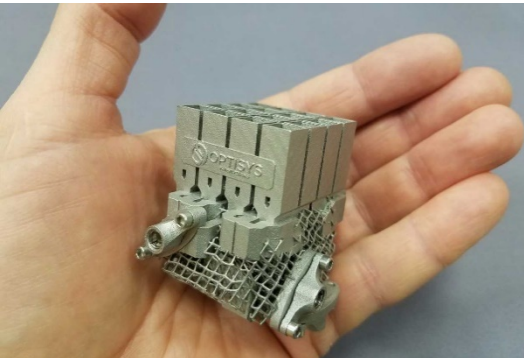




# High Performance Antennas Metal 3D Printed Design, Manufacture, Testing



## Capability Statement

Optisys is an antenna design company that specializes in the use of metal 3D printing. We design and manufacture highly integrated antenna structures with higher performance, lower SWaP-C, and extremely reduced lead times.

Our approach enables scaling, mixing, and matching of an existing library of antenna subcomponents to develop modular product solutions. AI software will future reduce lead times to the end customers. This allows for custom antenna systems at rapid lead times and lower cost.

## Company Snapshot

**Founded:** 2016

**CAGE Code:** 7QGS8

**DUNS:** 080406926

**NAICS:** 334220, 541330,  
541490, 541712, 541990

**Employees:** 30

**Small Business:** SBC\_001191447

**Certifications:** AS 9100, ISO 9001

**ITAR:** Registered

**EIN / TIN:** 812749105

## Overview:

- Antenna Design Company
- High Performance Antennas
- Reduced SWaP-C
- Reduced Lead Times

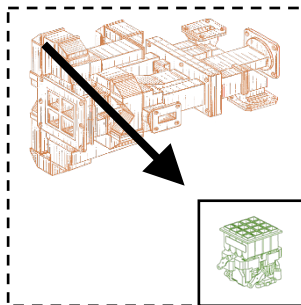
## Product Services:

- Antenna/RF Design
- Mechanical Design
- Systems Engineering
- Additive Engineering
- Additive Manufacturing
- Antenna/RF Testing

## Applications:

- Satellites, CubeSats
- Air/Ground SATCOM
- Radar / SAR
- UAV Communications
- Soldier C4ISR
- Military/Commercial

## Value Proposition



	Typical	Optisys
Design time	12 months	2 months
Manufacturing time	6 months	2 months
Part count	100	1
Weight (pounds)	10	0.1
Size (inches)	20	2

## Antenna Types

Phased arrays, Passive arrays, Antenna feeds, Horn arrays, Slotted arrays, Monopulse tracking, Polarizers, Filters, Switches, Combiners, Gearing, Structural components, Thermal feature integration, Omni antennas, Tracking antennas, etc.

### Small Business POC

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