

1

PLATFORMS (Autonomous vehicles for commercial uses; the vehicle should be remotely piloted or have the ability to navigate on its own)

1.1

Air

- 1.1.1 Rotary
- 1.1.2 Fixed Wing
- 1.1.3 Vertical Take Off and Landing (VTOL)
- 1.1.4 Aerostat (Tethered Blimp)

Ground

Small Ground Vehicles

- 1.2.1.1 Reconnaissance purposes (video/audio throw bots)
- 1.2.1.2 Special industrial activities
- 1.2.1.3 Mobility purposes
- 1.2.2 Package Delivery Vehicles (Last Mile Delivery)
- 1.2.3 Passenger Cars
- 1.2.4 Mass Transit
 - 1.2.4.1 Local
 - 1.2.4.2 Long Distance
- 1.2.5 Trucking/Freight
- 1.2.6 Specialized Industry Specific Robots
 - 1.2.6.1 Agriculture
 - 1.2.6.2 Construction/Mining
 - 1.2.6.3 Warehousing
 - 1.2.6.4 Retail
 - 1.2.6.5 Image capture/Inspection

Maritime – Water Surface

Small (autonomous security)

- 1.3.2 Mid
- 1.3.3 Large

Maritime – Subsurface

Unmanned underwater vehicle (UUV)

Autonomous underwater vehicle (AUV)

- 1.4.2 Tethered or stand alone
- 1.4.3 Rovers Google Deep Trekker
- 1.4.4 Sea gliders

Space

Air (rockets)

- 1.5.2 Ground (Rover)

COMPONENTS + SENSORS

2

2.1

Imaging/Vision

LiDAR

- 2.1.2 Camera
- 2.1.3 IR (infrared)

Chips/Processors

Communication Systems

Computer Systems

Hardware

Gyro meter

- 2.5.2 Altimeter

2.6

Software

- 2.6.1 Cyber Security

2.7

Electrical/Electric Assembly/Electronics

2.8

Engines

2.9

Flight Control Systems

2.10

Launch and Recovery Systems

- 2.10.1 Launchers
- 2.10.2 Parachute
- 2.10.3 Landing pads/targets
- 2.10.4 Nets

2.11

Materials

- 2.11.1 Composites
- 2.11.2 3D printing
- 2.11.3 Metals
- 2.11.4 Rubber

2.12

Motor Controllers

2.13

Navigation Systems

- 2.13.1 GPS
- 2.13.2 Mesh networks

2.14

Payloads

- 2.14.1 Gimbals
- 2.14.2 Arms/Grabbers/Manipulation Devices

2.15

Power and Fuel Systems

- 2.15.1 Gas
 - 2.15.1.1 Fuel Bladder
- 2.15.2 Battery/Electric
- 2.15.3 Hydrogen
- 2.15.4 Solar
- 2.15.5 Wind
- 2.15.6 Gliders (maritime)

2.16

Propellers/Propulsion/Transmissions

2.17

Radar/Non-Visual Sensor

2.18

Safety Systems

3

Services

3.1

Consulting

3.2

Data

- 3.2.1 Data Storage
- 3.2.2 Data/Image Analysis
- 3.2.3 Cloud Services

3.3

Education/Training

3.4

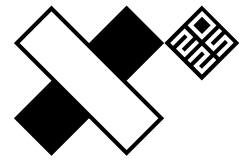
Academia

3.5

Research

3.6

Encryption



3.7	Fabrication
3.8	Freelance
3.9	Imagery
3.9.1	Photography
3.9.2	Videography
3.10	Inspections
3.11	Insurance
3.12	Industry 4.0
3.12.1	IoT (collective network)
3.12.2	IIoT (collective network for industry and applications)
3.12.3	M2M (Machine to machine communication)
3.13	Legal
3.14	Maintenance
3.15	Repair
3.15.1	Overhaul
3.16	Research/Development/Engineering
3.17	Distribution
3.18	Testing
3.19	Value-Added Resellers
3.20	Drone-as-a-service (on-demand drone pilots)
3.21	System Integrators
3.22	Connectivity
3.22.1	Wireless Carriers
3.22.2	Operators
3.22.3	Network Providers
3.23	Air Traffic Management / Unmanned Traffic Management (ATM / UTM)