



# RewardChain

Factom Authority Set  
Application

Extra Information



22/4/18

## Pledge

- Do all we can to provide greater than 99.99% uptime for our Auth Node(s).
- Provide 24/7 availability to deal with server issues, responding in under 1 hour to any unexpected server issue; with a goal to always respond in under 5 minutes.
- Provide consistent stability to the protocol in every way possible through the running of our Authority Server(s).
- Start out with 35% efficiency and review quarterly. We believe this is a good balance between contributing significantly to the Grant Pool, as well as having sufficient FCT to fund our development goals.
- To contribute high value, ongoing development and marketing initiatives to the Protocol.
- Ensure RewardChain can contribute to the Protocol and run Auth Node(s) to a high standard long-term, regardless of the price of FCT and BTC.
- Set an example of a professional, effective, genuine team running Auth Node(s), with an intention of encouraging and supporting a high standard of performance for Auth Node(s) right from the start of M3.
- Exhibit a high level of transparency.
- Engage in open and effective communication with the Factom community, other Auth Node(s) and all parties relevant to the Protocol.
- To build a successful long-term company running Auth Node(s), ultimately with a large number of full-time employees delivering both development and marketing efforts to the Protocol.

## Development

RewardChain is using blockchain technology to build SaaS applications for enterprise customers. As is mentioned in our application, we are planning to launch a token sale to fund the development of an open source, global, token-based network that provides organisations with a means to reward positive behaviour within their service offerings. We intend to leverage Factom for this project, which will have a large tracking element.

Alistair, Reid, and Schalk are working full-time on RewardChain, and we will bring on more full-time staff.

Alistair, Reid, and Schalk are going to be in Silicon Valley for most of the first month of M3, where they will be meeting with investors, potential advisors, and be working on partnerships to increase the impact RewardChain will have. A key focus during this time will be how RewardChain's position as an AuthSet Operator (if we are selected) can be used to add the most value to Factom, both through RewardChain's token sale and through applications



RewardChain will build specifically for the purpose of increasing the adoption and utility of the Factom Protocol.

Our development team is set to expand significantly throughout the year. Below are some of the applications we are looking into building or have started building—for the purpose of adding value to the Protocol.

**Factom Node Manager:**

This will monitor guard nodes and protected nodes for Auth Set Operators. It will automatically alert and call system admins if there is action needed. It will also serve as a dashboard and control panel for automatically spawning and scaling nodes, and performing brain swaps.

**Factom Node Map:**

An application to show the live locations of Factom's authority servers on a world map (similar to <https://bitnodes.earn.com/>)—we are aware that this won't be able to include locations of protected nodes (hidden through guard nodes).

**Factomail:**

Providing cryptographic proof linking the hash of an email and its attachment(s) to an entry into the Factom blockchain. This will provide proof that the data existed at the time of the email, and that it has not been tampered with.

The application will be able to hash an email or attachment, then enter it into a Factom subchain along with a timestamp, and then verify the content of the original data.

**Factom Proof of Ownership:**

If you want to claim insurance for property that is stolen, lost or destroyed, you have to prove that you owned the property. This is currently based more on folk-law than on data. Some people, under false threat of the claim being refused, find themselves making things up about where they purchased an item or how they paid for it. We don't think people should be pressured into making a guess that they truly can't remember.

We are exploring building an application to address this problem using Factom. The application will allow people to upload proof of purchase documents and photos of item(s) to be hashed, time-stamped and entered into the Factom blockchain. There will be a portal for insurance companies to view and verify the data, allowing for an auditable trail of proof of ownership.

## Marketing

A major focus of ours is increasing exposure of Factom. We strongly believe far too few people know about Factom, and this needs to change to ensure it is successful. We need to encourage



third party development as much as possible, and we plan to work hard to educate the cryptocurrency community about Factom and FCT. We believe increased exposure will be great for the Protocol from an adoption/development perspective, as well as from the perspective of FCT liquidity—which is currently low.

We believe increasing liquidity for FCT is important with the inflation of M3, as some Auth Node owners will need to sell FCT to cover costs and fund initiatives. We want to increase exposure within the cryptocurrency community to bring in more genuine buyers who can provide demand to offset any potential downward price pressure from M3's inflation.

We acknowledge that a lot of cryptocurrency projects are guilty of 'shilling', going way over the top with their 'marketing' and even misleading users. We plan to stick to Factom's highly professional reputation, providing marketing material that is accurate and presented with integrity. We will have professionalism at the heart of all that we do, including our efforts to increase exposure.

We will continue to engage with the Factom Discord and subreddit, increasing our efforts to answer people's questions and share quality content to drive exposure of Factom. We will explore different avenues to engage the cryptocurrency developer community—we believe exposing blockchain developers to the Protocol and encouraging them to build on it is one of the most valuable things that can be done at this stage.

## Final Thoughts

We are very grateful to be a part of the Factom community, and excited to contribute to the Protocol by hosting an Auth Set. We are incredibly excited by the range of industries and applications Factom can be applied to—from healthcare, to banking, to insurance, to security cameras, to deepfake videos. We have been following Factom closely for over a year now.

Alistair (FactomKiwi) has become well known within the community and has operated as a moderator for the last 6 months. Along with Reid, he was in The Factoid Authority in its early days, contributing to their initial campaign document that helped to spur the imminent rollout of M3. We all know a great deal about Factom, care a lot about it, and really want to see it succeed.

If selected, RewardChain will dedicate serious resources to furthering the Protocol, and we believe we are a perfect candidate to work closely with the Guides and the other Auth Node Operators through the critical initial deployment of M3.

