Origami Network

“A protocol for building decentralized marketplaces using the Ethereum blockchain“

Whitepaper v1.3 | Subject to change

2018-02-26

More informations on :

https://ori.network
https://review.ori.network
https://payment.ori.network

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1. Executive Summary

Today's evolving blockchain technology allows companies to run marketplaces (B2C or B2B) for faster and cheaper than ever.
But there are still problems with the current atmosphere.
For one, the speed and cost by which online marketplaces are developed and run can be improved.
Secondly, at this moment in time, escrow payments are still very expensive and far from accepting crypto-currencies as payments.
Lastly, the review process for online marketplaces contains several major flaws that must be addressed before marketplaces can be truly decentralized.

Origami Network is an all-in-one decentralized protocol that solves several existing problems related to online marketplace development and maintenance, escrow payments, and reviews.

The Origami Network has a working product and several customers already on board benefitting from its technology. The Origami Network is based on three self-sufficient platforms:

- Origami Marketplace
- Origami Payment, and
- Origami Review.

These **complementary platforms can be used in a modularized fashion or together.**

The Origami Network is the only Blockchain-Powered protocol that builds decentralized online marketplaces faster and easier than current models allow, while also utilizing blockchain-based escrow payments and improving review systems. The result is faster, easier, cheaper, and more reliable marketplace experiences for both consumer and business owner.

Decentralized marketplaces allow to redistribute value to the people who actually contribute the most value in the network.

You can follow our project on:

https://ori.network.
https://review.ori.network
https://payment.ori.network

2. Summary

The Origami Network protocol is a **protocol** for **building decentralized marketplace.**

The main idea of this protocol is to give to our clients (eg : companies that want to launch their online marketplaces or sharing economy platforms, major accounts who want to build their online marketplaces) the ability to build their online marketplace easily and get the benefits and power of the decentralization through the Ethereum Blockchain.

2.1. Problems the Origami network solves

The main problems targeted by Origami Network are:

- Fees on the centralized escrow payment systems are usually high, and cut the margin of the marketplace operators. **Origami Network will reduce these fees, thanks to the ORI tokens.** More informations on fees can be found on chapter "Reduced Fees".

- Customer reviews are a huge problem in the online marketplace industry. We need to give back the power to the customers and sellers through a **more secure and trustworthy review system**. Decentralization will make this possible through: **An unbiased system in which fake reviews are impossible and moderation transparent.**

- Shipping is also a big issue in the online marketplace industry. We will secure the shipping tracking retrieval through Oracles to avoid these issues. For example returned or not sent packages will trigger an automatic refund to the customer.

- Payment disputes : as on server-centric payment, sometimes there are problems with refunds, or payments. With the Ethereum blockchain we are resolving those issues.

2.2. What is the blockchain marketplace

Blockchain Marketplace is a decentralized peer-to-peer network that directly connect consumers and sellers without any intermediaries.

BLOCKCHAIN-BASED MARKETPLACE	TRADITIONAL MARKETPLACE
Origami Network Origami Marketplace + Origami Payment + Origami Review	Traditional Platforms Amazon or Airbnb
Network Model Decentralized. Supported by users	Owned and regulated by a third party
Direct payment by cryptocurrencies with Origami Payment and offer low fees	Personal information is required and can be hacked and stolen
Payments are instant and don't require any intermediary.	Traditional marketplaces lack transparency
Validation by network prevents security problems.	Payments go through third-party financial services with high fees
Personal information isn't required Smart contract are unbreakable and executed automatically	Charges a percentage of every transaction (example Amazon ~15%) Must comply with terms set by the third party
Origami Reviews will decentralize reviews management and improve the reputation management system of sellers on any marketplaces.	Manipulate reviews, post fake reviews, delete negative reviews, or post negative reviews on their competitors' pages.

2.3. Why Ethereum

We have chosen the Ethereum blockchain because of those different benefits :

1. ERC20 token standard that can be easily used on wallets and exchanges.
2. We know that scalability as it is a major issue of the Ethereum blockchain at the moment, will be enhanced regarding the technical roadmap of Ethereum chain.
3. We can connect to decentralized oracles on Ethereum to get informations from real world APIs (such as carriers…). We have many more use cases to develop on this particular point.

2.4. About our company

2.4.1. A team with experience

Our three co-founders are entrepreneurs since 2012 and worked during 5 years in the trading and financial area (Customers: NYSE, NASDAQ, Euronext…)

2.4.2. Backed by two French banks

We are backed since January 2017 by two french banks, CIC (sixth biggest French bank) and BPI France (An investment bank).

2.4.3. Proven Track Record

Already have several customers. Our greatest advantage is that we have existing customers that will quickly join our platform.

2.4.4. Huge potential

Sales on online marketplaces cross $1 trillion in 2016 yet they still have to solve a lot of problem inherent to centralized marketplaces [1].

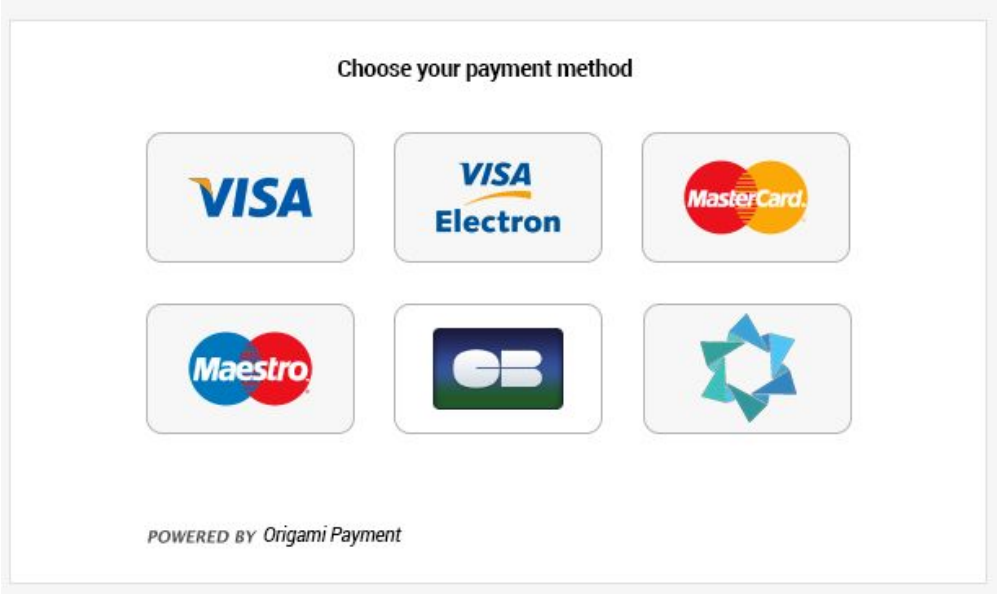
[1] https://www.digitalcommerce360.com/2017/07/11/sales-marketplaces-grow-22-2016/

3. Use Cases

In this part we will present to you several use cases of Origami Network.

3.1. Online Payments

Origami Payment is a decentralized payment system powered by the Ethereum blockchain with decentralized escrow for secure payments.
Using the power of the **Ethereum smart contracts** technology, escrow payment management is automatized, and no third-party is needed to control the flow of money. The result is lower fees than any other escrow system (cf 4.2.6.1. Reduced fees).



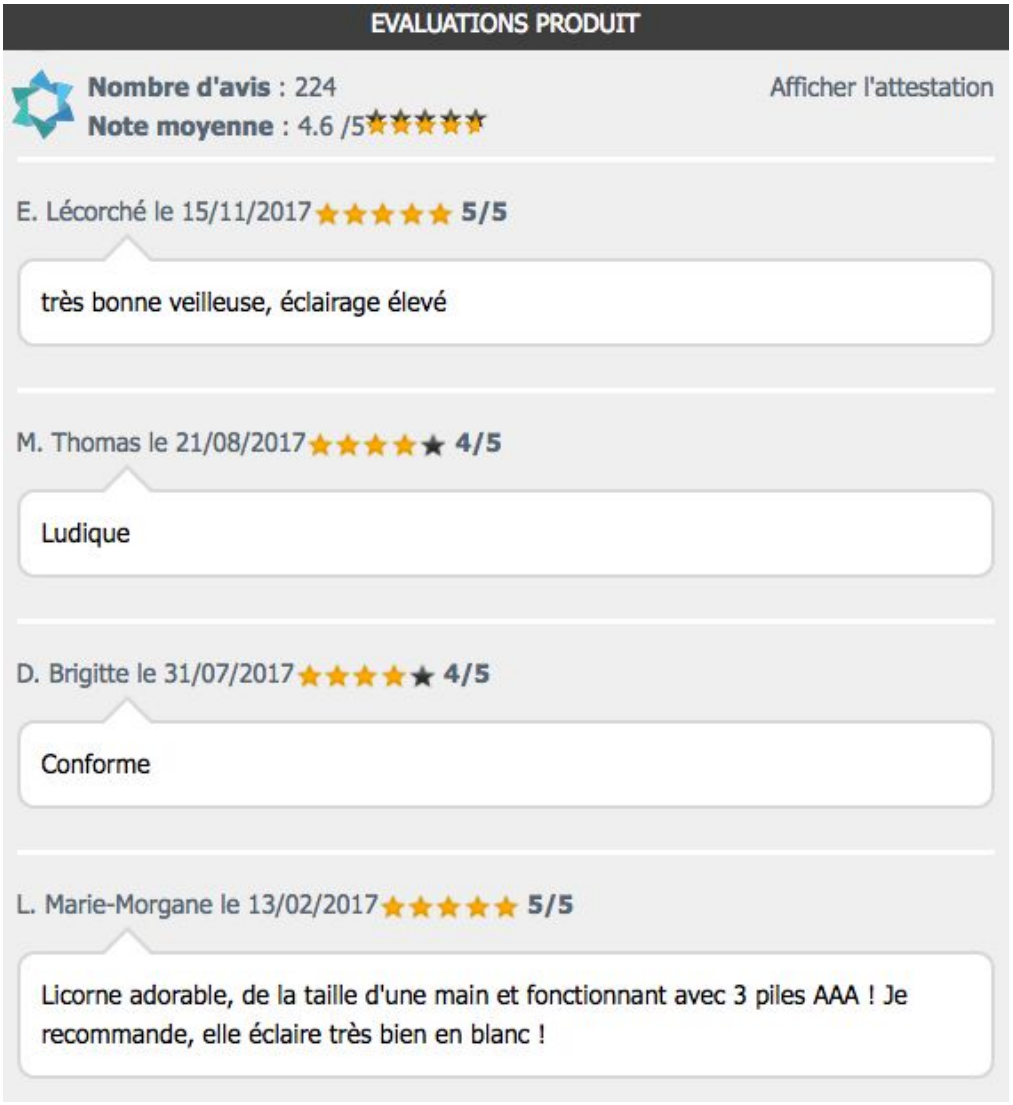
3.2. Decentralized reviews

User reviews have a dramatic impact on the level of trust on marketplaces.

This is a **major challenge of marketplaces as they scale** akin to the 5-star problem Uber drivers encounter—skewing results until they are unreliable as metrics of actual service or product. (source)[2]

Origami Review will solve this major problem with a blockchain-powered review system.

Every review is authenticated, and solely users who have conducted a prior transaction can post reviews. They do this by signing with their own private key before posting their review.
Also, a review can be posted only when the order is delivered (information from Oracles).

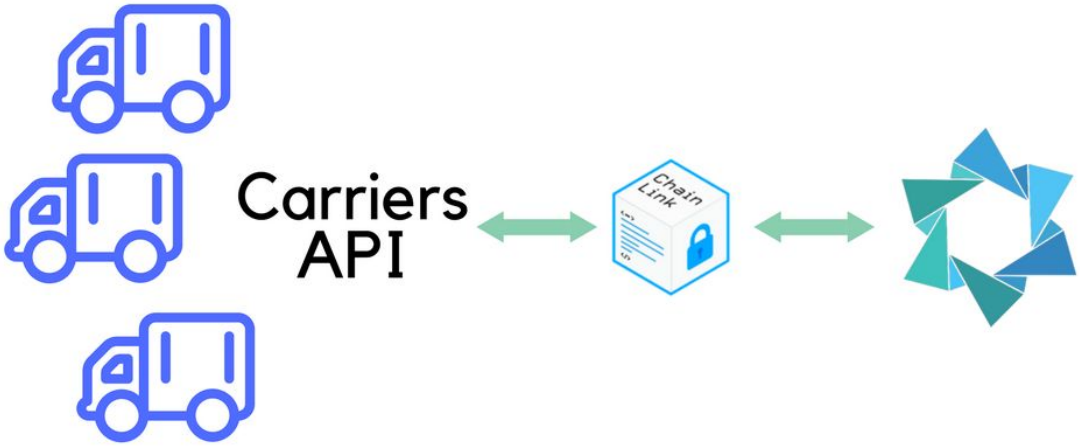


[2] https://www.vogue.com/article/uber-how-to-get-5-stars-rider-rating

3.3. Secure shipping management

Origami Review will check the shipment tracking code on the carrier of the order APIs using Oracles (for example Chainlink).

Oracles easily connects the Origami Review smart contracts and critical external data from carriers.



4. Origami Network Protocol Modules

4.1. Origami Marketplace

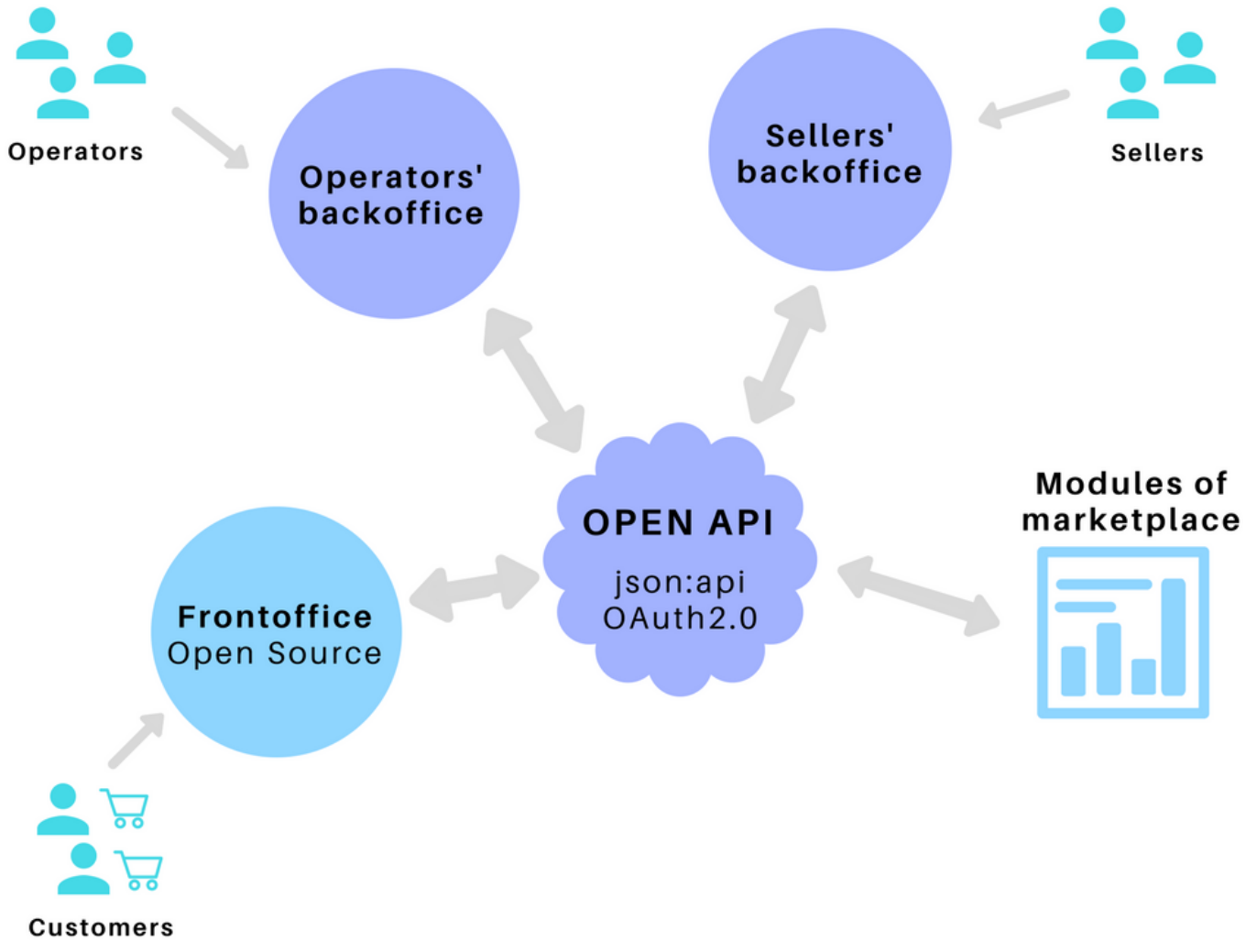
4.1.1. Overview

4.1.1.1. Summary

Origami Marketplace is the easiest all-in-one way to create a beautiful online marketplace.

Our solution is based on **4 modules**:

- The core API: RESTFUL API
- Front-office: Open-source
- An administration portal for sellers
- An administration portal for operators



4.1.1.2. Actors

Operators: They are the people from our clients' team. They manage several aspects of their online marketplace. Even if the reviews and the payments are decentralized, at the beginning of the life of an online marketplace, operators need to recruit sellers that will sell on their marketplace. They need to work on the marketing and advertising of their marketplace. Operators are an important part of the launching of an online marketplace.
Sellers: They are the companies/individuals that will sell on the online marketplace.
Customers: The users that will use and buy (goods or services) on the online marketplaces.

The blockchain technology will eliminate any intermediaries in the management of trusted reviews and escrow payments.

4.1.1.3. Origami marketplace features

Front-office	Catalog (products or services)	List of products or services
		Product/service information
		Catalog for each sellers
		Faceted browsing
		Search engine
	Buying process	Multi-vendor basket
		Customer login
		Shipping and invoicing
		Promotions
		Order recap
	Multi languages	Multi languages
	Customer accounts	Sign up / log in
		Order tracking and history
		After-sales

Sellers backoffice	Catalog management	Adding/editing products/services
		Products/services feeds
		Offers and storage management
	Shipping management	Carriers management
		Tracking information management
		Shipping costs management
	Order management	Orders management
		Products/services return management
	Data management	Catalog export
		Order information export
		Customer information export
	After-sales management	After-sales management
	Indicators	Dashboard and KPI
		Customer satisfaction
	Commercial management	Coupons management

Operator backoffice	Configuration	Parameters management
		Carrier management (Express, normal…)
	Users management	Users and roles management
	After-sales service	Vendors / buyers
		Notifications system
	Payments and invoices	Payment management
		Taxes management
	Sellers management	Vendor access management
		Orders management
	Vendors	Vendor rating
	PIM	Categories management
		Properties management
		Variations management
		Products/services validation
	Accounting management	Invoicing management
		Accounting management
		Commissions and subscriptions management
	Dashboard	Dashboard
		Order indicators
		KPI
		Sellers and products rating

API features	Data	Import/export
		Connection to feeds
	Web hooks	Connection to alerting systems (Texts, emails, slack..)
	Multi-sellers	A product can be sold by several sellers
	Payments	Escrow payments
		Escrow payments on the blockchain with Origami Payment
	Security	HTTPS + OAuth 2.0

4.1.2. The market

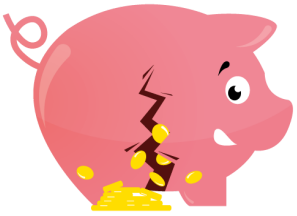
4.1.2.1. Market overview

Sales on online marketplaces cross $1 trillion in 2016[3], yet they still have to solve a lot of problem inherent to escrow payment (payment repudiation, dispute, expensive ...).
Origami Marketplace is a multilingual and multi currencies protocol, that can be used worldwide, potentially addressing this $1 trillion market.

4.1.2.2. Customers using origami marketplace

Several companies in Europe have already implemented origami Marketplace.

- **CommentSeRuiner (internal project)**



Marketplace selling original gifts
Using: Origami Marketplace
Launched in 2012
More than 300K monthly visitors

- **Minis Moi**

Marketplace selling products for babies and young children.
Launched in 2018
More than 50 sellers

[3] https://www.digitalcommerce360.com/2017/07/11/sales-marketplaces-grow-22-2016/

- **Lapin Blanc**

Marketplace selling hand crafted products
Launched in 2017
More than 5000 sellers
More than 100K monthly visitors

- **Commerce de Wallonie**

Commerce de Wallonie is a Belgian marketplace of local products.
The marketplace will be launched in February 2018.

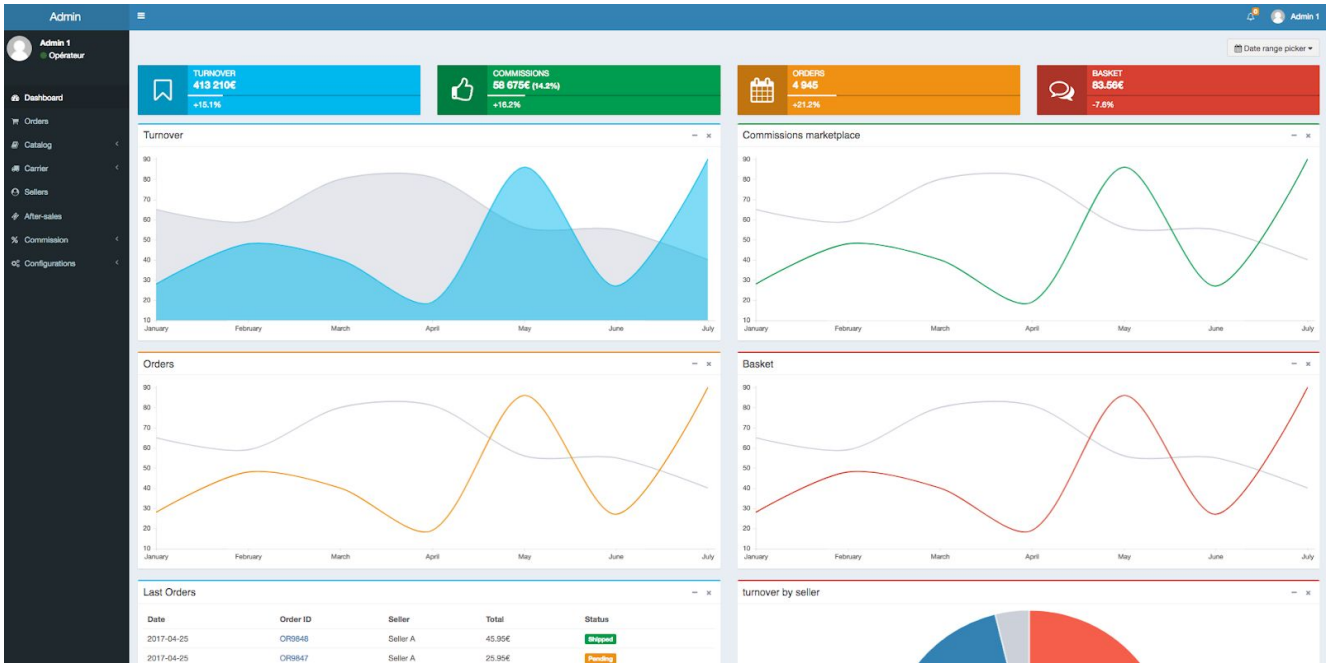
- **Mendity**

Lifestyle marketplace for men.
Launch: Q2 2018

4.1.3. Working product presentation

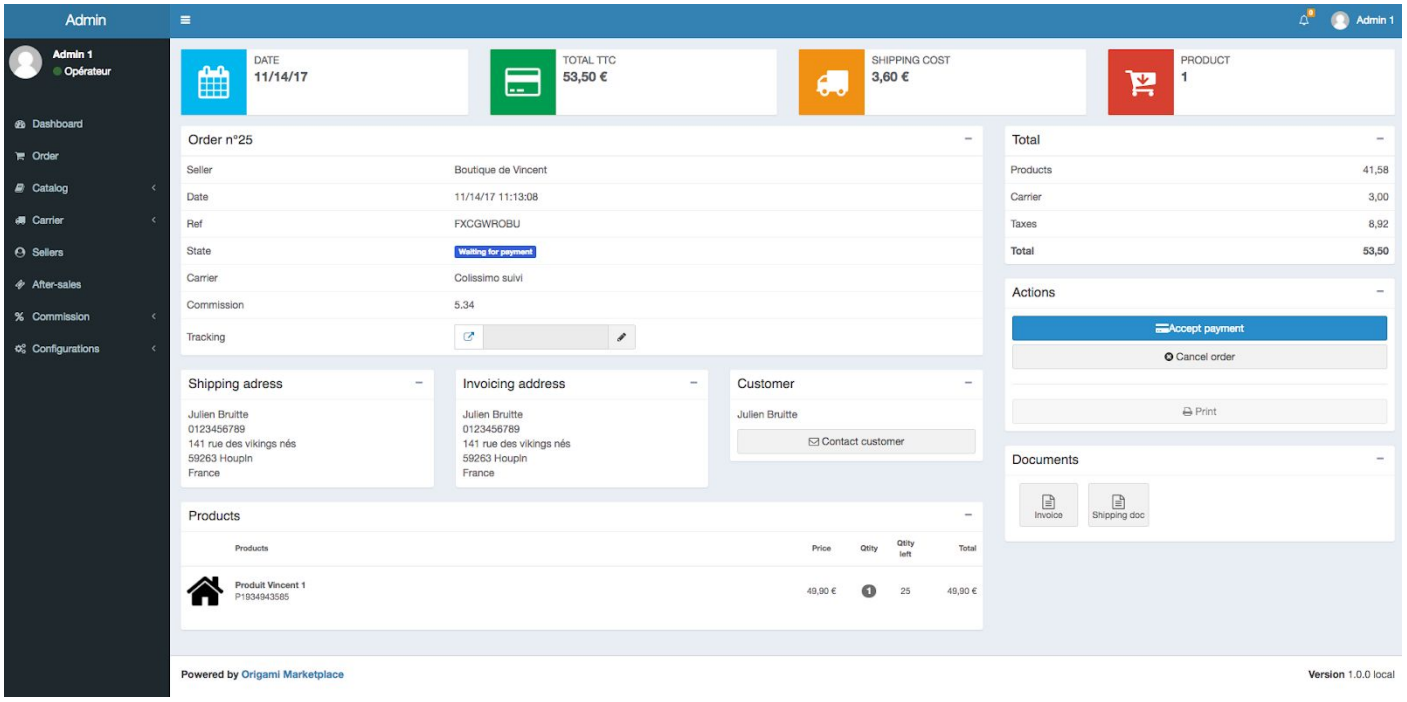
4.1.3.1. Dashboard

Dashboard for the operators in Origami Marketplace:



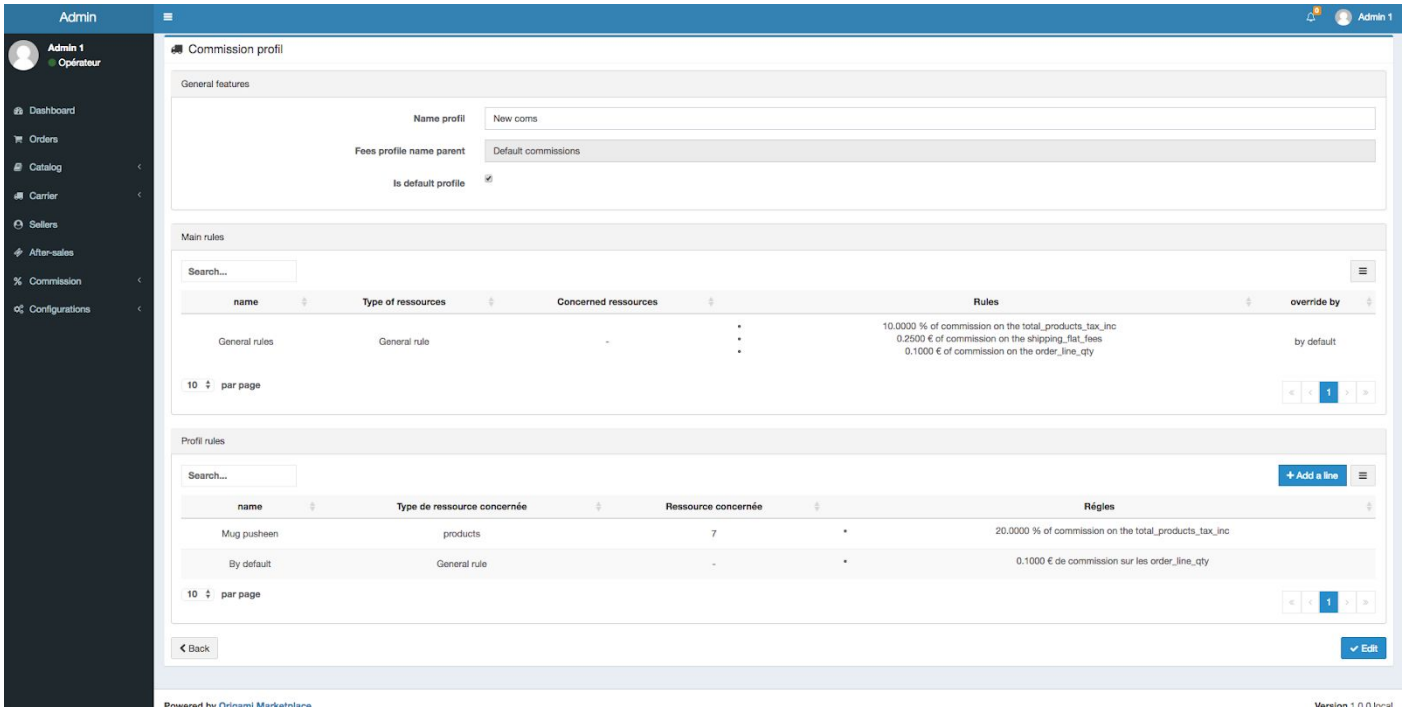
4.1.3.2. Order details

Order details on Origami Marketplace:



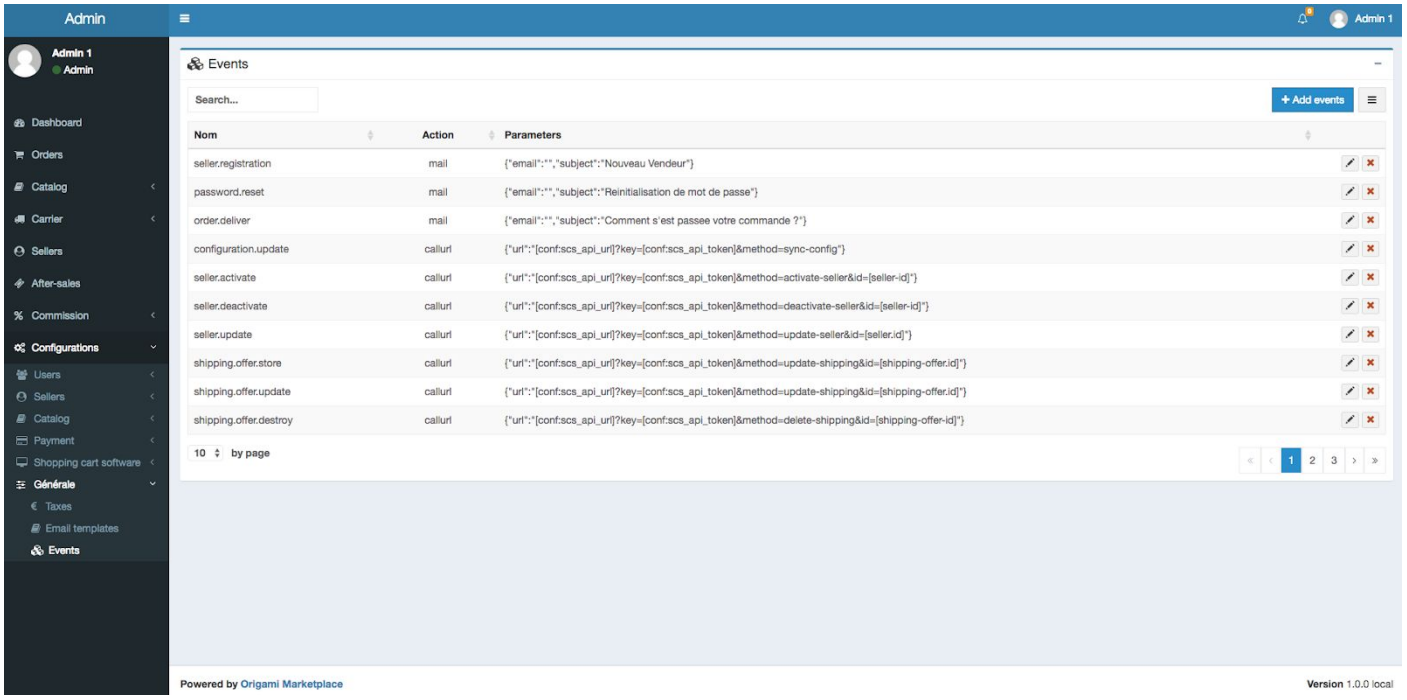
4.1.3.3. Commissions management

Operators can manage their commission profiles on their marketplace.



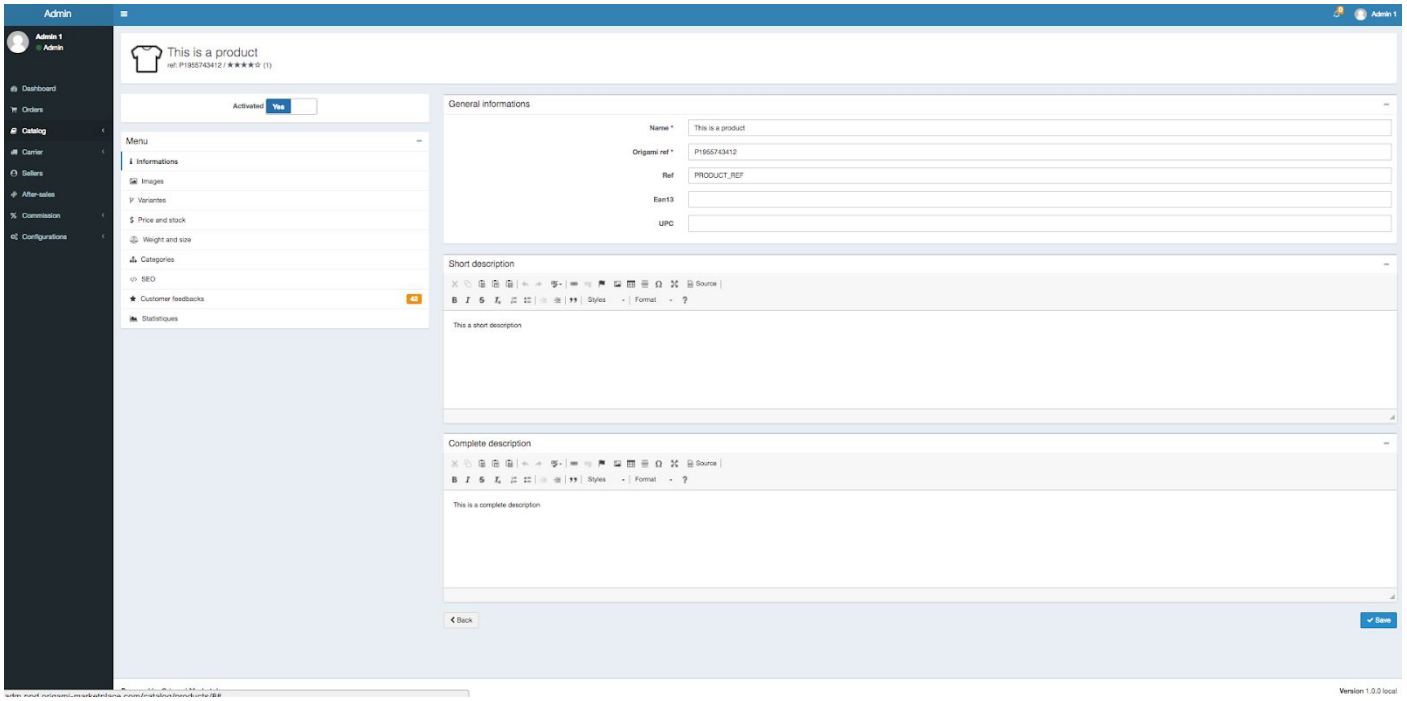
4.1.3.4. Events management

Events manager of Origami Marketplace (can trigger custom actions on SmartContract, or on external services).



4.1.3.5. Product or service details

Product details edition:



4.2. Origami Payment

4.2.1. Summary

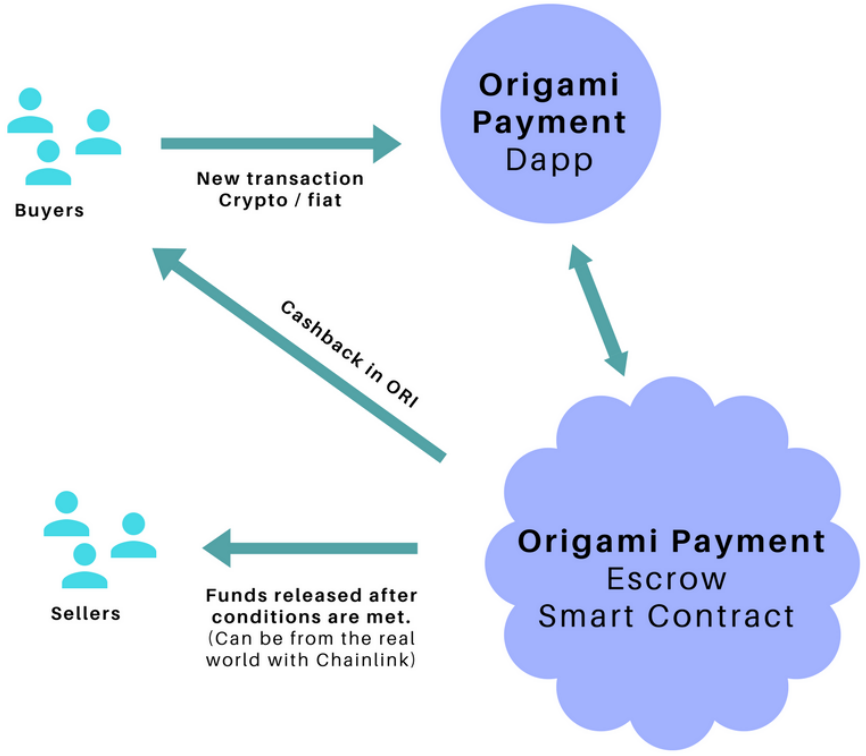
Origami Payment is a decentralized payment system powered by the Ethereum blockchain and ORI, an ERC20 token. This payment system enhances the buying/selling process with decentralized escrow for secure payments, third-party dispute resolution, and very low transaction costs.

Origami Payment can be integrated into new or existing marketplaces and can also be used in marketplaces that don't directly handle payments yet. Origami Payment is designed specifically for P2P marketplace transactions where trust between the buyer and seller might be limited.

This payment solution helps online marketplaces businesses to add a decentralized payment with escrow on the blockchain. We will give to our customers an escrow payment service with very low fees compared to other classic systems without blockchain and smart contracts.

Using the power of the **Ethereum smart contracts** technology, escrow payment management is automatized, and no third-party is needed to control the flow of money. The result is lower fees than any other escrow system.
Our payment solution provides an easy-to-use app and a secure and easy to integrate API.

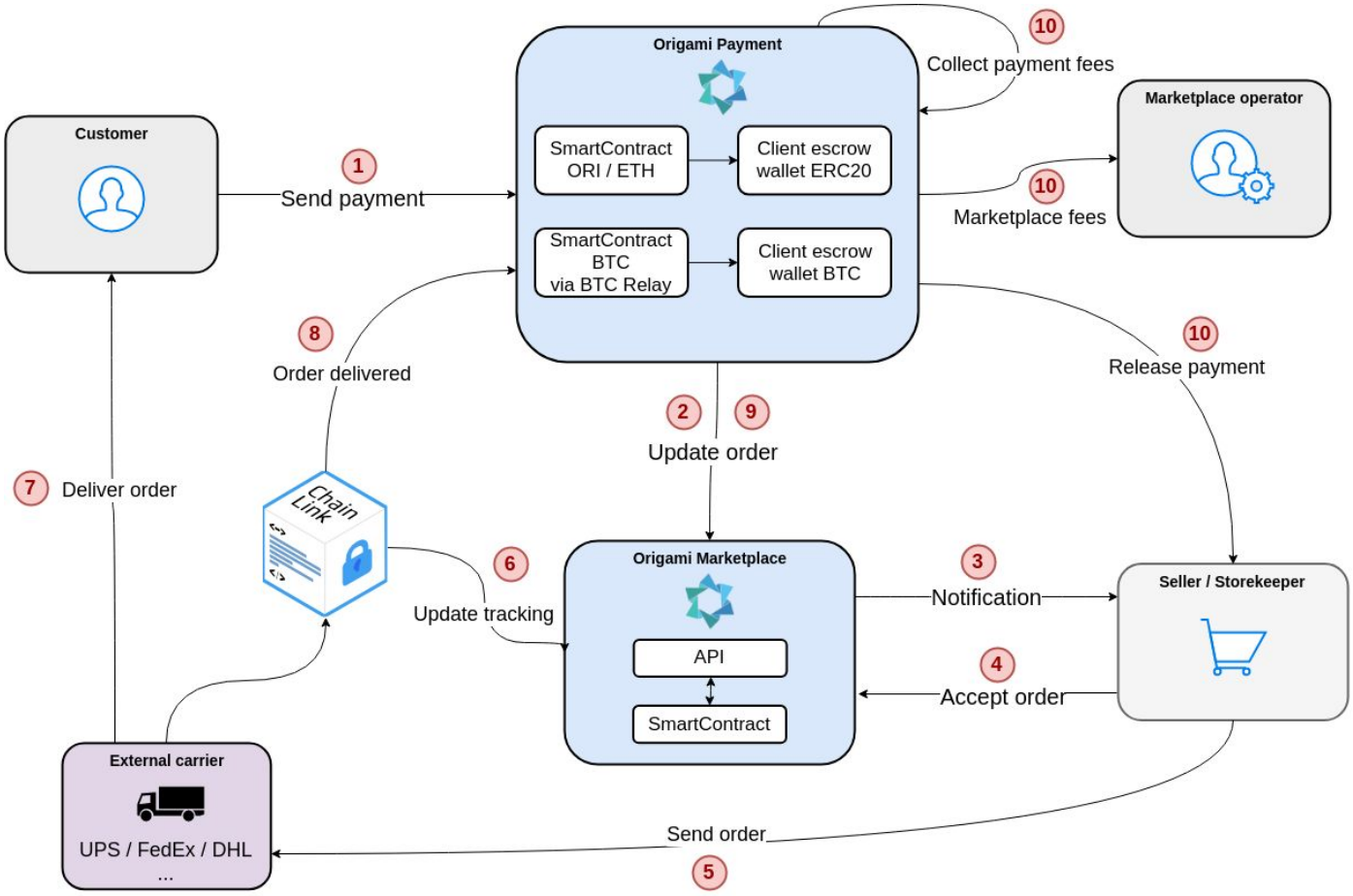
Crypto currencies are the future and it is our belief that users might often choose to pay with a crypto currency instead of the fiat. Origami payment will accept Origami tokens, Ethereum and Bitcoin (ORI, ETH, BTC), and eventually other cryptocurrencies, as well.



4.2.2. Why Ethereum smart contracts ?

You can refer to 2.3. Why Ethereum .

4.2.3. Presentation of the payment workflow



4.2.4. Origami Payment API

Our API covers the operational cycle needed for an online marketplace, including

- Payin and Payout transactions and wallet statements.
- Agile escrow rules and payments upon delivery.
- Buyer insurance for the delivery

4.2.5. Technical details of the solution

4.2.5.1. Accepted currencies

Origami payment will accept several crypto-currencies:

- ORI Token
- Ethereum
- BTC
- FIAT

4.2.5.2. Architecture

4.2.5.2.1. Chain

The Origami Payment module will be based on a smart contract on the Ethereum chain (see why ethereum chain).
At the beginning, accepted currencies on the smart contract will be ORI Token and Ethereum.

Other currencies are discussed on the following chapters.

4.2.5.2.2. Payment overview specifications

Specifications of the Origami Payment smart contracts will be set as follow:

- Payin function: function to pay a good / service on the marketplace. The payment is locked in an escrow wallet preventing sellers to spend it before the order is delivered to the buyer.
- Transfer function: when the package is shipped, the payment is transferred to the seller wallet.
- Refund function: if there is a problem in the selling process, the payment is transferred back from the escrow wallet to the buyers' wallets.
- Dispute function: if there is a dispute running between buyers and sellers, the payment is locked up in the escrow wallet until an agreement is reached.

4.2.5.2.3. Other currencies accepted

By its deployment on the Ethereum blockchain, Origami Payment will not accept BTC and FIAT out of the box.

To communicate with Bitcoin chain, our team will be using the **BTCRelay protocol** (https://github.com/ethereum/btcrelay**).**
The idea is that BTC payment will be done on the **BTCRelay smart contract**, then transaction informations will be relayed through the Origami Payment Smart contract.

FIAT Payment will be used at first out of the Ethereum chain (classic fees / classic broker), then a smart contract (currently on discussion) will be set to accept those currencies.

4.2.6. Advantage of the solution

4.2.6.1. Reduced fees

Escrow fees are a big issue in the actual world of online marketplaces.

The following table displays the fees paid by online marketplaces for the escrow payment system:

Providers	Fees	Sources
Mangopay	1.8% + €0.18	https://www.mangopay.com/pricing/
Stripe	2.9 % + $0.30	https://stripe.com/us/pricing
Baintree	1.9% + $0.30	https://www.braintreepayments.com/en-fr/braintree-pricing
WePay	2.9% + $0.30	https://www.investopedia.com/articles/personal-finance/042315/wepay-vs-paypal-fees.asp
Origami Network	**0.8% to 1 %** **(for currencies other than ORI)**	**https://ori.network**

4.2.6.2. Buyers insurance with oracles

Origami Payment will connect to decentralized Oracles (e.g Chainlink) to validate that packages are really delivered to unlock the payments.
Also, buyers can subscribe to an insurance for late delivery. A partial refund will be automatically sent depending on the delay.

4.2.6.3. For ORI Holders

By paying with the ORI tokens, the fees will be lower than with any other currencies. The discount will be distributed as a cashback to the buyers.

4.2.6.4. Confidence

Compared to centralized solutions, our payment method will add confidence and security to the payment processing.

Through our past several years of experience creating online marketplaces, we have detected major issues with the centralized escrow payment systems:

- Buyers did not receive refund
- Sellers did not receive payment
- Fastidious disputes resolution

Those issues will be tackled, as every transactions are saved on the Ethereum blockchain.

4.3. Origami Reviews

4.3.1. Summary

As mentioned earlier in this white paper, research proves that one negative review from a buyer (justified or not) correlates with an average decrease of the growth of a specific seller's weekly sales from +5% to -8%[4]. (Source).

The unregulated nature of reviews, combined with their importance in the success of a marketplace, leads to abuses from both buyers and sellers.

Origami Review will solve this major problem with a blockchain-powered review system.

Any review will be authenticated, and solely users who had actually been through a prior transaction would be able to post reviews by signing reviews with their own private key before posting them.

Origami Review will check the shipment tracking code on the carrier of the order APIs using Chainlink. **Chainlink easily connects the Origami Review smart contracts and critical external data from carriers.**

A smart contract from Origami Review will then authorize the reviews from buyers. This will solve the review problems that all marketplaces have as they scale.

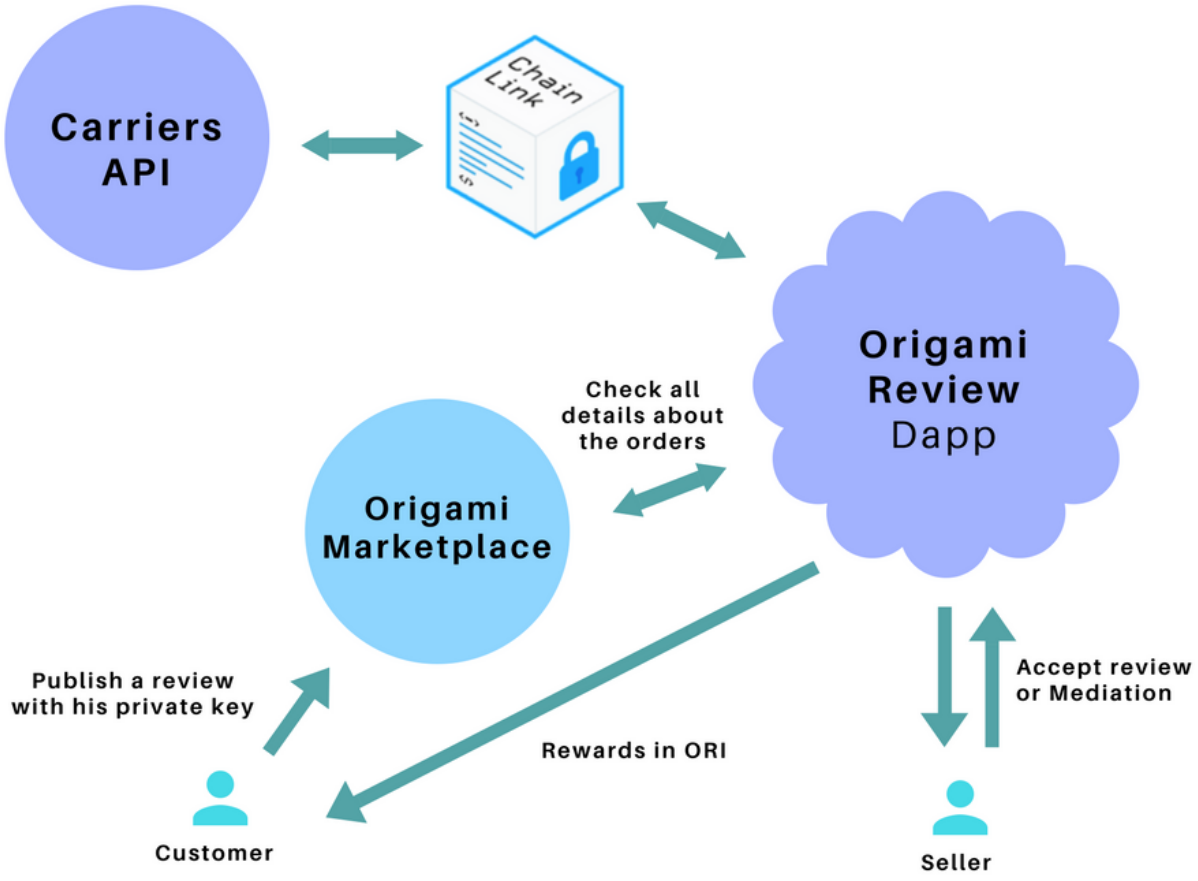
Origami Reviews will decentralize reviews management and organize the reputation management of sellers on any marketplaces.

[4] http://pages.stern.nyu.edu/~lcabral/workingpapers/CabralHortacsu_Aug08.pdf

4.3.2. Origami Review vision

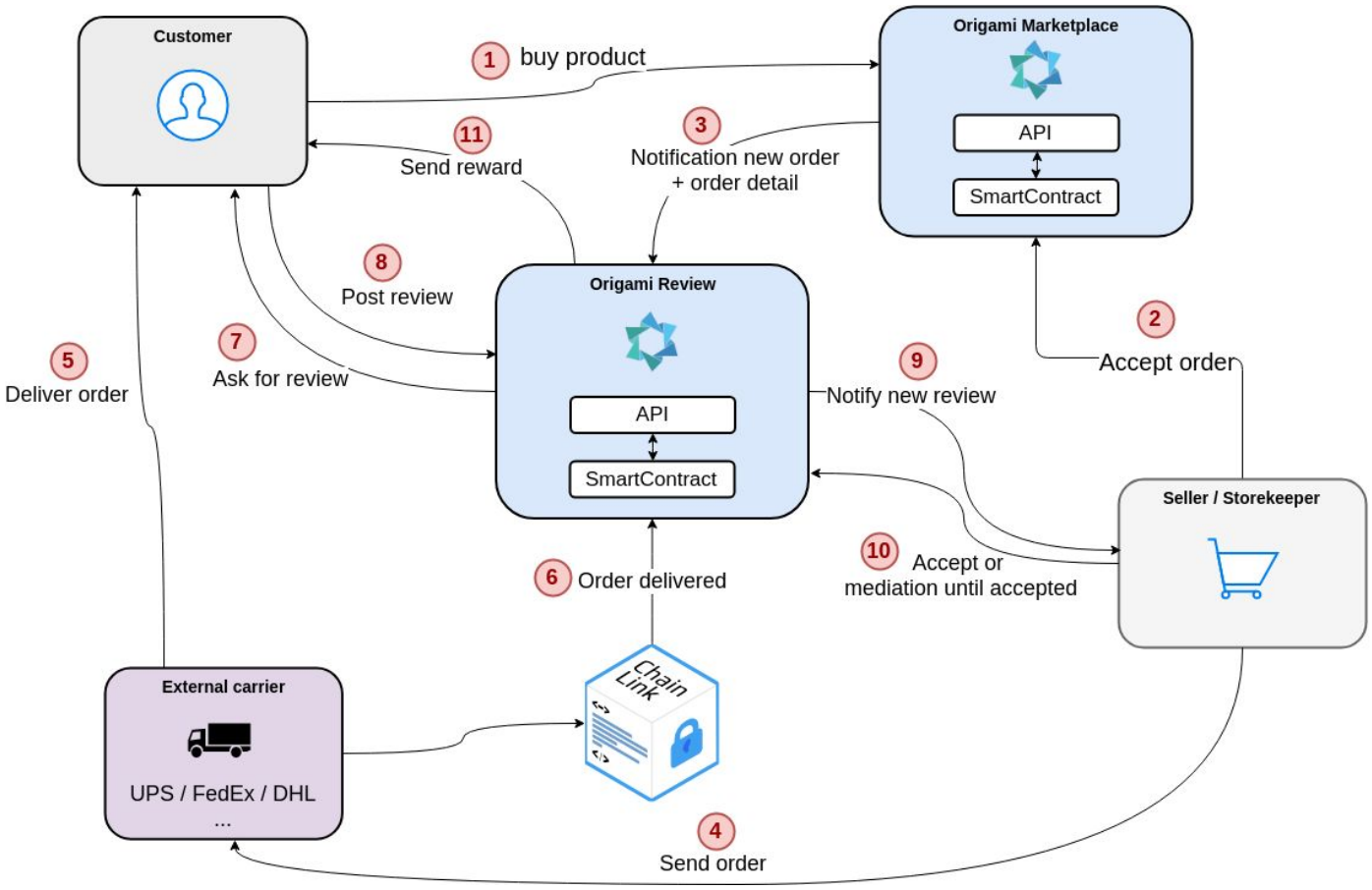
Origami Review will:

- Create a global network of trust
- Increase trust on each of the platform individually



The paradigm shift associated with mass adoption of Origami marketplace would see sellers go from having separate identities and reputations across multiple platforms to sellers having a single identity that is owned, controlled, and stored—immutable—in the blockchain.

4.3.3. Presentation of the Review workflow



4.3.4. Reviewing system biggest issues and how to tackle them

There are big issues on e commerce reviewing :

- Fake reviews to lie on buying experience
- Buyer does not always submit review, more often when the process was flawless (people tends to review the bad experience)

4.3.5. Origami Review features

4.3.5.1. Unbiased system

With the use of the ethereum blockchain, no fake reviews, moderation is transparent and open.

4.3.5.2. Connected to Oracle

Chainlink easily connects the Origami Review smart contracts and critical external data from carriers and other data feeds.

4.3.5.3. Seamless integration

Marketplaces will integrate the review system through open API, without worrying about underlying Smartcontract and Blockchain.

4.3.5.4. Rewards

The customer is rewarded with ORI when its review is validated. He can uses ORI to buy products with Origami Payment.

4.3.5.5. Built for marketplaces

Marketplaces are very different from classic e-commerce, our review system is designed for multi-vendors systems.

5. What is the Origami Network Token?

5.1. Technical informations

The Origami Network token will be the first usable ERC20 token on our payment platform and the only form of payment where the fee of 0.8% to 1% does not apply.

The ORI tokens will have multiple usage on our platform :

- Through Origami Payment, the ORI tokens will be a payment method (without fees) and a cashback asset,
- Through Origami Review it is part of the reward system. The customer is rewarded with ORI when its review is validated, and
- Through Origami Network, it will allow ORI holders to be a part of the project, by getting voting rights on next features
-

5.2. Benefits of the token

5.2.1. No payment fees + cashback

Since the payment in ORI will be free of fees, the sellers can decide to redistribute the normal fees (0.8 to 1%, fees collected by ETH, BTC payments) to the buyers. This will lead to better conversion. The sellers can also use their ORI tokens to attract more reviews for their shops.

5.2.2. Participation in the project decisions

ORI Holders will have a set of tools to follow and participate in the project decisions. Origami Network will be built with the community.

5.2.3. Usable on a large set of marketplaces and sharing economy platforms

As Origami Network spreads, the ORI Token will become usable on a very large set of marketplaces and sharing economy platforms.

You will be able to pay on a large set of websites without fees and easily.

5.2.4. Existing customers

Our greatest advantage is that we have existing customers that will quickly join our platform.

5.2.5. Increasing demand

As Origami Network will be installed on new marketplaces, the ORI demand will grow (needed to pay transaction fees by seller, to pay transaction with cashback by customers, to get rewarded with the review system). Since the ORI is not mintable, its real value will increase.

6. Origami Network Business Model

The Origami Network Business Model is based on several incomes:

- Origami marketplace subscriptions
- Origami Payment fees

6.1. Origami Marketplace subscriptions

To build and operate a marketplace, a marketplace operator pays a subscription fees.

The pricing is as follow :
Note that set-up fees for Origami Marketplace are non-existent.

Pricing / Month Billed every 6 months	Pricing / Month Billed monthly (+15%)	Transactions per month
1 990 €	2 289 €	Up to 2 500
2 990 €	3 439 €	Up to 4 000
3 990 €	4 589 €	Up to 6 000
4 990 €	5 739 €	Up to 10 000
5 990 €	6 889 €	Up to 15 000
On quotation	On quotation	> 25 000

6.2. Origami Payment fees

By paying with other currencies than ORI, payment fees are applied. Those fees are separated into two ways :

- Ethereum network fees
- Origami Network company

The ORI Tokens are made to be seen as fuel for both our reviewing system and payment system.

7. The core team

7.1. Founding team

Bruitte Julien, Duquenoy Alexandre, and Pichon Vincent are veterans of software engineering banking and trading.

To learn more about the core team, please visit their LinkedIn profiles:

- Bruitte Julien, CEO: **Linkedin Profile**

Julien Bruitte is CEO of “Comptoir Du Code” since 2015. Former software engineer in financial trading software services, he is now responsible of managing the accounting of the society, legal issues and administrative parts.He still works with the CTO and the developers to engineer the new project.

- Duquenoy Alexandre, CMO: **Linkedin Profile**

Alexandre Duquenoy is a software engineer by training. He worked during 5 years in the major account “Worldline” in the banking and trading software area. Entrepreneur since 2012, Alexandre Duquenoy quickly stopped the software development, becoming a full time CMO of his companies. With several formations through the Euratechnologies accelerator, his 6 years experience, Alexandre Duquenoy became a full time Chief Marketing Officer.

- Pichon Vincent, CTO: **Linkedin Profile**

Vincent Pichon is an experienced founder and CTO with a demonstrated history of working in the e-commerce and marketplace industry, a passionate blockchain developer and a former software engineer in financial analysis tools industry.

7.2. The company

Our company “Comptoir Du Code” exists since January 2015, and currently employs [5]:

- An Account manager, that is responsible of handling the customers’ needs
- Sales / Marketing : responsible of the Origami Marketplace marketing, and soon Origami payment / review
- A full Stack developer for managing the Origami Marketplace in accordance with the CTO
- Two Backend / Blockchain developers that created the smart contract / token sale platform

We are currently hiring salesmen, software developers and account managers to take care of our upcoming growth.

7.3. When did it start?

The Origami Network core team launched their first project together in January 2012 and—already an online marketplace: **http://commentseruiner.com**.

They then launched a software development company, **Comptoir du Code** (http://comptoirducode.com) in January 2015 in the online commerce area, followed by their first e-commerce website **Cute Land** (https://cute.land).

7.4. Why Origami Network?

We decided in the summer of 2016 that we could use, package and sell to other companies the marketplace protocol we developed for our own usage through our marketplace CommentSeRuiner.com.

We started to work on Origami Marketplace at the end of 2016. Origami Marketplace was commercially launched in April 2017.

But escrow payment is an expensive area (around 2% to 4% fees + flat fees per transaction) with actual issues (payment disputes are hard to solve).
So we wanted to add to our Origami Marketplace technology the possibility to have **a blockchain escrow payment with smart contract technology with low fees** (around 0.8% to 1% per transaction) and **a guarantee of transparency**: This is Origami Payment.

Origami Network is a protocol for building decentralized marketplaces using the Ethereum blockchain

[5] Our country regulations / rules does not allow to disclose full informations on an open document. For more informations, feel free to contact us..

8. Partners and advisors

The Origami Network team has been part of the French accelerator **Euratechnologies** since July 2013 and advises us since then.

Euratechnologies is home to over 300 startups, incubated and accelerated, as well as offices for several multinational companies.

The Origami Network team is also part of the French entrepreneurs network **"Reseau Entreprendre Nord".**

Other investors of note:

CIC: Fourth largest bank in France. They are early investors in Origami Marketplace and invested in February 2017.
BPI France: They are early investors in Origami Marketplace and invested in February 2017.

9. Technical Roadmap

Our roadmap will be updated soon.

https://medium.com/@origaminetwork/origami-network-project-update-april-9th-2018-6e38e81236e9

Q2 2017 - Launching of Origami Marketplace.

We work on the Origami Network since more than a year now. We already have a working product with Origami Marketplace, one of the three parts of our protocol to decentralize the online marketplace stack.

Q3 2017 - First customers of Origami Network - R&D on Origami Payment

As soon as Origami Marketplace was launched we signed multiple customers in France and Europe. We built their online marketplace using our protocol.
In parallel we started our R&D on Origami Payment. We wanted to anticipate the Token Sale and be able to talk in details on this part of the Network

Q4 2017 - Preparing the Origami Network Token Sale

A Token Sale is a beautiful project but also a hard one. We strongly believe in our project and we know our customers are happy with it but we also have to convince a group of contributors to join us in this project. We had to prepare and manage the launching of our Token Sale.
At this time our team also developed our own Token Sale platform directly connected to the Ethereum Blockchain (https://get.ori.network) with KYC and whitelisting. This platform can also be a good example of what our team is capable of because we are a strong tech team that master the blockchain technologies.
We also developed the Smart Contract for the Token Sale.

10. Marketing Roadmap

Targets :

- The Origami Network is the leading decentralized marketplace platform used worldwide
- Origami Payment available everywhere as a recognized payment services
- Origami Review is the standard of selling reviews

S1-2019

- Ori.network leader on the marketplace building industry for mid market
- Origami Review being used massively
- Target : 5 major account as customers (eg : contract signed soon)

Q4 – 2018

- Recruitment of key account managers
- Origami Payment is the leading decentralized escrow payments with cryptocurrencies

Q3 – 2018

- Go To Market worldwide, with mid-market retailers
- Starting prospections of major accounts (European / french at first)
- Big presence on international retail events

Q2 – 2018

- Consolidating market position on mid-market retailers on French / european market.
- Hiring of english native speakers to target worldwide retailers.
- Hiring of business developers specialized in major accounts.

11. The Token Sale

11.1. Token distribution

18% (9 000 000): Reward our users and power the network

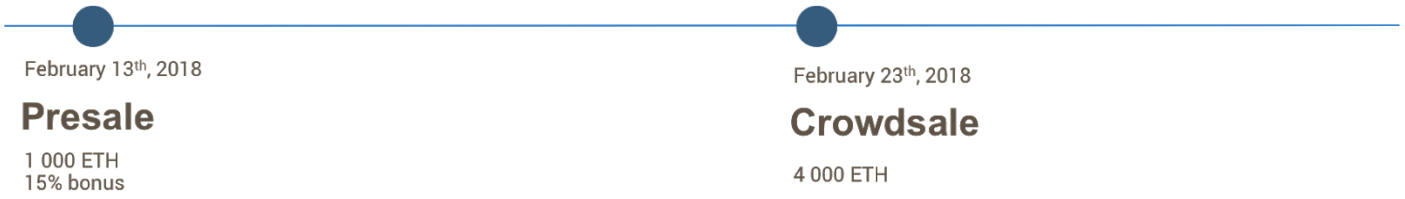
6% (3 000 000): Company (Locked for a year)

6% (3 000 000): Bounty and Marketing

The hard cap of the Origami ICO is 5.000 ETH. Fifty millions tokens are in existence, of which 35.000.000 (70%) will be sold during our Token Sale, 3.000.000 (6%) will be set aside for our bounty campaign and 9.000.000 (18%) will be used to power the network (see our github for more details). The remaining tokens 3.000.000 (6%) will be held by the company for product development, marketing and legal fees. Unsold tokens will be burned.

11.2. The Presale

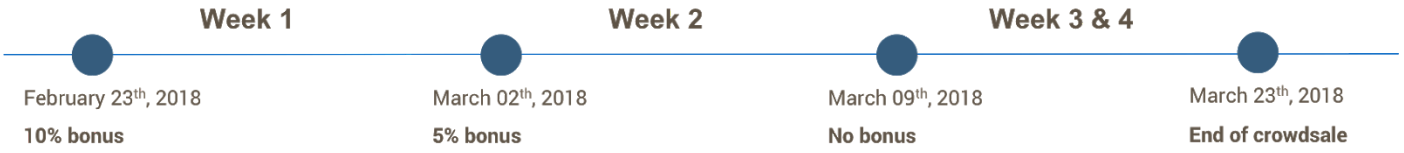
The Presale will run during 7 days from February 13th, 2018 to February 20th, 2018. The minimum contribution for the Presale is 0.5 ETH.



Everyone that **registered on our website https://ori.network** before the 09th February 2018 and that received a validation email before the 09th February 2018 **will be eligible for the Presale Whitelist.**

11.3. The Crowdsale

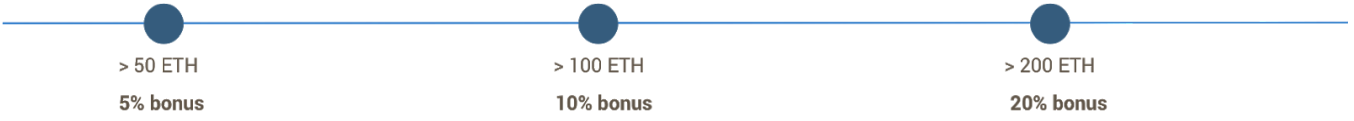
The crowdsale will run during **28 days from February 23th, 2018 to March 23th, 2018.** The **min contribution for the Presale is 0.1 ETH.**



11.4. Token sale bonuses

During our ICO investors will get bonuses if they invest more than 50 ETH. You can see below all the volume bonuses.

An investor will get **the maximum discount** depending on the amount he invested or the moment he invested.



11.5. Token Sale Q/A

- **What are the results of the Pre-Sale**

We reached our Pre-sale goals of 250 ETH. The main goal of the Presale was to test and valid the scalability and reliability of our token Sale platform that was built by our team

- **On behalf of what company is ICO staged?**

Comptoir du Code SAS: https://www.societe.com/societe/comptoir-du-code-809017429.html

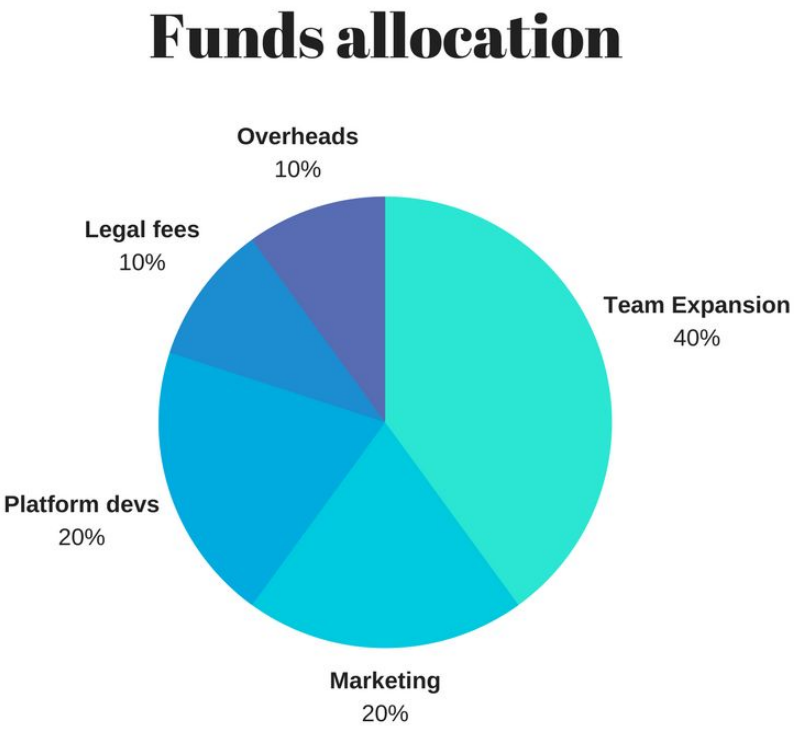
- **Where is it legally registered?**

FRANCE

- **When will the tokens be issued and made available to buyers for free circulation?**

The tokens will be unlocked 7 days after the end of the Token Sale, the 30th March 2018

- **If the Hard Cap is not reached, will the shares intended for the company, bounty and marketing, reduced proportionally to the sold ones?**

Indeed.

11.6. Funds allocation