locate the next available printer to finish the job, serving our dear users convenience and a peace of mind.

Our Blockchain Vision

Blockchain and IP

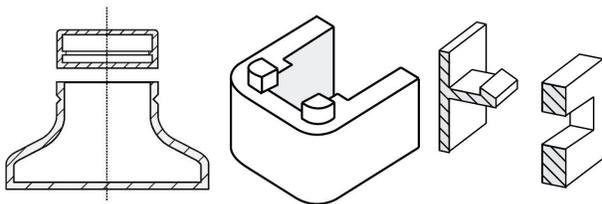
With Intigo DRM protecting design files / intellectual property, preventing them from being copied, transferred, and executed without permission, Intigo also uses the Blockchain to protect the IP holder's interest by making sure revenue is generated every time a design were printed. The Blockchain validates a purchaser's payment and conditions for purchase, then authorizes the print procedure by sending to the purchaser's print environment with a newly generated keyway codes (snap fits) specifying how the product is to be assembled for each print. (Ex, a key and a door knob changing the keyways every time someone opens the door.)

The blockchain product is being developed to enable our consumer marketplace to accessorize manufactured products. The Intigo 3D Marketplace is targeting the existing customers of brands by selling accessories and customizations for their existing products.

The blockchain also allows designers to sign up to leverage their designs without approaching other centralized marketplace, while wasting their long wait for approval. Our blockchain also features a pay-per-print mechanism where designers get their royalties, albeit a micro payment, be made to their wallets immediately right after the completion of orders.

Designers upload their products for the Blockchain (brand products) they want to accessorize. The customer purchases the accessory from our marketplace and print it to a 3D Printer. The Blockchain pays the designer by arrangement through smart contracts with the copywriters' (Brands) blockchain.

- Brands design the support for their existing products for designers to plug into
- The Blockchain is used to change the plugs to protect against swapping accessories.
- The Blockchain speaks directly to the final two connecting pieces for every print on the same manufactured product.(See diagram on Why Blockchain)
- Designers leverage the brands' existing customers to market their products
- The Blockchain pays the copyright holders and the designers for every print



The Mechanics on how Blockchain Protects IP & Integrity of Design Files after Transfers over the Internet

Here is the scheme to protect the integrity of design files after the transfer of files from design depositories (on databases of large 3D design and printing companies, Intigo 3D or independent participants on Intigo 3D Platform) to 3D printers or print banks.

A case to illustrate the point:

1. Designer uploads his design to a brand through Intigo 3D Platform, it's actually a 3-step process –
 - A. Designer uploads his design file to Intigo 3D.
 - B. Intigo 3D Platform internals hash the design file, publish the hash to the Intigo Blockchain, and append the hash to the file.
 - C. Intigo 3D sends the file with the hash to the brand and deposit on his database.

2. Later on, when the design is purchased by a consumer, Intigo 3D will send a request to the brand and ask him to stream the design file to the designated 3D printer. Intigo 3D will send the hash linked to the design file to the 3D printer and verify if both hashes from the brand and Intigo 3D match. If the match is positive, then the design file after streaming over the internet to the 3D printer is not corrupted and is ready to print with the keyways provided by the Intigo DRM solution.

3. The Intigo Blockchain will keep track of all these and record them on a public ledger. The Blockchain will automatically make all the payments to the designer and the brand after the order is fulfilled.

This scheme allows designers to proof of ownership with timestamps to dispute copycats when needed, and design files are integral after sending over the Internet. Data corruption is checked before the 3D printer starts to move.

Revenue Model

Intigo Blockchain License	Designer Memberships	Revenue Splits
Monthly license targeted towards brands to capitalize on existing products and also provide featured products or brand advertising to increase revenue channels	Free memberships allowing designers to upload products to the brands blockchains with a nominal fee to feature their designs for promotion	Smart contracts pay the appropriate parties once designers' accessory is printed Intigo 3D earn a commission on every transaction

Our blockchain revenue model consists of 3 streams of income: One from the monthly license to the brands where we protect their intellectual properties of their design products by our DRM & Blockchain technology. The second revenue channel is the commission from each transaction of purchase made. We expect to have a strong revenue show once the Intigo Platform is completely set up. We target to enlist over 1,000 3D printers and 3D design IP holders, large & small; over 5,000 designers, and over 200,000 end users when the Intigo Platform is in full swing. The third is from advertising sponsorship. Our platform is prime to 3D printing suppliers, manufacturers, and other companies which can tap into our pool of high spending customers.

Every party in the Intigo ecosystem will be benefiting from the exposure they enjoyed from the larger design collection, larger 3d printers & design selection, larger market pool, and the convenience of the service provided by the Intigo Blockchain. Besides the end consumers enjoy the click-and-print, the designers and 3D printer would also love to see their pay-per-print guaranteed and timely deposited to their digital wallets.

The Intigo platform also features a token rewards program where users receive fractional remuneration on their exposed big data of user information to advertisers. The rewards program will increase the number of registrants to our platform, hence more value to advertisers. We will enlist advertisement sponsors beyond the 3d printing industry, targeting other high spenders on advertising like designer furniture, travel package, fine wine, and so on.

Let's take a brief moment on a section of the smart contract integrated into the Intigo Blockchain to perform the payment once an order is confirmed. We are going to make the illustration simple to understand, so we make some variables as constants, we omit the number of prints allowed, we do not differentiate different messages and instruction to the printer and the designer. Now, let's assume the consumer orders a product that is listed for \$60. The exchange rate of the Intigo token is 1:100, ie one Intigo token worths \$0.01. The list price consist of \$59.95 charged by the 3D printer to print the product and delivery. The loyalty to the designer is \$0.02, and the commission to Intigo 3D is \$0.03. Without optimization of codes, part of the smart contract in Solidity will look like this:

```

function printthisitem(uint256 itemcode) public {
    require(tokenContract.transferFrom(msg.sender, address(service_contract), 5995));
    require(tokenContract.transferFrom(msg.sender, address(designer), 2));
    require(tokenContract.transferFrom(msg.sender, address(intigo_platform), 3));
    mapping (address => string) message;
    function sendMessage(address _servicecontract, string _message) {
        message[_servicecontract] = _message;
    }
    function sendMessage(address _designer, string _message) {
        message[_designer] = _message;
    }
    function readMessage() returns (string) {
        return message[msg.sender];
    }
}

```

The first “require” line carries out the pre-approved transfer of 5995 Intigo tokens (ITO) from the sender(consumer) of the message to the service contract. The second line does the same by asking 2 ITO from the consumer to the designer as royalty payment. The third repeats by asking 3 ITO from consumer to Intigo Platform as commission. If line 1, 2 or 3 fails for any reason then the function will terminate, ensuring that the contract is paid for the work it undertakes. Otherwise it sends a message to the service contract to print out the desired item as requested.

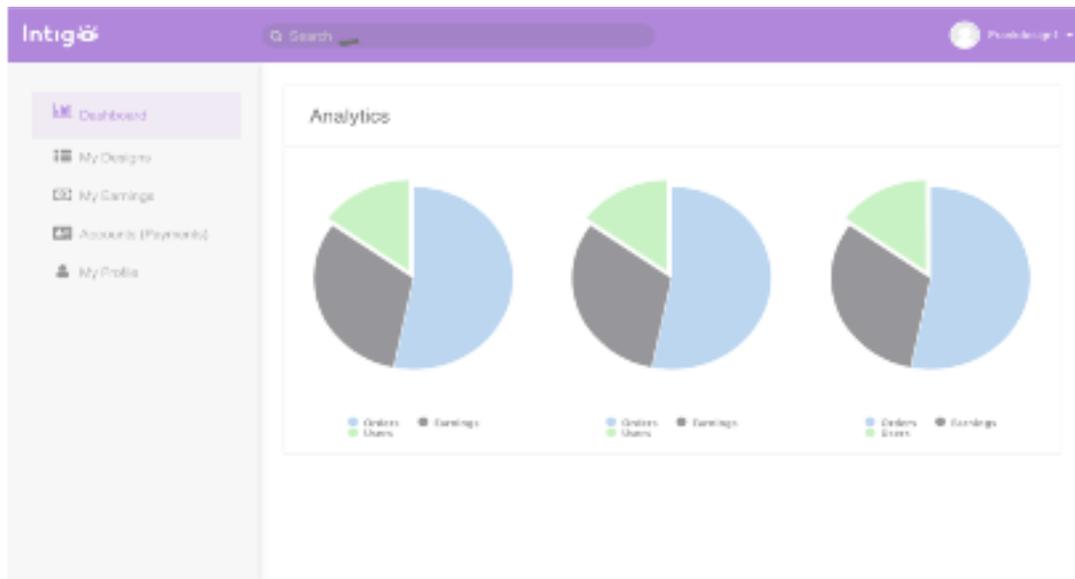
A message and instruction is sent to the printer to print the order. A separate message is sent to the designer, notifying him that his design was used and royalty paid to his Intigo Wallet.

Notice that the transferFrom() function shows that it is called as part of the printthisitem() transaction, not requiring any manual intervention on behalf of the service contract to trigger it (this also means that it will not show up as a separate transaction on the blockchain, but be part of the printthisitem() transaction), so all the payments are made automatically and deducted and credited to the appropriate parties, all handled by the smart contract neatly.

Intigo 3D Marketplace

The Intigo 3D Marketplace features a “pay per print” model that maximizes revenue, eliminates the need for inventory and lowers the cost of manufacturing.

Designer Portals



Intigo Consumer Journey

Step 1 :Consumer comes to the Intigo 3D Marketplace to shop.

Step 2: Consumer chooses product and purchases rights to print design.

Step 3: Intigo downstream process streams design (STL file) to 3D Printer.

Step 4: Printer produces product.

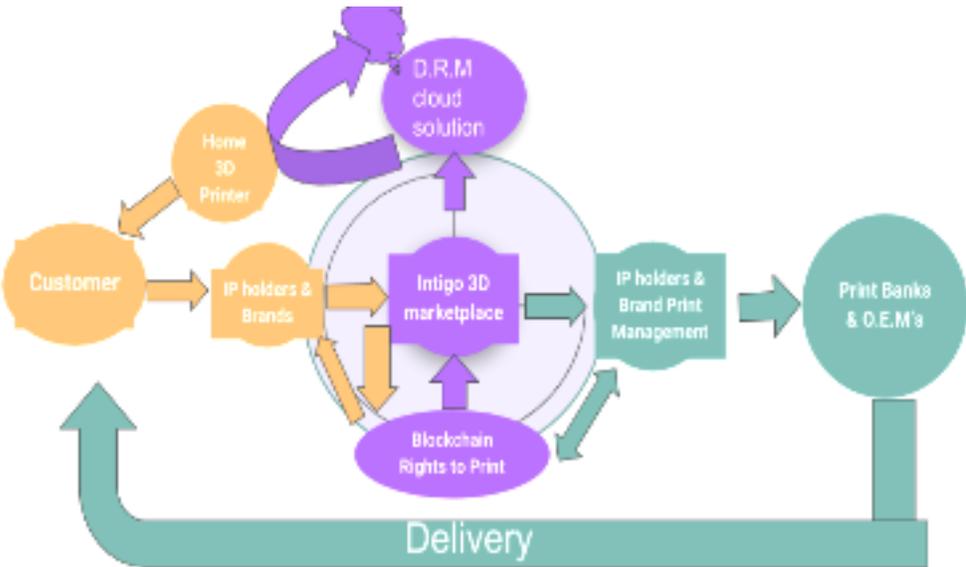
Step 5: Blockchain uses smart contracts to authentically count and pays the I.P holder/designer for the sale.

Intigo Consumer Delivery (Outsourced Manufacturing)

Step 1: Consumer shops for 3D printed products on Intigo 3D Marketplace.

Step 2: Design or material is not compatible with printer or doesn't have access to printer.

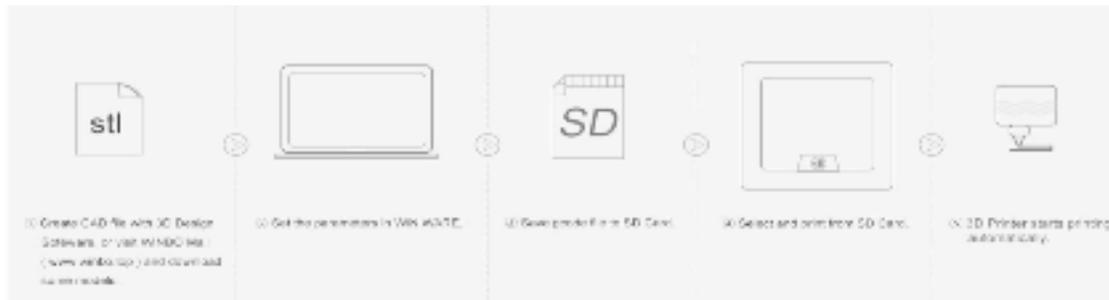
- Step 3:** Intigo 3D uses Print Management Network Solution(PMNS) to locate correct printer.
- Step 4:** Product gets delivered to consumer.
- Step 5:** Blockchain uses smart contracts to authentically counts and pays the I.P holder/designer.



**Orange & Purple are inside Intigo 3D Marketplace*



Consumer Journey in Today's Market



Step 1: Download a STL file from your computer.

Step 2: Convert the file with slicing software (gCode).

Step 3: Transfer file to a SD card.

Step 4: Put SD card into 3D printer.

Step 5: Adjust the printer bed.

Step 6: Adjust the heat.

Step 7: Adjust the speed.

Step 8: Print the design.

OR smart consumer can choose the **Intigo 3D solution** → **click to print**

(Maybe the longest time it takes is to decide what to print rather than the printing process.)

Collaboration & Market Penetration (CADPAD)

Who is CADPAD?

CADPAD is an online platform that enables people to turn their ideas into reality through 3D Printing, AR & VR technologies. This is achieved by the user uploading a simplistic sketch of their idea (No Pablo Picasso artist's required) with a description and budget.

Freelance 3D designers will then place bids on the project, which the user can view along with the designer's portfolio, once the designer has been accepted both user and designer will be placed within the online WorkSpace. The user will have access to instant messaging with the designer along with an online model viewer to track how their idea is progressing.

Once the design is complete the user's payment will be sent to the designer and they can either 3D print the model straight from the WorkSpace or alternatively download the model to be used within an AR or VR application.

How does CADPAD & Intigo 3D Coexist?

Intigo and CADPAD share the same goal in assisting in the adoption of additive manufacturing by providing easier ways to utilize the technology while ensuring the security of the principals' IP. Through this shared vision CADPAD will enable its users to utilize the Intigo marketplace while posting their designs straight from their profiles. If the user doesn't know how to create 3D models, but instead has a great idea for one they will be able to utilise CADPAD's resources in expert designers to bring that idea to the marketplace.

The CADPAD Intigo marketplace will be a model like Merch by Amazon but for 3D models, the Amazon Merch platform enabling users to upload ideas in the form of sketches to which Amazon manufactures the T-Shirts to be sold. This is providing an income for the creator without needing the resources or skills to produce the physical product themselves.

In the same fashion CADPAD and Intigo 3D will provide the skills and resources in the form of freelance designers and 3D printing bureau's to keep the innovators innovating.

Intigo Token (Function and Usage)

What is the Intigo™ token

The Intigo™ token is a multifaceted utility token that provides a new way to purchase 3D printed products. The Intigo token can be used within the Intigo 3D Marketplace to purchase the rights to 3D print a product. The token can also be used on CADPAD™, a new online design platform which connects consumers to a network of 3D designers.

By owning the Intigo tokens, individuals have the ability to purchase 3D print products or to create their own designs and have them 3D printed. CADPAD provides a platform for Intigo token owners to submit a sketch of their ideas to a network of designers who will bid on the design aspect of the project. Once a bid is accepted, the two parties work together in a secure CADPAD Workspace to complete the design. Once completed, Intigo blockchain technology will transfer the completed 3D design file and ownership of that design from the designer to the user. Once the user receives the file, the process is complete and they can print the file as they want.

In addition, the 3D designs can be uploaded to the Intigo 3D Marketplace for sale to the general public.

The Blockchain Today

Intigo 3D is a DRM solution enabling a pay per print & inventory free business model. The blockchain product will be a solution that works in tandem with such philosophy. The product facilitates Intigo token owners who want to create 3D products but don't have the technical capability.

The blockchain product will enable ordinary people to own and manufacture their ideas within days. The intigo blockchain is the trust that their ideas will be protected as they come to life, while using the intigo DRM to protect their ideas as they make money.

CADPAD 3D & Intigo 3D Partnership Functionality (User)

This partnership will allow new users bring their ideas to reality through the use of designers on the CADPAD platform and the secure 3D printing services provided through the Intigo 3D printing marketplace and 3D print bank. What makes this partnership unique is how CADPAD provides a tailored freelance system with 3D printing & design in mind, alongside Intigo's patent-pending DRM solution that ensures the design owners' concepts remain secure and protected.

The system will work as follows:

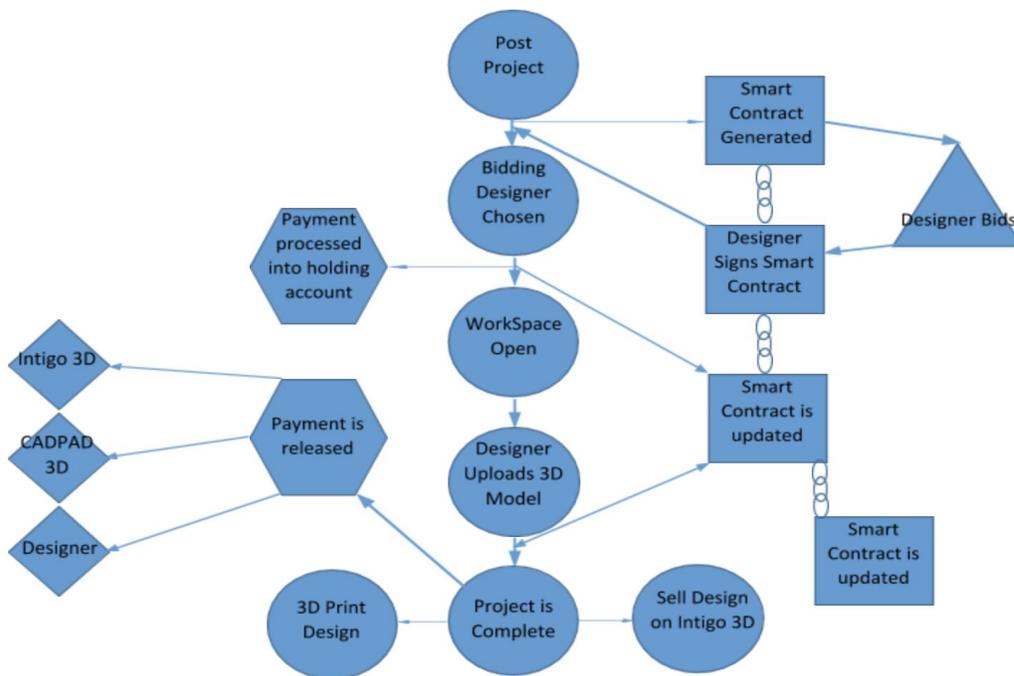
User Process

1. A User who requires a 3D design will visit CADPAD to which they will post a design project which will include the following information:
 - a. Sketch of idea
 - b. Idea description (it's use case)
 - c. Desired project budget (this will just be for the design creation which will be paid to the designer, it should also automatically add the additional fee for the Intigo token for the IPR/smart contract creation).
 - d. Select categories to which best suit the design functionality, for example a design for a game model, building architecture, modification of a device, fashion/art or engineering.
 - e. Time scale for when the project's completion is required
 - f. Select if he would like to automatically post the design on the Intigo 3D marketplace once completed (it will need to be specified that they will make a monetary return for each time the design is purchased, along with the fact the DRM system will only allow the model to be printed once for each design purchase).
 - g. Click post project
2. Once the user has posted the project, he will then receive bids from designers to which he can review the designers' profiles and portfolios in order to select the most appropriate designer for his project.
3. Once the designer has been selected, the project bid will automatically be deducted from the user's account and the fund will be placed in a holding account as escrow until the project is completed. The escrow fund will be used to purchase the Intigo tokens and to payout the beneficiaries.
4. At this point, both the designer and the user will be placed within their private WorkSpace to where they will begin communication with one and other, and the designer will conduct the design work.
5. Once the design has been completed, the user will click project complete within the WorkSpace, to which all parameters of the smart contract will be cross-referenced in order to place the model in the Intigo marketplace if needed, along with the funds being released to the designer, CADPAD and Intigo 3D commission. The user and designer will also receive a digital copy of the said contract (which will state who owns the rights

to said design and any legal formalities) to which they will be located within both user and designers profile dashboard for download at any point.

6. The WorkSpace will also house the design files for the user to download or 3D Print which again will apply the Intigo 3D token fee for the utilisation of the DRM system.

This user system will provide the automation of security that will allow innovators to concentrate on what they do best without the worry of intellectual property theft. This will also allow bigger companies to now utilise the freelance design industry more freely as they will be protected without the additional cost. Saving them on the cost of full time design employees and the purchase of expensive design software and hardware. In the end, making it cheaper, safer and quicker to innovate than ever before.



CADPAD 3D & Intigo 3D Partnership Functionality (Designer)

Designer Process

1. A designer who signs up to CADPAD 3D where they will be able to create and customise their profile, to which it will contain and show to other members:
 - Name & Email
 - Capable software
 - Designing field
 - Pictures and description of previous projects to date
 - Intigo 3D profile link (this will be for the purpose of quick access to purchase designers' previous designs, could be a simple link or API installation for seamless browse and purchase within same site)
 - Profile pic and CV
2. The designer is now able to add their bank details for payments and any digital wallets they may have for crypto payment (Intigo coin) (upon the activation of their Intigo 3D account they will receive some ITO as the complimentary seed to encourage growth)
3. They will also be able to create a digital signature if do not already have one (this will be used in order to sign any smart contracts or NDA's when they bid on a project)
4. The designer will now be able to browse through the posted projects and place bids, the designer will only be able to see the projects they have capabilities to which will be based on:
 - Rating
 - Design field
 - Software capabilities
 - Whether or not they have the cloud system access for more sensitive/premium projects

(Additionally, the designer will be able to subscribe to the cloud system and select the 3D modelling software they desire to use)

5. Once they have an accepted bid onto a project they will be then have access to the online WorkSpace, from here they will be able to communicate instantaneously with the user and view any sketches or pictures the user may additionally upload.
6. The designer will now also have the ability to upload any 3D models that are part of the project, alternatively if they are using the cloud system the 3D model files will automatically save on the system.
7. It is at this point when the designers bid is accepted, the smart contract will be signed and the payment will be held in the holding account until the project status is complete.
8. Once the project status is complete, the user will now be able to download the model (if they are not on the cloud system) to which they will also be able to select the printing method and how many prints (this will then go through the Intigo system which a fee will be applied that will consist of the ITO coin). They will also have the option to post the design for sale within the Intigo 3D marketplace to which they will state the price per print.

9. The funds will also be transferred to the designer's wallet minus commission (the designer could also have the option to receive part or a percentage of the payment in the form of ITO coins, to which these will be debited at the current market value).
10. With permission from the user, the project will also be shown in the designer's profile portfolio automatically, this will only display partial information of the project:
 - Project description from the post
 - Time taken
 - Software used
 - Project post pic and an isometric view of the design
11. The designer will also have the ability to upload and post designs to the Intigo marketplace via their profile (this could be a possible feature as to enable a seamless and fast way to populate the marketplace, could be an idea to state on the design post in the marketplace that it was posted by a designer from CADPAD 3D).

How does CADPAD work with the Intigo DRM solution

Intigo's DRM solution will work as follows within the CADPAD platform:

1. User will fill out a job request specifying:
 - a. Picture of sketch
 - b. Design description
 - c. Budget
 - d. Project deadline
 - e. Do you require it 3D printed
 - i. How many 3D prints are required
 - f. Do they wish to re-sell model on the marketplace
 - i. How much for model
2. Smart contract is written automatically and job request is posted
3. Designer bid is accepted
 - a. Smart contract is signed on behalf of designer through the Intigo system
4. Workspace opens and work commences on design
5. User states the job is complete
 - a. Design passed through Intigo DRM and produced a protected design file
 - b. Protected design is uploaded to the users profile on the Intigo marketplace
 - c. Specified 3D printing bureau receives order
 - d. Designer receives payment
 - e. User receives email receipt of work and signed IP contract
6. User receives 3D prints and all IP and 3D models are secure

Blockchain and 3D Printing:

An Unlikely Combination for Successful Implementation

If 3D printing is to expand beyond where it stands today, large-scale digital manufacturing networks will need to be built.

Once a proper infrastructure is in place, Blockchain could play a central role in aiding protection of intellectual property and manage the licensing and payment process. When used strategically, the cryptocurrencies enabled by Blockchain could assist in providing a new source of funding, enabling more capacity in the right places, faster.

Intigo 3D has created a proof of concept with its Utility Patent for an inventory and distribution system for 3D design files. Intigo's D.R.M solution protects the digital file through a full business process creating a pay per print business model. This means we can begin to eliminate inventory for large and small businesses while allowing consumers to pay just for the design and print their products at home.

The Intigo 3D marketplace is geared towards enabling 3D printing to the immediate market today. Printing full products from scratch is still a working technology. Intigo 3D believes that 3D print technology can deliver high quality accessories to existing products today. The Blockchain is meant to protect the brands by ensuring accessories can't be swapped or shared between parties.

The Blockchain is meant to give the designers a new twist. They upload their accessories to the manufactures' blockchain for their customers to print. Intigo 3D focus on giving designers verticals to design for with existing customers.

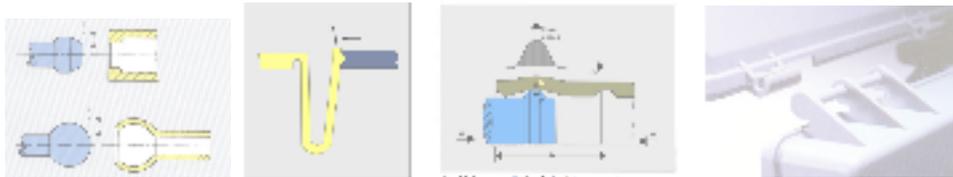
The consumers are coming to our platform to simply accessorize their favorite products with 3D printers.

Blockchain Business Case

Intigo's primary goal is to protect the IP holders interest while monetizing every print in a secure manner. Intigo will utilize the Blockchain to apply the DRM to our consumer website. This speaks in reference to accessorizing manufactured products. Designers upload designs to the appropriate channel of products (brands) they want to accessorize. With the design being processed by the brands blockchain upon request by an purchase order, Intigo Platform validates the whole process and then make sure both parties are compensated authentically. The DRM generates a unique pair of keyway code for the design file each time it is called upon, so that the design file sent to the 3D printer cannot be used again to print. The Blockchain

requests the keyways and validates the purchase of the prints if necessary permission has been given including the satisfaction of payments. Ex. Two consumers print the same model airplane. The product assembled is the same once put together. If the consumers buy new accessories such as a propeller, wings, engine etc. those products would only assemble into their original model, and only their model. This allows brands to get paid everytime someone customizes their products, knowing full well nobody can accessorize them without their permission while on our platform.

Keyway Options and Examples



Step 1: User clicks to print

Step 2: DRM Solution streams file to the printer

Step 3: DRM generates a new pair of keyway codes

Step 4: Blockchain validates payment from customer and requests the keyways from DRM

Step 5: Blockchain authorizes print procedure and processes on public ledger, send the final two assembling pieces of code to customer's home 3D printer or to a print bank

Step 6: Consumer accessorize manufactured products

A second use case is for authentic counts. As an example, when uploading music on iTunes® the copyright owner puts his trust in Apple® to correctly report how many times his item is downloaded. Using the Intigo 3D platform, the Blockchain ledger will list the transactions of physical products (G-code) that were purchased and produced for the end user.

The DRM solution (inventory & distribution system) coupled with an authentic count mechanism allows the principal to have full control of his design and get paid every time a printer head moves to produce that design.

The Blockchain allows designers to upload accessories to the manufactures' products, thus enriching the possibilities of variations on the products, hence an overall expansion of creation and consumption.

Why ERC20 Tokens?

We believe Ethereum Blockchain is the right choice to rollout the Intigo token (ITO). We view the Ethereum platform and its solidity-based smart contract capability to be the most mature and enterprise-ready for the client-base we serve. We can see Ethereum has exceptional support in the market and is extremely proactive in keeping the platform secure and operational. ITO is an ERC-20 compliant crypto token built upon the basis of the Ethereum Blockchain. ERC stands for Ethereum Request for Comments. Enterprise Ethereum Alliance (EEA) released technical specifications for the Ethereum-based tokens in 2015. These tokens will function exclusively on the Ethereum Blockchain.

Tokens which adhere to the conformations as specified by the EEA are known as ERC20 tokens. These are essentially smart contracts which function within the framework that are set by the Ethereum team. The framework is broad enough to allow developers who can modify the design and the functionality of these tokens. The majority of tokens that are offered through ICOs on Ethereum are ERC20 compliant. The ERC20 standard which has six functions and two events was created predominantly to allow operations within these applications, exchanges, and interfaces. These functions describe on how these tokens can be transferred and how the token related data can be accessed.

All ERC20 compliant tokens have the same functions. For instance, an individual can create a token exchange system that will allow an individual to add new tokens quickly to the platform the moment they are released. The result involves less risk, increases uniformity, reduces complex functions and increases the liquidity of tokens. A successful ICO will have their ERC20 tokens traded on exchanges without any communication between themselves and the exchange developers.

Difference Between Cryptocurrencies and ERC20 tokens

Despite the variable differences, cryptocurrencies and ERC20 tokens are both similar concepts. But it should be noted that these terms cannot be used or interchanged. Cryptocurrencies are the latest and most advanced form of digital money. The currencies are digitized and completely encrypted through cryptography. They exist in virtual ledgers which are distributed on decentralized blockchains across the world. Cryptocurrencies even run on their own decentralized blockchains.

Tokens on the other hand usually represent an asset or utility and they usually are present on the top of the blockchain. They are usually tradable goods and will represent coins, loyalty coins and even in-game assets. One of the advantages with these tokens is that they can be redeemed for any service. Tokens are issued on blockchains like Ethereum and Waves. Currently, the most widely used tokens are Ethereum ERC20 tokens.

Advantages of ERC20 Tokens

ERC20 tokens are one of the most common types of token currently available on the market. Aside from the developer's point of view, ERC20 provides the following advantages to the end users:

- Fast and streamlined transactions
- Quick confirmation of transactions
- Reduced risk of contract breaking
- Improved security
- Lower fees
- Expert ability to handle incoming transactions in smart contracts

Functions incorporated in ERC20 will assist the Web client to interact with the token and Blockchain more efficiently.

Customization Aspect

One of the great advantages with ERC20 tokens is that it can be customized to enable the following features:

- Automated buying & selling: You can assign a token's value to that of another token or currency by creating a fund that you can automatically buy or sell in order to maintain the balance.
- Auto refill option: Transactions conducted on the Ethereum Blockchain requires payments to miners in 'gas'. You can strategically program your token to auto refill 'gas' for future transactions once it goes down to a certain level.
- Token freeze: If instructions from a regulatory authority ask you to freeze the circulation, you can freeze the tokens, and unfreeze them whenever you are authorized to do so.
- In addition, centralized mint to modify the number of tokens in circulation can be added if needed.

Intigo 3D Developmental Process

The main focus with our intellectual property is protecting a design completely through a full-fledged total digital solution. While Intigo 3D will have its own marketplace, we also allow large IP holders to leverage our DRM using approved SDKs.

Stages of Developmental Process

Stage 1

This is a relatively new process which is completely not consumer or business friendly. In this process, the hardware companies understand the concept and innovate to build more reliable machines. Hardware companies are not following the digital model, but in fact trying to not fall in the same pits as the 2d home-printer market. We understand the maker model and community is open source, but so is Apple, and they still had to approve your app before it goes live in the app store. Designers are creating strong products, but do not have the protection or authority to commercially sell branded products.

Stage 2

Hardware companies were never satisfied with their products, and have remained a closed source. But with the advent of disruptive technology, other manufacturers are offering price points up to 30% less than the original manufacturer. Moreover, it should be noted that most of these FDM printers are a glorified glue gun; the skin of the machine is where costs begin to rise.

We assumed that some of the bigger players were creating a network or a print management network solution for their fleet. If so, we would be able to plug in and support the printer, but we noticed there is very little communication going in & out of the printer. We see this as our primary opportunity to breach the market by building network solutions.

Our market penetration strategy will be to bridge that gap for hardware companies looking to disrupt, or for larger players to enable brands and leverage their consumers vs. the college technology consumers.

No printers are automated, so each print requires the consumer to adjust heat, bed level, slicing software, nozzle heat, and other tasks that an everyday consumer doesn't want to deal with. If the printer can read one design over and over, rather than multiple versions, automation becomes possible.

Our IP has the opportunity to cast a wide net by adding an effective print management network solution with a D.R.M play. We specialize only in software and interfacing with the consumers. We know by networking printers together and having them communicate will begin to automate those existing tasks. This will allow our customers to just click on what they want to print.

Stage 3

We built a highly innovative solution that the market has yet to catch up with, but notice that we are capable to help accelerate hardware manufacturers' development by offering them support on elegant interfacing with their printers.

Our execution on this vision is dependent on the community built with our ecosystem. The last step to our consumer market place is to build the Intigo Blockchain.

Future Potential

3D-Printing in recent years has often been referred to as Additive Manufacturing (AM), has worked its way into numerous domains, from amusement and fashion to transport, healthcare, and even food production. Many people even perceive that AM will revive the manufacturing industry, by allowing it to compete with low labor cost countries. However, this is still early to predict, but, there is no doubt about the tremendous potential of AM, which is all set to disrupt the entire industry, including the traditional manufacturing processes, product life cycles and supply chains.

One of the first adopters of AM is the Aerospace and Defense industry, where AM was used in the early 1980s to produce prototypes helped accelerate the development cycle. Today, AM is being used to produce parts that are used in mission-critical operations and thousands of printed parts are currently flying in Airbus airplanes.

Perceived Implications

Despite being an exciting development in the high-tech industry, AM is beginning to raise a few serious questions. For instance, 3D-printers could be manipulated to introduce hidden flaws in parts. The ease with which many could modify open-source models is great for encouraging creativity, but it also has serious implications. Cybercriminals can modify these models for use in critical infrastructures. Not only would it cause excessive economic damage, in the worst-case scenario, unregulated usage could result in physical damage or even the loss of human life.

There are two different aspects concerning security in additive manufacturing.

Firstly, how independent designers ensure the altering of 3D files? Needs more introductions of deliberate flaws, or modify printer control parameters – is controlled and eliminated?

Secondly, how to manage the IP contained within the 3D files? How can the IP of designs be protected to not allow printing without payment or permission? Could the copyright be assured through designs that cannot be copied by scanning them? And finally, how can we regulate dangerous items – such as weapons which could be illegally downloaded and printed? These are the two questions that always linger in the minds of 3D printing companies.

In order to overcome these hurdles, we have deployed stringent security measures to protect the Digital Thread of Additive Manufacturing (DTAM) through its various stages of development, and data flows. At each and every stage of the DTAM process – from designing, scanning, CAD file creation, through to the inspection part, data could be at risk of compromise.

In searching for a solution to this challenge, we at Intigo 3D have successfully tested a Proof of Concept model for our Digital Manufacturing Platform. Our immense knowledge in blockchain technology allows us to ensure the protection of IP Rights of designs. It provides complete traceability and control of the subjected transactions, including the use of models and controlling the number of prints. Utilizing our excellent security mechanism, the 3D printing process of a critical part can be restricted to pre-validation and usage of certified printers. The production process could be monitored using real-time information sent from the designated printer. These tools enable us to create a scenario of trust in the manufacturing segment of spare parts and personal consumer goods which seems like a rarity these days. We have no doubt that our innovative technology will improve additive manufacturing industry and help this technology to mature for the future.

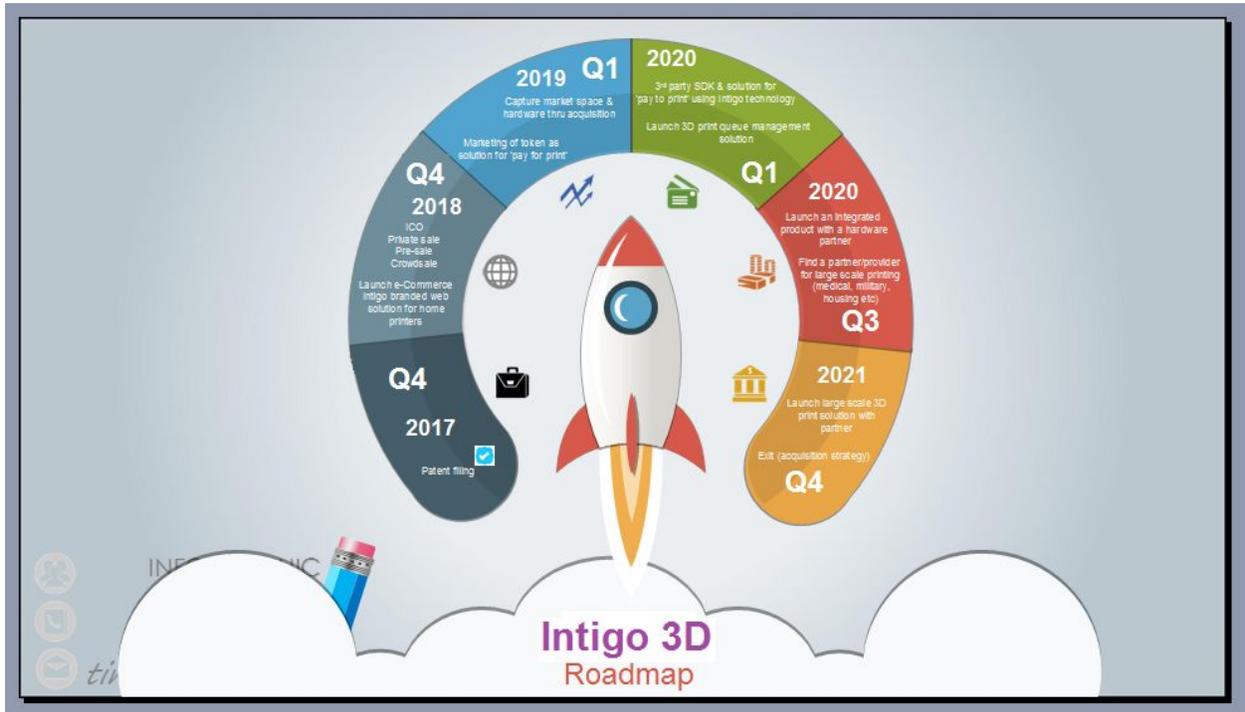
It is absolutely vital for any 3D printing processes to have file integrity and traceability. Our specialization in blockchain technology will effectively help with. Earlier a seamless strand of data helping in all aspects of the 3D printing workflow, from conceptualization and design to the final production, was completely non-existent. But we at Intigo 3D have integrated blockchain concepts into manufacturers' design digital databases, thus allows the product's workflow and security to become stronger and more effective.

This integration has definitely enhanced the factory produced digital products, allowing the Intigo 3D consumers to organize their data in a safe, high-level manner across the 3D printing workflow. It also provides significant data audit, governance, provenance, and validation.

The technology can even track the original source and alterations in every design file to make sure that intellectual property and integrity is being upheld. The Blockchain can also offer help in the supply chain and logistics section, as every single part could be tracked once shipped.

According to the IDC, global spending on 3D printing technology is expected to have a significant five-year compound annual growth rate of 22.3%. As revenues have the potential to hit \$28.9 billion by the year 2020, there will be a lot of hurdles to face. With Intigo 3D's newly integrated blockchain technology, one can hope that the growth and survival of industrial 3D printing adoption will increase in the near future.

Road Map



2017 Q4

Patent filing

2018 Q4

1. Private sale
2. ICO pre-sale
3. ICO crowdsale

2019 Q1

1. Capture market space with acquisition & Token adoption with Designers
2. Marketing of token as solution for 'pay per print' to consumers
3. Continuation to intellectual property

2020 Q1

1. 3rd party SDK & solution for 'pay per print' using Intigo technology
2. Launch 3D print queue management solution

2020 Q3

1. Launch an integrated product with a hardware partner

2. Find a partner/provider for large scale printing (medical, military, housing etc)

2021 Q4

1. Launch large scale 3D print solution with partner

2. Exit (acquisition strategy)

Scenarios Affecting the Pace and Scope of Development

Soft Cap at \$300,000.00 Reached

- Since Intigo 3D is already established for 2 years and equipped itself with basic business structure & software to run current operations, it takes just a small amount in relative terms to continue to develop and build on the proposed incorporation of our DRM into blockchain. Unsold tokens will be moved to a reserve where those tokens will be used for airdrops or other promotional forms to bring in many more users to our platform to help build a critical mass for market domination. ICO token holders will be given a certain percentage of the airdrop proportional to your holdings. We always appreciate your trust and support, and we are dedicated to reciprocate. We will only use our company reserve tokens to raise funds along the way when needed. We already have our MVP(minimum viable product): [link](#), and we will build on top of it with more funds raised.

2 Million Reached

- Full fledged Intigo 3D blockchain system will be completed with our intended blockchain software development partner. We already identified and in discussion with partner candidate; name to be disclosed once agreement has been made during the course to ICO.

10 Million Reached

- Full execution of 3D hardware project will be done as we have needed capital to spend on hiring more in-house software engineers to work on more types of 3D printers, and sales force to promote the 3D hardware products.

25 Million Hard Cap Reached

- We can carry out our market penetration strategy by aggressively partnering with more related companies like 3D printers to expand our reach to the manufacturers and retail 3D printing shops, and improve our reach to users on the Intigo 3D blockchain platform by having many more physical shops near them. We can cover USA, Canada, England,

Germany, France, Switzerland, and a couple more countries in Europe and Asia within a year to two.

Why Intigo 3D Token (ITO)?

Intigo 3D Token (ITO) is the native cryptocurrency that powers the Intigo 3D Marketplace, and ITO can be used to purchase the subscription to use the service, as well as for internal transactions. The Intigo token functions as a utility token. The purchase of the token during the ICO provides the opportunity to its owner to use internal services and gain access to the entire infrastructure of the Intigo platform. ITO contains transaction value. It may be transferred, traded, donated, sold to a third party, or to counterparty, and purchased on relevant exchanges. This transactional mechanism increases the potential market value and liquidity of ITO. ITO is issued on the basis of the Ethereum blockchain, and it is ERC-20 compliant. Demand for the ITO will be fuelled by the ever-increasing demand for it as transactions on the Intigo 3D Marketplace continue to grow. Why?

- The Intigo 3D Marketplace is possibly a ‘first of a kind’ to the 3D printing market, a truly disruptive, incentivizing consumers, designers, and 3D printers that stands to disrupt the traditional purchase/delivery practice.
- ITO is required to utilize the Intigo Platform technology and infrastructure.
- ITO enables a decentralized, fair and secure platform for order execution.
- This sector of blockchain space is relatively new, less competitors, and ITO has a much better chance to establish itself as a leader and later become a dominant force in the 3D printing industry.
- This project is a solid use case for IoT meets blockchain, and the market is growing rapidly.
- The rewards program built into the Intigo 3D Marketplace allows improved motivation of consumers using the system, and releases the 3D printers from running their separate rewards campaigns and saving substantial marketing budgets for 3rd party marketing agencies.
- The Intigo 3D platform allows the launch of scalable individual reward programs, all fuelled by the ITO and handled handily by smart contracts.
- In North America alone, there is \$100Bn of unused loyalty points stored in loyalty programs. This wasted potential can be tapped to transform passive and bored customers into brand supporters by exchanging those idle points for the “ready-to-print” ITO.

- Existing loyalty (technology) platforms, itself a \$4Bn market can be converted from points to branded tokens, and swapped them for ITO, making ITO a gateway token.
- Ease of conducting transaction audits within the platform.
- Reduction of commissions on currencies conversion and transaction on the payment process (particularly on very large amount transferring across borders).
- Transactions safety: ITO is designed with the aim to increase the safety of internal transactions between the counterparties (consumers, designers, and 3D printers) of the platform. The smart contract, integrated into ITO, allows configuring the flexible parameters of each transaction (for example, if a customer does not receive the ordered product within a specified time, the smart contract algorithm will automatically either offer a certain rebate from the 3D printer or cancel the payment. All data (product, material used, number of prints, delivery schedule, and so on) of orders are encoded in a smart contract and stored in Intigo's decentralized ledger.
- Security of rights of the intellectual properties: Licensed designs can be tagged in a smart contract and be introduced to certain conditions for its use. Intigo platform's smart contracts embed the licensing details on the created units of content (design files as provided by a brand or a designer). The conditions of use of this type of files are configured properly. For example, geographical restrictions or temporary limitations are included in the smart contract. This is particularly important in the case of operating with other geographical regions and taking into account on local legislation. This also applies to highly sensitive parts used in weapon systems or extremely advanced engineering products. The system automatically checks compliance of the license and its conditions to the actual facts of final delivery. Restricted prints purchases will automatically activate verification on identity and conditions of the license.
- Secure storage of digital assets.
- Ability to scale the system to millions of users.
- Recurring & scheduled payments for orders can be easily accommodated by adjusting the flexible settings in the smart contracts.
- On-going marketing campaigns to ignite initial traction and to promote mass adoption of the token.
- ITO is a community building token where it brings 3D printing enthusiasts, designers, and 3D printers together to advance the 3D printing industry.

- ITO is a cryptocurrency thus allowing it to be traded on exchanges or between peers, and this trading mechanism increases ITO's liquidity.
- Industry experts, blockchain scholars, and seasoned marketing managers share our vision that the Intigo 3D's blockchain concept will fundamentally change the 3D printing industry in terms of payments, inventory control, and machine utility.
- Intigo 3D has been in business for 2 years with solid work, the blockchain project is going to stay and prosper. Unlike other 90% (maybe) of ICOs which are just white paper ICOs, and they have no product/prototype even after a year.
- Our team has proven experience in building top tier digital products and solutions for companies.
- A self-regulated approach minimizes the risk for any owner of ITO.

With all the aforementioned advantages of ITO, we can confidently say that our blockchain project contributes to the transformation of the 3D printing industry in a measurable and disruptive way.

Intigo 3D Token Sale Event

The Basics

Total token supply 900,000,000

Tokens for sale during ICO 360,00,000

Token sale date Q4 2108
tokens

Soft cap at \$300,000.00

Hard cap at \$25 million

Pre-ICO private sale USD 0.040/token
Capped @ 80 million tokens

ICO presale stage 1 USD 0.060/token
Capped @ 70 million

ICO presale stage 2 USD 0.070/token
Capped @ 50 million tokens

ICO crowdsale D1 USD 0.080/token
Capped @ 70 million tokens

Token Allocation

Tokens sold 360M (40.00%)
0.090/token

Intigo strategic capital reserve 490M (54.44%)

Intigo team 30M (3.33%)

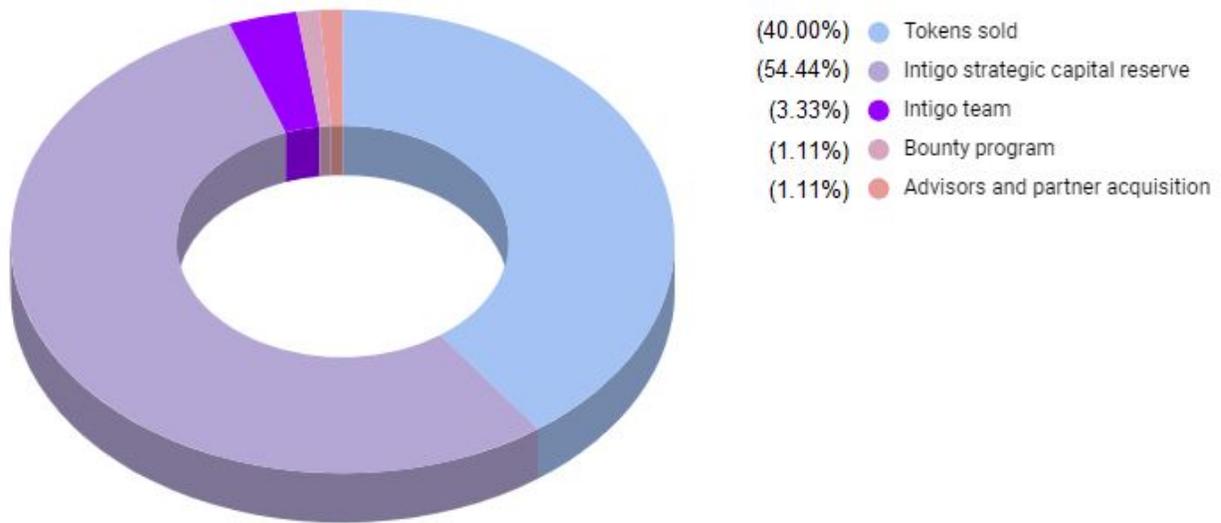
Bounty program 10M (1.11%)

Advisors and partner acquisition 10M (1.11%)

ICO crowdsale D2 USD

Capped @ 50 million tokens

ICO crowdsale D3 USD 0.100/token
Capped @ 40 million tokens



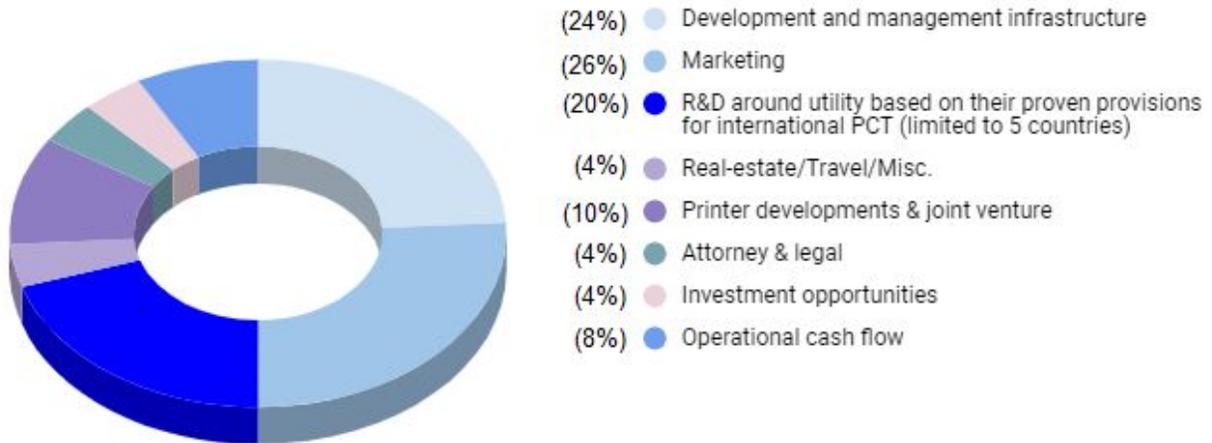
**Unsold tokens, please see Q/A for detailed information.

Funds Allocation

Intigo's goal is to build a robust e-commerce solution that will enable large IP holders to enter the marketplace. The first funds will be allocated to the Intigo development and operations.

Our development is needed to co-develop at the same capacity as our potential hardware partners. Fast execution time is needed to meet the demand. So, our major resources will be devoted to software development and partnership with 3D printers and individual designers as well. It is imperative for Intigo 3D to deliver the promised blockchain platform in a very short time to lead the industry and corner the market. We also stress that having a critical mass of users on our platform is paramount to success. We will have a dedicated force to aggressively enroll new users to our platform. We understand that a successful blockchain project is still 80% business and 20% technology model. Funds are appropriated properly and accordingly in the following chart.

Funds Allocation



Pre-Sale Token Opportunities

Intigo 3D token ITO in total will be capped at 900,000,000 tokens. Intigo 3D is selling 360 million tokens while Intigo 3D retaining 490 million tokens for strategic capital reserve. 10 million tokens dedicated to Bounty Program to bring in the awareness of the Intigo 3D Platform and nurture loyal participants to the ecosystem. 10 million tokens allocated to compensate advisors and for partner acquisition. The goal for Intigo is not to leverage our technology and create champagne problems, but to simply just ask for what we need to achieve the goal.

Unlike many token sales, Intigo 3D was created two years ago to prove our patent for a future 3D print market where IP holders and individuals could capitalize on. It was not until we finished filing our patent that we realized our Intigo Digital Wallet which holds designs, would also hold commercial value that blockchain could leverage transaction authenticity for business cases. Thus, we would issue token ITO to raise funds to expand our reach into the over \$22 billion 3D printing market.

As early adopters to the Intigo 3D Platform, we greatly appreciate you share our vision, trust and support for our project, you are given a very favorable deal on the ITO in our private sale. You pay only \$0.04 per token, a 40% to 50% of the price of the token on crowdsale. This is one of the steepest discount in the ICO space given to early adopters as we feel that you should be rewarded greatly as pioneers in this sector of blockchain technology. Only 80 million tokens are offered at this price. Then comes the 50% bonus on the average crowdsale price at \$0.06 per token, and the supply is capped at 70 million in Stage 1 Pre Sale. The next level down is still very favorable at around 80% of the average crowdsale price in Stage 2 Pre sale, capped at 50 million. So, if you are a 3D printing hobbyist or enthusiast, buy the Intigo token ITO as early as possible to lock in the fantastic prices. Come buy some ITO and join our community and make

us strong! **AND TOGETHER WE GROW!** You may visit our Intigo 3D page for more details:
Intigo3dblockchain.com/ICO.



