DigiPART™

Software solution

Simplify and decarbonize spare parts supply chain with additive manufacturing

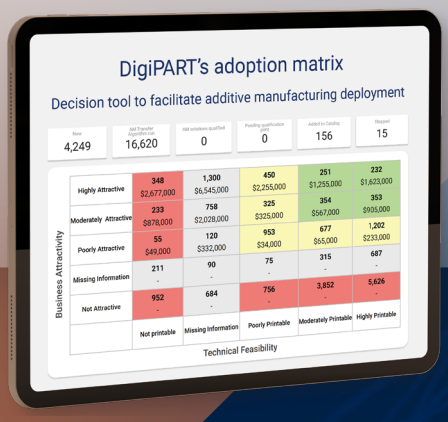
SpareParts 3D

What is DigiPART™ ?

DigiPART™ is a unique end-to-end, machine learning based, analytical and decision tool to implement additive manufacturing to your spare parts inventory… at scale.

DigiPART™ IDENTIFY

Use the AM adoption matrix to map your priorities



DigiPART™ DEPLOY

Business Intelligence tools to support your AM deployment roadmap

DigiPART™ CATALOG

Build your secured "additive manufacturing ready" digital inventory

DigiPART™ PRINT

3D print on demand in plastic, metal or ceramic in 25 countries

Why DigiPART™ ?

Context

- Conventionally manufactured spare parts suffer from unpredictable, costly and unsustainable supply chains
- Additive manufacturing is a proven technology for metal, polymer, and ceramic parts
- Additive manufacturing is a strategic technology that reduces parts inventory, minimum order quantities, lead time and obsolescence

However, industrial companies might not have:

- All the necessary data
- The knowledge to identify parts suitable for additive manufacturing
- The skills to build a digital inventory
- The resources to scale additive manufacturing to the full parts inventory

DigiPART™ adds value as it is:

- **Adaptive:** It adapts to our client's respective data situation. DigiPART™ actually enriches missing data. No 3D models are needed to start the analysis.
- **Accurate and scalable.** DigiPART™'s results show an average of 17% false-positives thanks to its rigorous method of functional specification blue print definition. DigiPART™ can analyze batches of +100K Skus.
- **Fully transparent.** Data and results are fully traceable

As a result, client's benefits are:

- **Efficient additive manufacturing adoption process.** In 6 weeks DigiPART™ yields a technical and economical printability report for 10 000 Skus
- **Value generating proposition.** On average, business cases show 8% gain on most supply chain issues (inventory, MOQ, lead time reduction, etc.)
- **More robust and resilient spare parts supply chain.** Additive manufacturing allows for more agility in manufacturing spare parts
- **Reduced carbon footprint.** Parts are only printed on-demand and where they are needed

Young innovative company

JEI Jeune Entreprise Innovante

About SpareParts 3D

Our clients

Braskem

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Cohu

NAMIC NATIONAL ADDITIVE MANUFACTURING INNOVATION CLUSTER

شركة تنمية نفط عمان Petroleum Development Oman

SWTS A PSN COMPANY

كفاك QAFAC شركة قطر للإضافات البترولية المحدودة Qatar Fuel Additives Company Limited

SAIPEM

MARINE NATIONALE

Member of

avenia

SSIA Singapore Semiconductor Industry Association

MOBILITY mga WE BOOST AM

La FRENCH FAB

La FRENCH TECH

FRANCE ADDITIVE FILIÈRE IMPRESSION 3D

cap·digital Paris Region

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