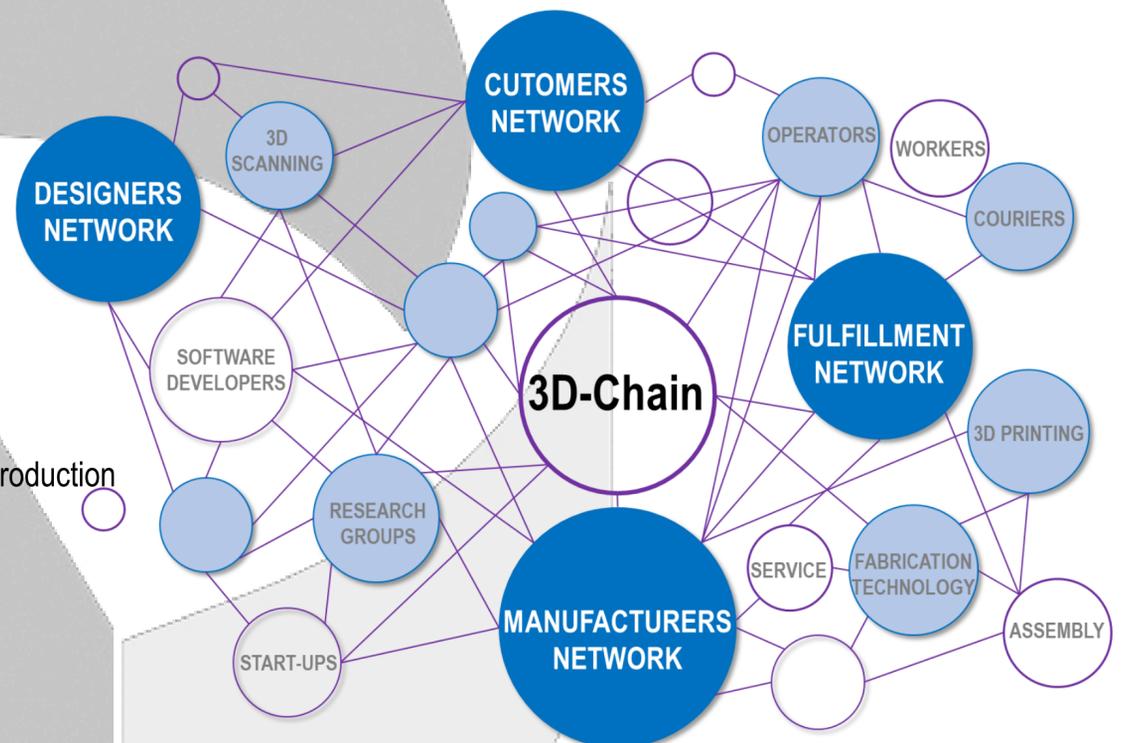


3D-Chain is an open-source platform based on collections of smart contracts which aims to become the key ecosystem for **Manufacturers, Designers** and **Customers**. This platform enables decentralization of manufacturing through network of decentralized **3D Printers** and **Automated Fabrication Technologies**.

Demand for personalized design is exponentially growing every year and soon dominate the manufacturing and the economy since personalized items are more appealing to customers than mass-produce items. However, manufacturing new items and personalizing them are very expensive and time-consuming. **3D-Chain** facilitates the **mass customization** through its network to answer this global demand.

3D-Chain provides a hybrid solution for mainstream applications of **3D Printers** and **Automated Fabrication Technologies**. The network is designed to incentivize and reward beneficial players. 3D-Chain's mission and objectives are:

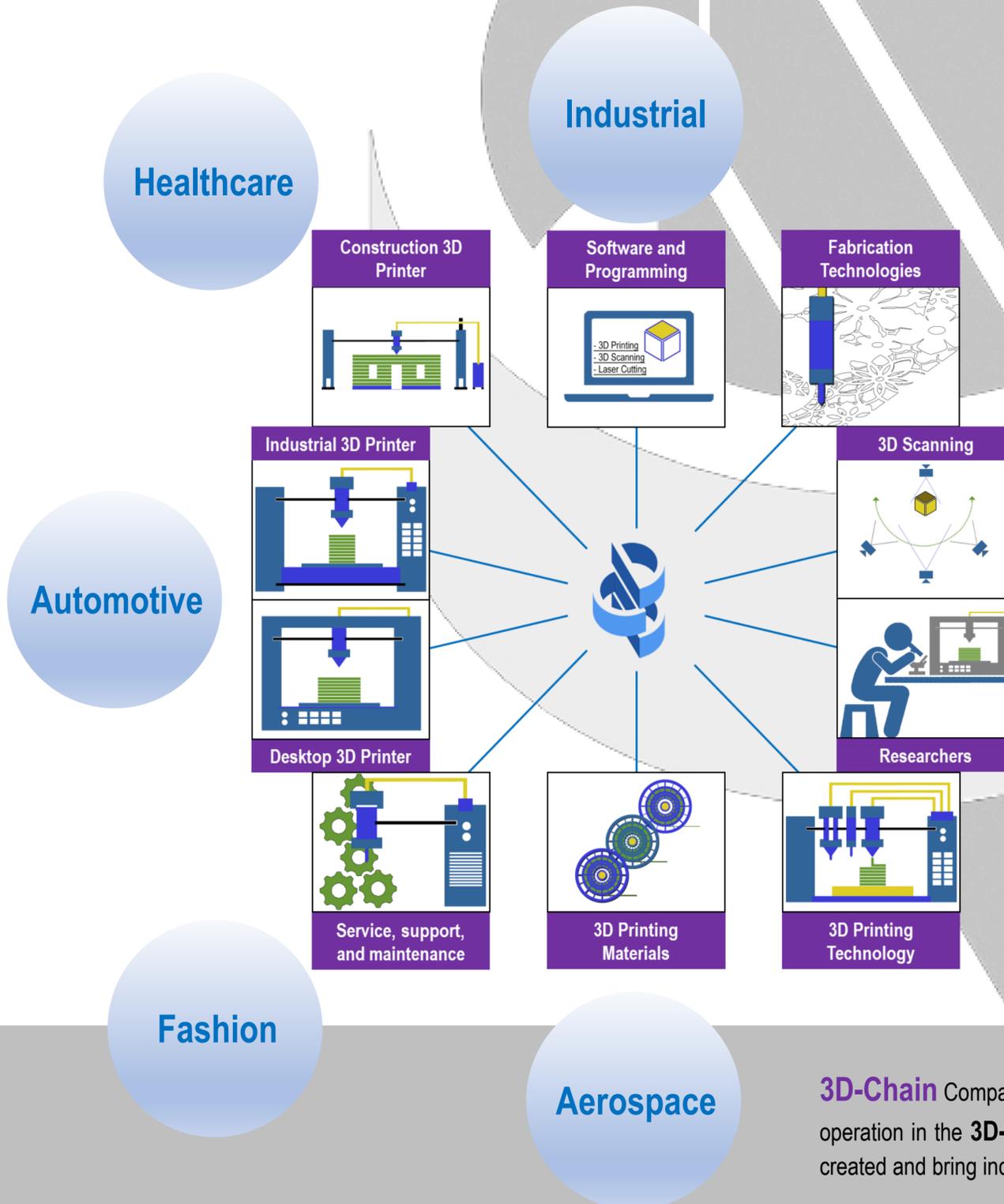
- Developing and building innovation processes that prioritize global growth in economy
- Supporting software infrastructure
- Bringing the value of **blockchain** technology to accelerate the productivity
- Addressing cross-functional components in manufacturing and design
- Decentralizing manufacturing to:
 - Solve Complexity in Manufacturing and Simplify the **supply chain**
 - Increase transparency
 - Reduce Cost and waiting time
 - Manage Inventory and waste
- Unlocking mass customization
- Setting up a platform for researchers to brings new ideas and products to the mainstream production
- Evaluating customer, business, manufacturers, services providers, and suppliers



Today, manufacturing is not about where to locate production, but it is about changing in customer's demand, resiliency in supply chain, and cost factors. **Blockchain** technology gives manufacturing an opportunity to transform the **supply chain** into a **decentralized** environment to achieve a new level of productivity and efficiency. **3D-Chain** introduces the first **supply chain** using **cryptography** for expansion of **3D Printers** and **Automated Fabrication Technologies** to consumer market (B2C) and industrial applications (B2B).

3D-Chain's audiences are as follow:

- 3D Printing solutions (Desktop, Industrial)
- 3D Printing services
- 3D Printing materials
- 3D Printing accessories
- 3D Printing consultation
- 3D Printing software (Printing, Design, and Inspection)
- 3D Scanning services
- Manufacturers
- Fabrication technology providers
- Designers and Computer-aided design (CAD) developers
- Distributers and wholesalers
- End users and customers
- Educators and researchers in 3D Printing and fabrication technology



3D-Chain Company is focused on releasing open source **cryptographic** technologies that enable operation in the **3D-Chain** ecosystem. To impalement the platform, **3D-Chain tokens (3xD)** was created and bring incentive for **Manufacturers, Designers** and **Customers** to join the platform.

