GumboNet Standard: Additive Manufacturing

Product Description

The GumboNet Standard Additive Manufacturing contract automates the tracking and reporting of the manufacturing process history for custom printed parts. This smart contract is designed to work in conjunction with a separate software platform that manages the ordering and print status of custom parts. As steps in the manufacturing process are executed, compliance with predefined standards is checked and part history is stored on the blockchain and available for future reporting.
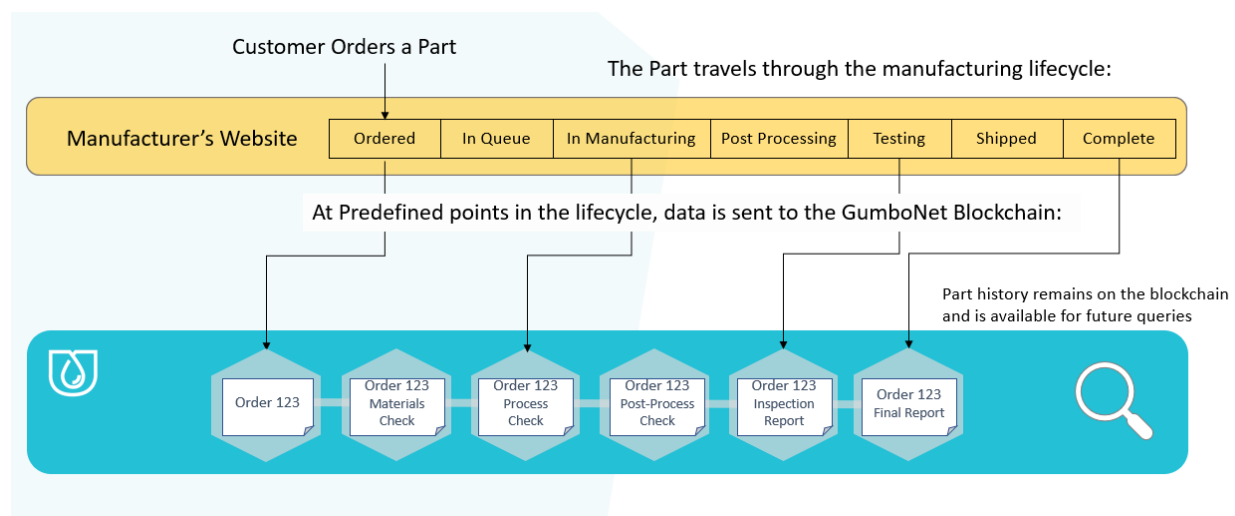
Target Audience

Designed for Additive Manufacturing Vendors and their Customers

Features & Benefits

- Tracks typical steps in the lifecycle of Additive Manufacturing of industrial parts:
  - Order entry
  - Certifications of manufacturing facilities
  - Inspection history of manufacturing facilities
  - Materials suitability / material test results at a batch level
  - Manufacturing conditions during various steps in the process, such as material temperatures, pressures, and more
- Compares Manufacturing conditions during the print process to predefined thresholds and flags any steps that do not meet manufacturing standards
- Automatically emails reports of manufacturing steps to predefined distribution lists.
- Can be run on-demand when the data is received from other systems.
- Data can be manually entered if system integration is not available.
- Allows for long term part history using an easy Search feature, to get the manufacturing history of custom parts.

How It Works

Who Gets It

Any company subscribing to GumboNet can download this smart contract template from GumboStore and deploy it as many times as required by operations with different service providers or assets.

Pricing

Data Gumbo charges a fee of 0.333% of the value of charges processed, billed monthly.

Questions?

Contact sales@datagumbo.com or the listing page in GumboStore for more information.