VIMANA Global, headquartered in Redwood City, CA, and with offices in the United States, UAE, India, and Singapore develops VIMANA Universe solutions, where VIMANA Network is a flagship product consisting of blockchain nodes, VIMANA AAVs, and VIMANA protocols enabling the network and connecting it to blockchain. VIMANA Network is accessible to partners and third parties admitted to VIMANA Ecosystem via open APIs.

A dominant player in the emerging $1 trillion Blockchain Airspace market, VIMANA Global is a facilities-based network operator of a blockchain network that is literally lifted into the air by VIMANA fleet of Vertical Take Off and Landing Autonomous Aerial Vehicles (VTOL AAVs) and other vessels interoperable with VIMANA's network. Based on a breakthrough patent-pending invention that allows VIMANA combine capabilities of an airplane, helicopter and Unmanned Aerial Vehicle (UAV) on a single platform, VIMANA is using blockchain technology to operate its aircraft and enable blockchain applications in the air at the same time.

VIMANA is part of a handful aerospace companies in the world that has a flying VTOL AAV prototype that was purpose built for urban use, as an air taxi, air limo or as a dual purpose passenger or cargo air vehicle. VIMANA VTOL AAVs are a marvel of aerospace engineering, patent-pending with the U.S. Patent and Trademark Office and acknowledged by lead engineers from international space programs, top five aerospace manufacturers, and executives from world's largest transportation companies.

VIMANA Network relies on blockchain for uptime availability and scalable and secure information storage. What does this mean? Blockchain is always up. VIMANA engineered its infrastructure in a way that supports immediate availability and discovery of blockchain airspace nodes. To do that, VIMANA developed a dedicated blockchain that meets latency and availability criteria of air traffic control. VIMANA Networks runs protocols that allow to store data on aircraft and passengers on blockchain, a scalable and secure storage solution.