

Polymer Proof

Blockchain Powered Risk Mitigation in Applications



Covax Data's Polymer Proof is a multi-use data integrity solution built on our proprietary form of blockchain called Polymer Chain. Polymer Chain is a lightweight, highly-performant, energy efficient form of blockchain technology designed for high throughput environments.

Application log files should never be altered which makes them an ideal warning system to malicious behavior, whether from internal or external sources. Integrating with Polymer Proof to ensure the immutability of this data, and periodically compare the two versions creates such a system. This early warning system can also be extended to changes to critical IT infrastructure, such as the creation or elevation of users above a specific security threshold, like a system administrator being created in active directory. With the greater visibility provided by Polymer Proof, malicious behavior can be detected faster and more accurately, significantly reducing its negative impact.

Benefits & Features

Improved Veracity of Data - Blockchain technologies provide an independent notarization and storage of data committed to the chain, precluding it from the actions of the bad actors.

Low-cost Supplemental Defense - Compared to the economic and reputational cost of a data breach, and utilizing traditional forms of blockchain, Polymer Proof provides data assurance at an ultra-low cost.

Easy to Deploy - Developers can leverage the Polymer Proof Agent to easily connect to our APIs used for communicating with the blockchain, or connect directly.



Fast - Built for tens of thousands to hundreds of thousands of transactions per second



Secure - Cloud distributed makes Polymer Proof and Polymer Chain resilient, robust and secure



Intelligently Immutable - immutable doesn't need to mean forever - retain committed data only as long as needed



Covax Data is SOC-2 Certified
www.aicpa.org/soc4so

