SUPPLY CHAIN TOKENIZATION

Manufacture blockchain tracking directly into parts. By integrating physical blockchain features into the structure of the part itself, our technology can individually manage parts from cradle to grave. We provide extreme durability to overcome bad actors and catastrophic damage, giving confidence in critical applications, identifying counterfeit parts, and stopping sanctions violations.

The example above shows our identifying features in red on an aircraft fuel valve. They are an integral part of the valve's metal body, wrapping around all three pipe sections and running along the side for redundancy. Thanks to this, if the fuel valve fails catastrophically and destroys the aircraft in a fire, investigators will still be able to read the identifying information from fragments of the valve. This will allow the faulty valve's history to be reviewed all the way back to the mine when investigating the accident. The blockchain will also let investigators identify and track related parts which might also be faulty so they can be removed before they fail and destroy another aircraft.

Our blockchain technology can also store and validate critical data. For example, we can encrypt files in such a way that notch measurements are necessary to decrypt it. This hybrid physical-digital system allows parts to be correlated with data ranging from 3D printing files to firmware. Contact us for purchasing and licensing options.