

What is Decentralized Manufacturing?

Decentralized Manufacturing (DeMan™) leverages public blockchains and 3D printing to move manufacturing outside the four walls of the factory using digital supply chains to push digital designs to the point of use and manufactured at the time of need.

Use Cases



More flexible approach to supply chain management.



Shorter part lead times.



Improved resiliency with supply chain optionality.



Eliminate nonvalue added costs.



Improve part obsolescence issues and diminished supplier availability.



Shorter production processes.



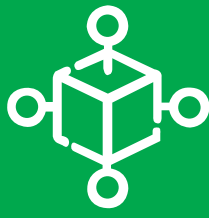
Lot size of 1...no need for bulk manufacturing.



With 3D printing less waste and lower carbon footprint

Traditional vs. Decentralized Manufacturing (DeMan)

Traditional

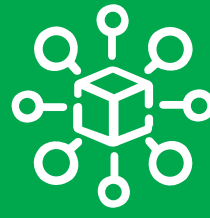


Centralized

Many Logistics Moves

Lacked Trust

DeMan



Decentralized

Rapid Design to Production Cycle

Blockchain Enabled Trust

Risks



Adoption of Design Allowables



Data Rights Management



Future of Decentralized Manufacturing (DeMan™)

- DeMan will create new business models and value.
- DeMan will provide GREEN manufacturing solutions.
- US DoD pushing digital solutions and DeMan.
- Industries...automotive, aerospace and medical moving to DeMan.

