Polymer Proof
Blockchain at the Speed of IoT

COVAX DATA

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.

The rapid proliferation of connected devices comprising the Internet of Things - IoT, IIoT, IoMT - has transformed business and the idea of the corporate network. Organizations need insight into their assets to better protect the integrity of both device and data. Polymer Proof provides a simple, cost effective way to build a chain of custody and proof of state for connected devices - important components in your security and risk mitigation protocols.

Benefits & Features

Improved Veracity of Data - Blockchain technologies provide an independent notarization and storage of data committed to the chain, precluding attacks of data manipulation.

Low-cost Visibility - Compared to utilizing traditional forms of blockchain, Polymer Proof provides data assurance at an ultra-low cost. Polymer Chain requires no customer participation for validating transactions.

Performance Insights - Build watch lists and alerts to be notified of data anomalies or out-of-range operations. This allows equipment to be pulled from service at the first sign of malfunction, or providing evidence of operation outside the approved scope.

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

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

Energy Efficient - Fractional power usage compared to traditional blockchains

Watchlists and Alerts - Subscribe to critical data for immediate insight

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

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

Authentication - Ensure who or what is committing data is valid and true