



THE
GENESIS
OF THINGS
PROJECT

The future of manufacturing will be decentralized, enabled by disruptive digital production technologies. The winners in this new world will be those companies able to leverage this disruption to profitably meet the ever changing needs of a globally distributed customer—not only by reducing inventory costs and lead times, but also by increasing production efficiency and bringing product life cycle management to the next dimension.

3D printing is among the most promising technologies capable of bringing fundamental changes to how the world manufactures goods. But, the industrial use of 3D printing has been held back by high initial investment costs and a poor ability to securely transfer and monetize proprietary digital information such as designs and production processes.

We have developed a game-changing open, secure platform to decentralize industrial manufacturing, allowing users to:

- Find and contract the best 3D printer for their production needs
- Securely transfer 3D files directly into a 3D printer, with zero human access
- Set up smart contracts to regulate, track and automate access, use, logistics, rights and payments
- Tag products with a transparent, traceable, non-editable digital product memory

In order to develop an open, secure, intelligent, and highly usable platform at industry scale, the Genesis of Things project has brought together global frontrunners in industrial 3D printing, blockchain, chip cryptography, and machine learning technologies, including Innogy, Cognizant, 3D Makers Zone, 3YourMind, EOS, BigChainDB, Riddle & Code, and Intel.

In addition to removing system-wide inefficiencies, our platform delivers real value to individual organizations facing:

- High costs to control, monitor and inspect manufacturing processes
- High inventory with slow turnover
- Demand for shorter lead times
- Physical limitations of traditional production processes
- Shortage of in-house production capacity
- Underutilized industrial 3D printing capacity

We are building a decentralized manufacturing world to securely, efficiently deliver products where and when needed, while protecting the rights of all stakeholders.

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