Solution Overview

Polymer Proof

Blockchain Powered Solutions for Government

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.

Government agencies face many of the same problems as private enterprise, only typically on a much larger and more critical scale. Government agencies need powerful, scalable solutions. Deployed tactically, Covax Data's blockchain solutions are a powerful tool in the CISO's box. From application security to creating a chain of custody for IoT devices, the data integrity provided by Polymer Proof forms a strong foundation for the multifaceted approach required by modern infrastructure.

Benefits & Features

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

Sample Use Cases

Chain of Custody/Evidence

Establish and maintain a digital provenance for critical data by committing hashed data and events to the Polymer Chain. Polymer Proof's performance allows for blockchain-based chain of custody creation even in high throughput, low-latency applications such as IoT.

Software Supply Chain

Software publishers face many threats but none greater than becoming weaponized by bad actors against their own customers. Polymer Proof provides periodic or continual validation of published versions compared to what the customer is attempting to use, preventing malicious or pirated code from being used.

AICPA SOC

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