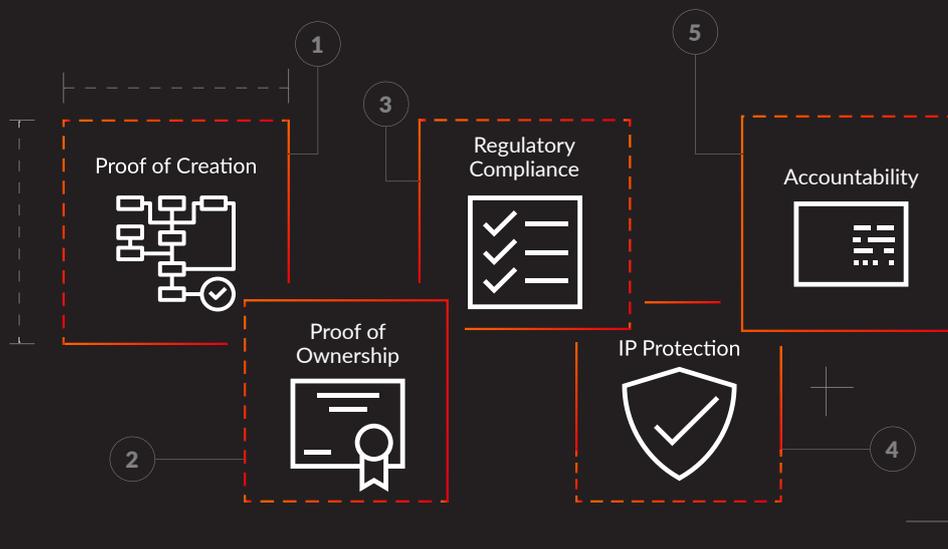




# P H O E N I X

The launch of the Red Pulse (RPX) smart contract and token was a major step in creating the necessary token and infrastructure upon which the Red Pulse ecosystem is built and was a resounding success. The next phase of our platform development now calls for an upgrade to our core infrastructure to support the upcoming Red Pulse PHOENIX open research platform, which will enable several core elements of our research and knowledge ecosystem:



1. **Proof of Creation** is achieved by creating a representative hash of produced content and storing it permanently on the blockchain alongside a creator/owner wallet address and timestamp.
2. **Proof of Ownership** is achieved by creating a transfer function that allows the owner to sign and transfer ownership to another entity, identified by another wallet address. Ownership and provenance is verified and auditable by traversing the public blockchain.
3. **Regulatory Compliance** is improved by providing an immutable record on the blockchain of specific information requests, as well as corresponding responses, to incentivize compliance with local and international laws and regulations related to confidential and material non-public information (MNPI), while ensuring a publicly verifiable system-of-record.
4. **IP Protection** is improved by comparing newly produced and hashed content with existing hashes previously stored on the blockchain and rejecting any attempts at storing identical content.
5. **Accountability** is achieved by associating a distinct wallet address to each research item on-chain, while a corresponding off-chain profile is maintained whereby credibility is established and earned on a continuous basis, with an incentive to preserve reputation.

**PHOENIX is built upon a new smart contract that embodies the above core elements. The following development and upgrade plan provides further detail into the business applications and technical specifications of the implementation.**