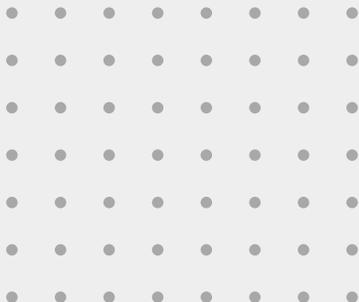




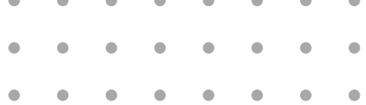
TOKEN  
METRICS



# TECH REVIEWS



April 18, 2021



### INTEGRAL PROTOCOL - 85%

Integral wants to be the last exchange and build the final form of AMM's. They plan to do this by mirroring existing exchanges liquidity onto themselves until they regain the world's best liquidity. This process can be thought of as a continuous vampire attack until all world liquidity is integrated into Integral. Order Book based AMM is the technology that make this possible(OB-AMM)

Current product that is live will mirror 3x Binance spot market liquidity and instantly become the world's cheapest place to trade spots for large trades(≥ \$30k). But later this year, they plan to move onto L2, to save costs on small trades too.

By adding a Trade delay of 5 mins to obtain price reference from Uniswap TWAP and Concentrated Liquidity with Cyclical Imbalances, Integral claims to reduce front running and remove Impermanent loss for traders while mirroring Liquidity from other exchanges. Integral farming is live on mainnet and seed sale is currently live. Integral open sourced the contracts and have undergone 3 audits so far. ITGR will be the governance token and All protocol value ("trade commissions", "trade fees") will accrue to ITGR token holders.

Seed investment price	<b>N/A</b>
Current price	<b>N/A</b>
Current market cap	<b>N/A</b>
Competition	<b>Uniswap, Sushiswap, Binance</b>





# The Justice Protocol

Kleros is a decentralized arbitration service for the disputes of the new economy.

## KLEROS - 80%

Kleros is a blockchain Dispute Resolution Layer that provides fast, secure and affordable arbitration for virtually everything. Kleros uses blockchain and crowdsourced specialists to adjudicate disputes in a fast, secure and affordable way. Kleros connects users who need to solve disputes with jurors who have the right skills to solve them. Crowdsourcing taps into a global pool of jurors. Blockchain technology guarantees evidence integrity, transparency in jury selection and incentives for honest rulings.

Kleros has a solid team and an active github repo with frequent updates. Kleros has more than 500 cases settled in the courtroom and Prediction market case 532 is resolved with over 2.5M\$ in value settled by Kleros. As more capital and assets start to be transacted in decentralized value networks, the need for a trustless and decentralized dispute resolution service such as Kleros is going to increase.

Seed investment price	<b>N/A</b>
Current price	<b>\$ 0.15</b>
Current market cap	<b>\$ 76 M</b>
Competition	<b>Aragon court</b>





## POLKASWAP 76%

Polkaswap is a non custodial cross chain AMM DEX designed uniquely for the Polkadot and Kusama ecosystems and hosted on the SORA network. Near boundless liquidity through one of a kind Aggregate Liquidity Technology (ALT) with the security and convenience of a DEX. Polkaswap is a non-custodial cross chain AMM-DEX protocol for swapping tokens based on the Polkadot (and Kusama) network(s), Parachains, and blockchains connected via a Bridge. The Polkaswap protocol effectively removes trusted intermediaries and provides the opportunity for faster trading. Polkaswap is a DEX with the possibility to set up multiple liquidity sources under a liquidity aggregation algorithm. When traders call the swap function, the liquidity aggregation algorithm will fill the order using the best offers from liquidity sources. Liquidity sources can be represented as AMMs, order books, or other algorithms.

Polkaswap has a native token called PSWAP. Polkaswap allows users to create liquidity pools for trading token pairs in the Polkaswap DEX and receive PSWAP for liquidity staking. Trading fees are used to buy back and burn PSWAP tokens, while new PSWAP tokens are issued to reward liquidity providers; but this is done in a deflationary manner, as more PSWAPs are burned than new ones are issued. The issuer of PSWAP tokens will be a smart contract that distributes PSWAP according to the programmed logic and stimulates the growth of Polkaswap. In addition, the XOR token will be introduced, which will be used to pay fees for network transactions on the XOR network.

XOR will also be used for providing liquidity on Polkaswap because it is stable (minimizing volatile losses), highly liquid (due to the market maker of the token peg curve) and neutral between other projects in the Polkadot ecosystem, but uses DOT and KSM as reserves.

Seed investment price	<b>N/A</b>
Current price	<b>N/A</b>
Current market cap	<b>N/A</b>
Competition	<b>Uniswap, Clover Finance</b>





## SHFYT NETWORK - 73%

Shyft Network is a public blockchain protocol designed to aggregate and embed trust and validation into data stored on public and private ecosystems, and permissioned and permissionless networks. By facilitating bridging across siloed datasets, Shyft allows for layering of context on top of data, ultimately turning raw data into meaningful information. Shyft Network is developing regulatory-compliant tools for Decentralized Finance that bridge the gap for centralized and decentralized organizations to ease their entry into the blockchain space. The goal is to aid mainstream financial institutions venture into DeFi and participate in a compliant manner. By lowering risk and exposure to money laundering, the Shyft Network could open up the crypto industry to large capital inflows and, potentially, millions of users from the mainstream markets.

Shyft Network has been developing identity solutions that help centralized and decentralized applications become compliant with existing regulations. In this regard, they have partnered with various other entities in the space, notably virtual asset services providers (VASPs) who must comply with the FATF Travel Rule. Veriscope, Shyft Network's proactive approach to regulatory compliance, has been applauded for its ability to bring together some of the most prominent liquidity providers in the space and to accelerate the potential mass adoption of decentralized applications. The Shyft Network core team is responsible for technical development of the network architecture, establishment of use cases for the network and for the SHFT token, and guiding the vision for network growth and development.

Seed investment price	N/A
Current price	\$ 1.96
Current market cap	\$18 M
Competition	N/A





## ANCHOR PROTOCOL - 73%

Anchor is a savings protocol offering low-volatile yields on Terra stablecoin deposits (UST). The Anchor Token (ANC) is Anchor Protocol's governance token. Users can deposit ANC tokens to create new governance polls, which can be voted on by users that have staked ANC. ANC is designed to capture a portion of Anchor's yield relative to Anchor's assets under management (AUM).

Anchor distributes protocol fees to ANC stakers pro-rata to their stake. Stakers of ANC are further incentivized to propose, discuss, and vote on governance proposals. ANC is also used as an incentive to bootstrap borrow demand and initial deposit rate stability. The protocol distributes ANC tokens every block to stablecoin borrowers, proportional to the amount borrowed.

Seed investment price	<b>N/A</b>
Current price	<b>\$ 5.15</b>
Current market cap	<b>\$ 285 M</b>
Competition	<b>BarnBridge</b>





# unmarshal

## **UNMARSHAL - 65%**

Unmarshal is a Decentralized network of blockchain data indexers and transforming tools to power DeFi applications on any chain. Decentralized and Feature-rich - Having decentralized infrastructure and network of indexers makes sure that services are always stable and reliable.

Multiple data avenues - Unmarshal's data can be accessed as rich APIs, Push Notifications, WebSockets, Analytics & Insights. Decoded, detailed and meaningful data decoders extract rich information and contextual meaning out of blockchain data. Automated indexing of new protocols - Clients can request to index new chains and protocols through automated processes on the cost-sharing model.

Seed investment price	<b>N/A</b>
Current price	<b>\$4.5</b>
Current market cap	<b>\$35 M</b>
Competition	<b>Graph, Covalent</b>



# 1. INTEGRAL PROTOCOL TECHNOLOGY REVIEW

Initial Screening		
	Keep researching	
Does this project need to use blockchain technology?	Yes	
Can this project be realized?	Yes	
Is there a viable use case for this project?	Yes	
Is the project protected from commonly known attacks?	Yes	
Are there no careless errors in the whitepaper?	Yes	
Projects Technology Score		
	Description	Scorecard
	<b>Innovation (out of 11)</b>	<b>9</b>
How have similar projects performed?	Great (2)	
Feasibility - Are there too many innovations?	Feasible (2)	
Percentage of crypto users that will use the project?	6-10% (3)	
Is the project unique?	Yes (2)	
	<b>Architecture (out of 12)</b>	<b>10</b>
Overall feeling after reading whitepaper?	Great (2)	
Resistance to possible attacks?	Okay (1)	
Complexity of the architecture?	Not Too Complex (2)	
Time taken to understand the architecture?	20-50 (1)	
Overall feeling about the architecture after deeper research?	Great (4)	
	<b>Code Quality (out of 15)</b>	<b>13</b>
Is the project open source?	Yes (2)	
Does the project use good code like C,C++, Rust, Erlang, Ruby, Go, Solidity, etc?	Yes (2)	
Could the project use better programming languages?	No (0)	
Github number of lines?	More Than 10K (1)	
Github commits per month?	More Than 10 (2)	
What is the quality of the code?	Good (2)	
How well is the code commented?	Good (2)	
Overall quality of the test coverage?	Good (1)	
Overall quality of the maintainability index?	Good (1)	
	<b>When Mainnet (out of 5)</b>	<b>5</b>
When does the mainnet come out?	Launched (5)	
	<b>Usability for Infrastructure Projects (out of 5)</b>	<b>5</b>
Is it easy to use for the end customer?	Yes (5)	
	<b>Team (out of 7)</b>	<b>5</b>
Number of active developers?	3+ (1)	
Developers average Git Background?	Senior (2)	
Developers coding style?	Solid (2)	
		<b>Total Score</b>
		85%
	<b>Score out of 55</b>	<b>47</b>
Innovation	20%	
Architecture	22%	
Code Quality	27%	
Mainnet	9%	
Usability	9%	
Team	13%	
<b>Total</b>	<b>100%</b>	

## 2. KLEROS TECHNOLOGY REVIEW

Initial Screening		
	Keep researching	
Does this project need to use blockchain technology?	Yes	
Can this project be realized?	Yes	
Is there a viable use case for this project?	Yes	
Is the project protected from commonly known attacks?	Yes	
Are there no careless errors in the whitepaper?	Yes	
Projects Technology Score		
	Description	Scorecard
	<b>Innovation (out of 11)</b>	<b>6</b>
How have similar projects performed?	Great (2)	
Feasibility - Are there too many innovations?	Maybe (1)	
Percentage of crypto users that will use the project?	1-5% (1)	
Is the project unique?	Yes (2)	
	<b>Architecture (out of 12)</b>	<b>8</b>
Overall feeling after reading whitepaper?	Great (2)	
Resistance to possible attacks?	Okay (1)	
Complexity of the architecture?	Very Complex (0)	
Time taken to understand the architecture?	20-50 (1)	
Overall feeling about the architecture after deeper research?	Great (4)	
	<b>Code Quality (out of 15)</b>	<b>14</b>
Is the project open source?	Yes (2)	
Does the project use good code like C,C++, Rust, Erlang, Ruby, Go, Solidity, etc?	Yes (2)	
Could the project use better programming languages?	No (0)	
Github number of lines?	More Than 10K (1)	
Github commits per month?	More Than 10 (2)	
What is the quality of the code?	Good (2)	
How well is the code commented?	Good (2)	
Overall quality of the test coverage?	Great (2)	
Overall quality of the maintainability index?	Good (1)	
	<b>When Mainnet (out of 5)</b>	<b>5</b>
When does the mainnet come out?	Launched (5)	
	<b>Usability for Infrastructure Projects (out of 5)</b>	<b>5</b>
Is it easy to use for the end customer?	Yes (5)	
	<b>Team (out of 7)</b>	<b>6</b>
Number of active developers?	5+ (2)	
Developers average Git Background?	Senior (2)	
Developers coding style?	Solid (2)	
		<b>Total Score</b>
		<b>80%</b>
	<b>Score out of 55</b>	<b>44</b>
Innovation	20%	
Architecture	22%	
Code Quality	27%	
Mainnet	9%	
Usability	9%	
Team	13%	
<b>Total</b>	<b>100%</b>	

### 3. POLKASWAP TECHNOLOGY REVIEW

Initial Screening		
	Keep researching	
Does this project need to use blockchain technology?	Yes	
Can this project be realized?	Yes	
Is there a viable use case for this project?	Yes	
Is the project protected from commonly known attacks?	Yes	
Are there no careless errors in the whitepaper?	Yes	
Projects Technology Score		
	Description	Scorecard
	<b>Innovation (out of 11)</b>	<b>5</b>
How have similar projects performed?	Great (2)	
Feasibility - Are there too many innovations?	Feasible (2)	
Percentage of crypto users that will use the project?	6-10% (3)	
Is the project unique?	No (-2)	
	<b>Architecture (out of 12)</b>	<b>10</b>
Overall feeling after reading whitepaper?	Great (2)	
Resistance to possible attacks?	Okay (1)	
Complexity of the architecture?	Not Too Complex (2)	
Time taken to understand the architecture?	20-50 (1)	
Overall feeling about the architecture after deeper research?	Great (4)	
	<b>Code Quality (out of 15)</b>	<b>14</b>
Is the project open source?	Yes (2)	
Does the project use good code like C,C++, Rust, Erlang, Ruby, Go, Solidity, etc?	Yes (2)	
Could the project use better programming languages?	No (0)	
Github number of lines?	More Than 10K (1)	
Github commits per month?	More Than 10 (2)	
What is the quality of the code?	Good (2)	
How well is the code commented?	Good (2)	
Overall quality of the test coverage?	Great (2)	
Overall quality of the maintainability index?	Good (1)	
	<b>When Mainnet (out of 5)</b>	<b>2</b>
When does the mainnet come out?	MVP or Testnet (2)	
	<b>Usability for Infrastructure Projects (out of 5)</b>	<b>5</b>
Is it easy to use for the end customer?	Yes (5)	
	<b>Team (out of 7)</b>	<b>5</b>
Number of active developers?	3+ (1)	
Developers average Git Background?	Senior (2)	
Developers coding style?	Solid (2)	
		<b>Total Score</b>
		<b>76%</b>
	<b>Score out of 55</b>	<b>41</b>
Innovation	20%	
Architecture	22%	
Code Quality	27%	
Mainnet	9%	
Usability	9%	
Team	13%	
<b>Total</b>	<b>100%</b>	

## 4. SHFYT NETWORK TECHNOLOGY REVIEW

Initial Screening		
	Keep researching	
Does this project need to use blockchain technology?	Yes	
Can this project be realized?	Yes	
Is there a viable use case for this project?	Yes	
Is the project protected from commonly known attacks?	Yes	
Are there no careless errors in the whitepaper?	Yes	
Projects Technology Score		
	Description	Scorecard
	<b>Innovation (out of 11)</b>	<b>7</b>
How have similar projects performed?	Great (2)	
Feasibility - Are there too many innovations?	Feasible (2)	
Percentage of crypto users that will use the project?	1-5% (1)	
Is the project unique?	Yes (2)	
	<b>Architecture (out of 12)</b>	<b>10</b>
Overall feeling after reading whitepaper?	Okay (1)	
Resistance to possible attacks?	Great (2)	
Complexity of the architecture?	Not Too Complex (2)	
Time taken to understand the architecture?	20-50 (1)	
Overall feeling about the architecture after deeper research?	Great (4)	
	<b>Code Quality (out of 15)</b>	<b>13</b>
Is the project open source?	Yes (2)	
Does the project use good code like C,C++, Rust, Erlang, Ruby, Go, Solidity, etc?	Yes (2)	
Could the project use better programming languages?	No (0)	
Github number of lines?	More Than 10K (1)	
Github commits per month?	More Than 10 (2)	
What is the quality of the code?	Good (2)	
How well is the code commented?	Good (2)	
Overall quality of the test coverage?	Good (1)	
Overall quality of the maintainability index?	Good (1)	
	<b>When Mainnet (out of 5)</b>	<b>0</b>
When does the mainnet come out?	Nothing (0)	
	<b>Usability for Infrastructure Projects (out of 5)</b>	<b>5</b>
Is it easy to use for the end customer?	Yes (5)	
	<b>Team (out of 7)</b>	<b>5</b>
Number of active developers?	3+ (1)	
Developers average Git Background?	Senior (2)	
Developers coding style?	Solid (2)	
		<b>Total Score</b>
		<b>73%</b>
	<b>Score out of 55</b>	<b>40</b>
Innovation	20%	
Architecture	22%	
Code Quality	27%	
Mainnet	9%	
Usability	9%	
Team	13%	
<b>Total</b>	<b>100%</b>	

## 5. ANCHOR PROTOCOL TECHNOLOGY REVIEW

Initial Screening		
	Keep researching	
Does this project need to use blockchain technology?	Yes	
Can this project be realized?	Yes	
Is there a viable use case for this project?	Yes	
Is the project protected from commonly known attacks?	Yes	
Are there no careless errors in the whitepaper?	Yes	
Projects Technology Score		
	Description	Scorecard
	<b>Innovation (out of 11)</b>	<b>3</b>
How have similar projects performed?	Great (2)	
Feasibility - Are there too many innovations?	Feasible (2)	
Percentage of crypto users that will use the project?	1-5% (1)	
Is the project unique?	No (-2)	
	<b>Architecture (out of 12)</b>	<b>9</b>
Overall feeling after reading whitepaper?	Great (2)	
Resistance to possible attacks?	Okay (1)	
Complexity of the architecture?	Not Too Complex (2)	
Time taken to understand the architecture?	More Than 1 Hour (0)	
Overall feeling about the architecture after deeper research?	Great (4)	
	<b>Code Quality (out of 15)</b>	<b>13</b>
Is the project open source?	Yes (2)	
Does the project use good code like C,C++, Rust, Erlang, Ruby, Go, Solidity, etc?	Yes (2)	
Could the project use better programming languages?	No (0)	
Github number of lines?	More Than 10K (1)	
Github commits per month?	More Than 10 (2)	
What is the quality of the code?	Good (2)	
How well is the code commented?	Good (2)	
Overall quality of the test coverage?	Good (1)	
Overall quality of the maintainability index?	Good (1)	
	<b>When Mainnet (out of 5)</b>	<b>5</b>
When does the mainnet come out?	Launched (5)	
	<b>Usability for Infrastructure Projects (out of 5)</b>	<b>5</b>
Is it easy to use for the end customer?	Yes (5)	
	<b>Team (out of 7)</b>	<b>5</b>
Number of active developers?	3+ (1)	
Developers average Git Background?	Senior (2)	
Developers coding style?	Solid (2)	
	<b>Total Score</b>	<b>73%</b>
	<b>Score out of 55</b>	<b>40</b>
Innovation	20%	
Architecture	22%	
Code Quality	27%	
Mainnet	9%	
Usability	9%	
Team	13%	
<b>Total</b>	<b>100%</b>	

## 6. UNMARSHAL TECHNOLOGY REVIEW

Initial Screening		
	Keep researching	
Does this project need to use blockchain technology?	Yes	
Can this project be realized?	Yes	
Is there a viable use case for this project?	Yes	
Is the project protected from commonly known attacks?	Yes	
Are there no careless errors in the whitepaper?	Yes	
Projects Technology Score		
	Description	Scorecard
	<b>Innovation (out of 11)</b>	<b>3</b>
How have similar projects performed?	Great (2)	
Feasibility - Are there too many innovations?	Feasible (2)	
Percentage of crypto users that will use the project?	1-5% (1)	
Is the project unique?	No (-2)	
	<b>Architecture (out of 12)</b>	<b>8</b>
Overall feeling after reading whitepaper?	Okay (1)	
Resistance to possible attacks?	Great (2)	
Complexity of the architecture?	Not Too Complex (2)	
Time taken to understand the architecture?	20-50 (1)	
Overall feeling about the architecture after deeper research?	Okay (2)	
	<b>Code Quality (out of 15)</b>	<b>13</b>
Is the project open source?	Yes (2)	
Does the project use good code like C,C++, Rust, Erlang, Ruby, Go, Solidity, etc?	Yes (2)	
Could the project use better programming languages?	No (0)	
Github number of lines?	More Than 10K (1)	
Github commits per month?	More Than 10 (2)	
What is the quality of the code?	Good (2)	
How well is the code commented?	Good (2)	
Overall quality of the test coverage?	Good (1)	
Overall quality of the maintainability index?	Good (1)	
	<b>When Mainnet (out of 5)</b>	<b>5</b>
When does the mainnet come out?	Launched (5)	
	<b>Usability for Infrastructure Projects (out of 5)</b>	<b>5</b>
Is it easy to use for the end customer?	Yes (5)	
	<b>Team (out of 7)</b>	<b>2</b>
Number of active developers?	Less Than 3 (0)	
Developers average Git Background?	Intermediate (1)	
Developers coding style?	Reasonable (1)	
		<b>Total Score</b>
		65%
	<b>Score out of 55</b>	<b>36</b>
Innovation	20%	
Architecture	22%	
Code Quality	27%	
Mainnet	9%	
Usability	9%	
Team	13%	
<b>Total</b>	<b>100%</b>	



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