



Orbit Investors Presentation
Growing Together
May 2021



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Orbit at a Glance

<http://orbit-cs.com/>

Orbit is a leading global provider of innovative and highly reliable airborne audio, satcoms, and tracking

Based in Israel and the US, with international sales, production and support facilities

Founded in 1950 as a start up electronics company, Orbit pioneered precision tracking systems

Today, Orbit is a global market leader with technology superiority in airborne audio management and mobile satellite communication

Orbit is a publicly listed company (TASE), combining a strong balance sheet with productive R&D investment



Significant Install Base

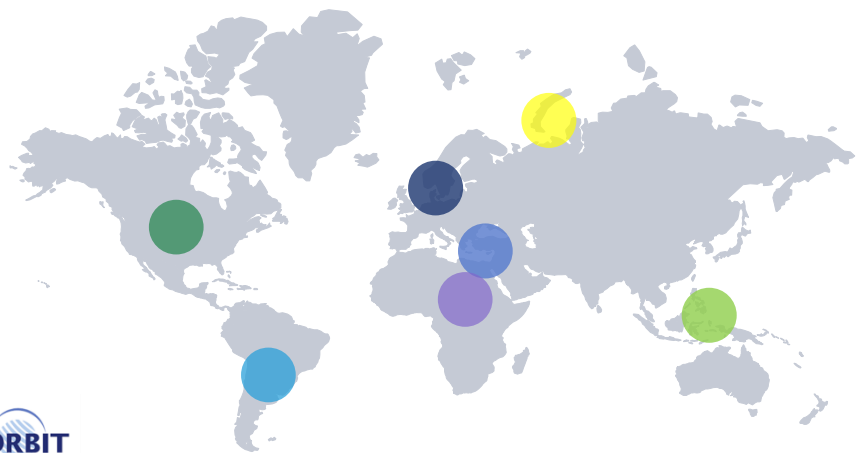
3,500+
Airborne Systems

4,000+
Maritime Systems

1,500+
Ground Systems

Orbit Customer Base

- **Orbit** serves a diverse, blue-chip international customer base
- **Customers** located in **55** different countries
- **Key development partners** include Boeing, Lockheed Martin, SES, Inmarsat, Airbus, Rafael and IAI



US, NATO & International
Armed Forces

ESA, NASA and National
Space Agencies

Emerging New
Space Entrants

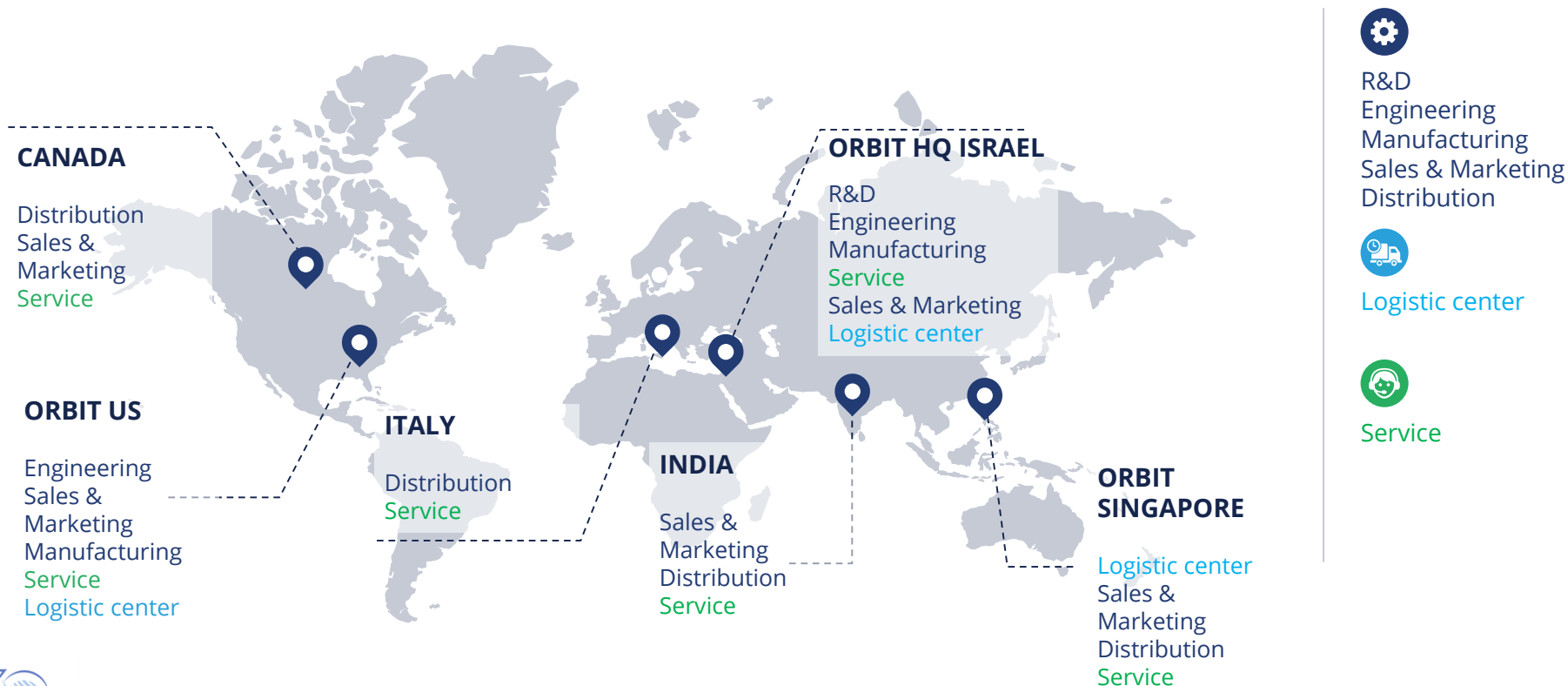
Satellite
Operators

Earth Observation
Companies

Aircraft
Manufacturers



Orbit Global Network



Main Product Segments

Airborne Audio



- **Pioneer** in Airborne Satcoms and Audio Management
- **Civil and DoD/MoD** qualifications and certifications
- **Tailored solutions** for a broad range of aircraft, helicopters and UAVs

Mobile Satellite Communication



- **Airborne** Satellite Communication
- **Maritime** Satellite Communication
- **Long-standing supplier** to US and NATO Navies and Air Forces

Ground Systems



- Top supplier of compact Ground Stations for '**New Space**' and **Earth Observation**
- Range of fixed and transportable **Turn-Key Telemetry and Tracking Solutions**

Prime Customers & Partners

Airborne Audio



Audio Management Systems with integrated 3D, ANR



Mobile Satellite Communication



Airborne and Maritime Satellite Communication



Ground Systems



'New Space', Earth Observation, LOS and Telemetry Systems





(EPA)

Audio Management Systems

Orbit Market

New Market

Focus market

Long-Term Market



UAV

Radio Gateway



Ground Station



Trainer & Fighter

Orion Trainer

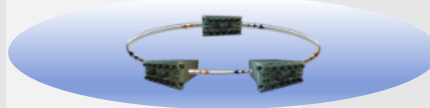


Orion Combat

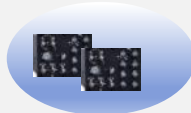


Helicopter

Orion Helicopter



Orion Combat



Transport

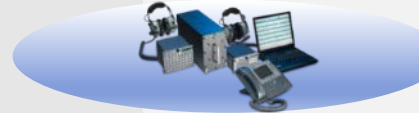


Mission

ADAMS

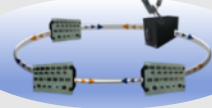


ADAMS IP (AMSIP)



Airliner

Orion Airliner



Airborne Audio Management – Substantial Opportunities

- Large Install Base
- Thousands of Flying Systems
- Leading-edge technical features on Orion™ including 3D audio and Active Noise Reduction
- Growth potential to Rotorcrafts and Ground Platforms



AMS Significant Install Base – Partial Snapshot

Year	Customer	Platform
1991	US Army	Army Helicopters
1995	Lockheed Martin	Classified
1996	IAI & Boeing	T-38
1997	Gulfstream	G 4
1998	Rockwell Collins	KC-135
2001	Gulfstream	G-3/4/5
2002	US Navy	Confidential
2004	Airbus DS	C-295, CN-235
2009	US Homeland Security	Confidential
2013	Antonov	Confidential

Year	Customer	Platform
2013	UAC	MC-21
2014	Undisclosed OEM	Trainer
2015	Airbus DS	C-295
2016	Undisclosed OEM	Gen 4 Fighter
2018	US Air Force	KC-135
2018	Embraer	Confidential
2019	IAI	Heron TP
2020	Boeing	T-7A
2020	Lockheed Martin	F-16

Growing Relationship with Leading OEMs

INTELLIGENT
AEROSPACE
GLOBAL AEROSPACE TECHNOLOGY NETWORK

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LOG INREGISTER

COMMERCIALMILITARYAVIONICSATC/ATMHELICOPTERSATCOMUNMANNED

HOME | MILITARY

Boeing selects Orbit's audio management system (AMS) for new USAF trainer

Orbit's Orion AMS to be integrated into the U.S. Air Force's new T-7A Red Hawk advanced pilot training system.

May 6th, 2020





RELATED

Home
Orbit Communication Systems
May 5th, 2020

Home
Boeing
Jan 30th, 2020

LATEST IN MILITARY

F-16 Orion Recent Award

ORBIT REPORTS A MAJOR COMPETITIVE WIN ON A LOCKHEED MARTIN BID FOR THE DEVELOPMENT AND PRODUCTION OF THE NEXT GENERATION 3D AUDIO MANAGEMENT SYSTEMS FOR F-16 AIRCRAFT

Estimated Long Term Agreement Contract Value of \$46 Million

\$46 Million Contract

Deerfield Beach, Florida, August 23, 2020 – Orbit Communication Systems Inc., the U.S. subsidiary of Orbit Communication Systems Ltd. (TASE: ORBI), who specializes in satellite communication, tracking systems, and airborne communication and audio management solutions, announced today that Lockheed Martin Corporation (NYSE: LMT) selected its Orion™ Combat 3D Audio Management System (3D-AMS) for the next generation avionics suite of the F-16. The Long-Term Agreement includes development, production, and sustainment of audio management systems valued at an estimated contract of \$46 million.

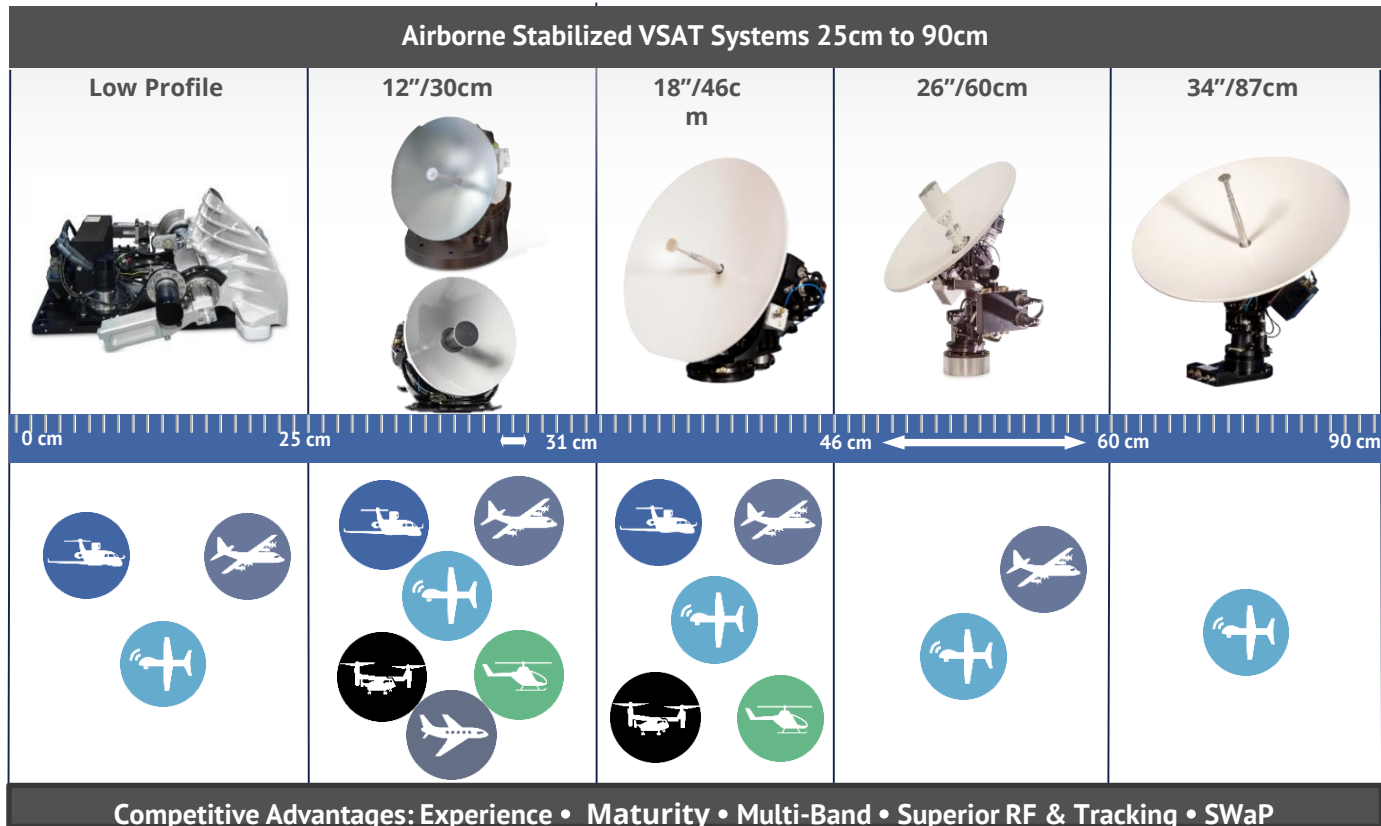
This agreement will enable continued delivery on current F-16s commitments for partners around the world. The F-16 has been proving its value for decades and continues to remain the best value among 4th generations jets for its high-tech capabilities and affordable lifecycle costs. Today approximately 3,000 aircraft are flying in more than 25 countries.





Airborne Satellite Communication

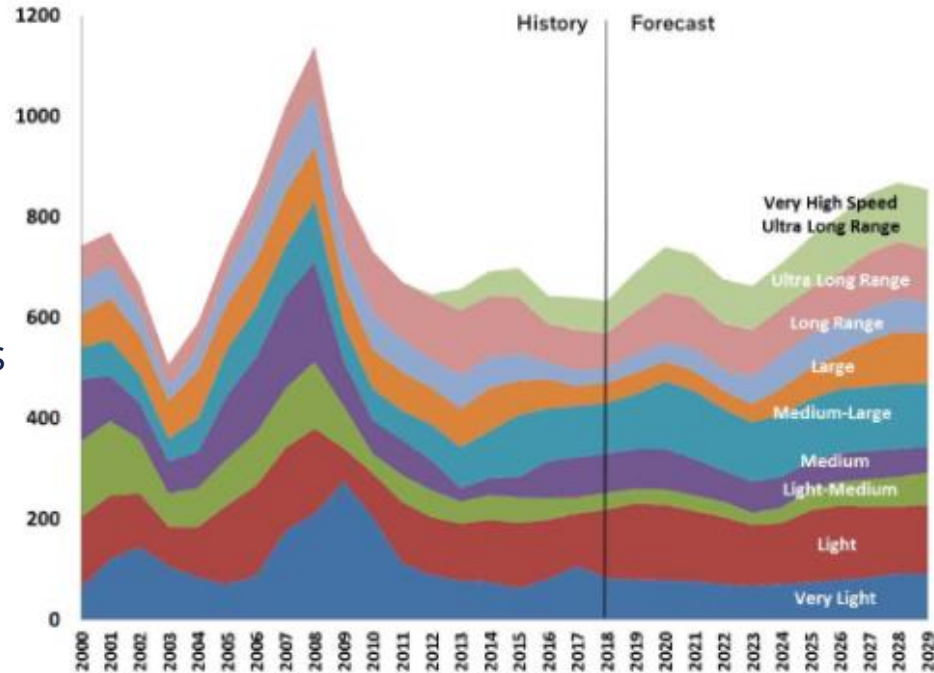
Airborne Satcom



- Transport
- Mission / ISR
- UAS
- VTOL's
- Rotary Wing
- Business Jets

2019 BUSINESS JET DELIVERY FORECAST IN UNITS

Airborne
Satellite
Communication
Product Line
Growth
- 12" and 18"
Antenna terminals



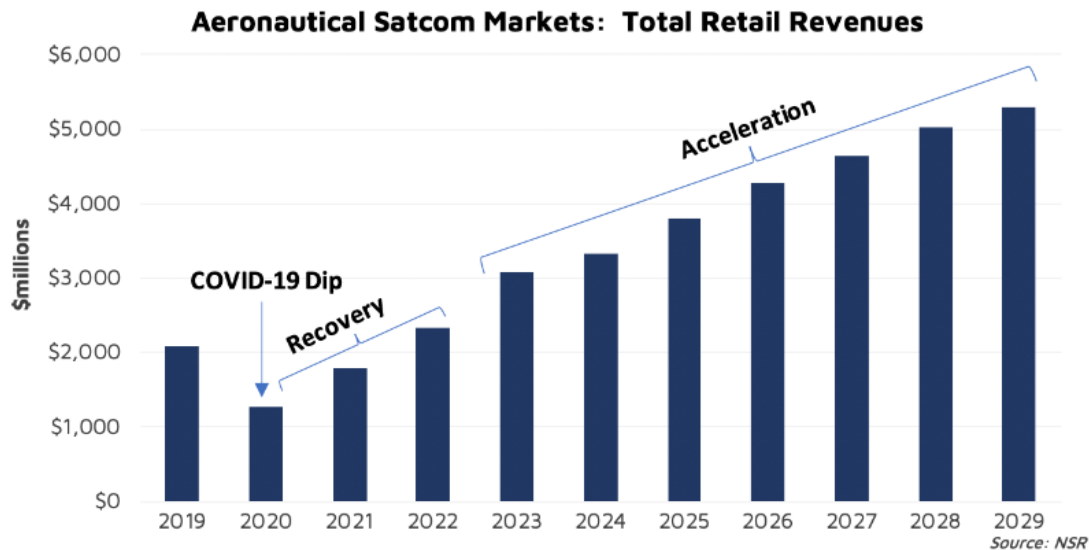
~7,600 Aircraft from 2020-2029



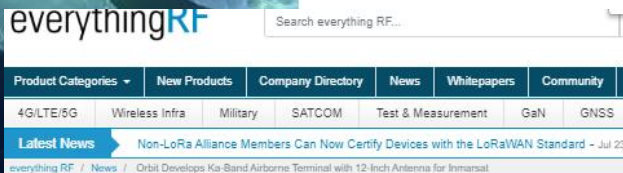
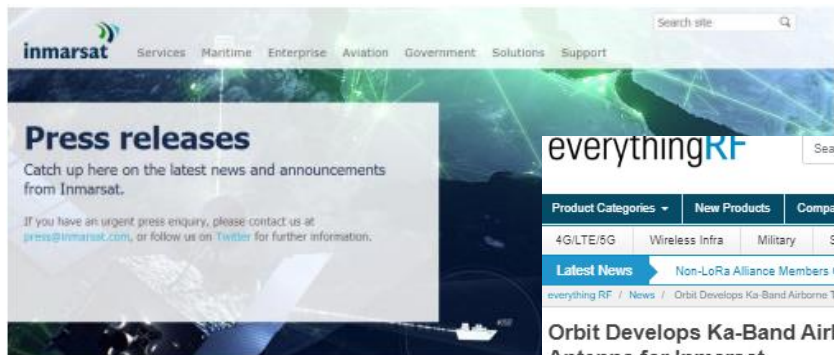
Over the next decade Honeywell Aerospace forecasts deliveries of 7,600 business jets (not counting bizliners such as the BBJ and ACJ, or personal jets like the VisionJet), worth an approximate \$248 billion.

Airborne Satellite Communication – Growth Engine

- **Global fast adaptation** of in-flight connectivity
- **New Airborne Satellite Communication – Superior performance**



Airborne Satellite Communication Recent Publications



Orbit Develops Ka-Band Airborne Terminal with 12-Inch Antenna for Inmarsat

January 23, 2020



Image for representation: A CAEW-based surveillance jet photo (Wikimedia Commons)

Orbit Communication Systems and Inmarsat, have announced the development of an innovative new Ka-band multi-purpose airborne terminal (MPT). The compact MPT 30WGX, featuring a 30-cm (12") antenna, will be able to deliver high-throughput wideband communications via the Inmarsat Global Xpress worldwide network for a broad range of airborne platforms.

Inmarsat Government orders large block of airborne SATCOM terminals from Orbit after achieving critical co-development milestone

New 46cm (18inch) Ka-band multi-purpose terminal meets pressing market need for seamless worldwide connectivity with Unmanned Aircraft Systems (UAS).

December 19, 2019 – Orbit Communication Systems Ltd. (TASE: ORBI), a leading global provider of airborne communications and satellite-tracking maritime and ground-station solutions, and Inmarsat Government, a leading provider of global mobile satellite communications and managed network services to the U.S. government, today announced an initial order from Inmarsat Government for Orbit's Multi-Purpose Terminal (MPT) 46WGX.



Orbit to Supply Airborne Satcom, Ground Pedestal Solutions for Heron TP

Rafael placed a \$5.5 million order for Orbit's MPT 67 airborne satcom terminals and AL-4018 ground pedestals for integration into IAI's Heron TP MALE UAV.

Israel Defense | 19/05/2019

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Maritime Satellite Communication

Maritime systems



End Users /
integrators

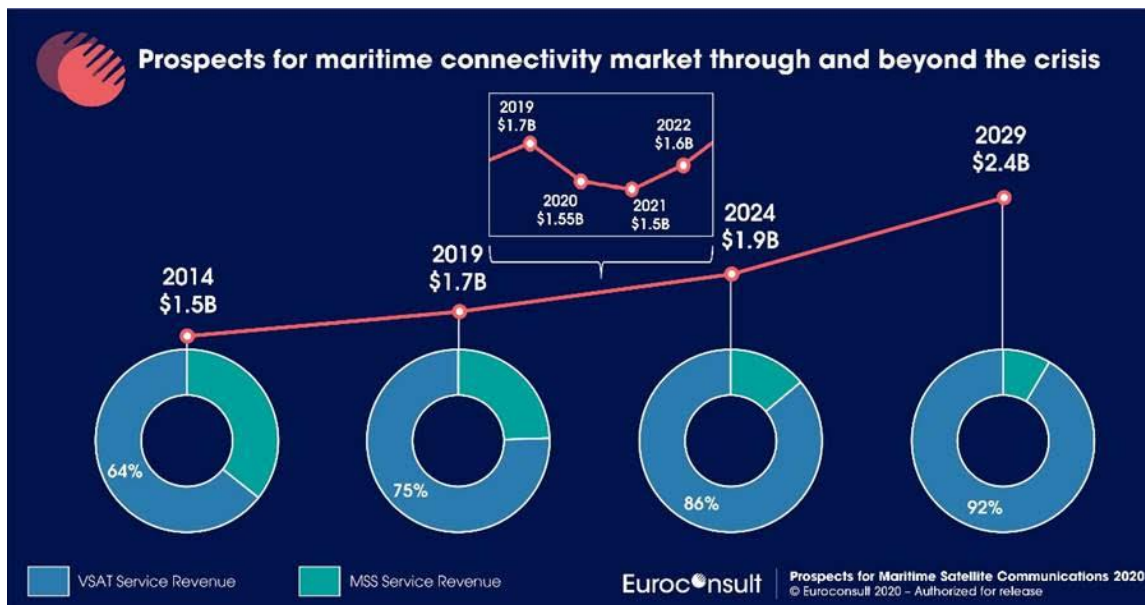


Satellite owners



Maritime Satcom – Expanding Market Position

- **OceanTRx** has rapidly become a leader in large cruise ship
 - Now on 12 of 15 largest liners
 - More than 25 Navies using Orbit Products
 - Integrated New Space Support for NGSO Satellites



Strong Maritime Presence

ORBIT EXPANDS DELIVERY OF DUAL-BAND (KU/X) MARITIME SATCOM TERMINALS FOR THE POLISH NAVY

Ease of switching between X and Ku bands and all-weather reliability key factors influencing the deployment of OceanTRx™4 systems aboard Cormorant-Class Minehunters

Netanya, Israel, 3 September 2019 – Orbit Communications Systems Ltd. (TASE: ORBI), a leading global provider of satellite tracking maritime, airborne and ground-station solutions, announced today that systems integrator THIESTA, ordered additional dual-band OceanTRx 4 systems for the PGZ Group, the leading contractor of naval navigation, communications and combat systems in Poland, for deployment aboard the Polish Navy's Cormorant-Class Minehunter.

OceanTRx 4 is a rugged and innovative stabilized dual-band maritime satcom platform. It further expands Orbit's industry leading OceanTRx series, featuring outstanding RF performance, system availability and dynamic response under virtually any offshore conditions. Supporting the mission-critical broadband needs of navy vessels, it was designed for one day deployment and simple updates and maintenance. Orbit's maritime platform provides outstanding performance and high reliability, while achieving a low total cost of ownership.



Cormorant-class minehunter photo by Lukasz Dejnarowicz for interia.pl

TENTH NAVY ORDER FOR ORBIT'S MARITIME SATCOM TERMINALS

Asian Navy signs US\$2.7 million contract for a combination of OceanTRx 4 and OceanTRx 7 systems

Washington, DC, March 11, 2020 – Orbit Communications Systems Ltd. (TASE: ORBI), a leading global provider of satellite-tracking maritime, airborne and ground-station solutions, announced today at the Satellite 2020 Conference in Washington, DC, a new US\$2.7 million contract with a major Asian Navy for a combination of OceanTRx 4 and OceanTRx 7 maritime satcom terminals, and associated spares.

This order represents the tenth Navy to select Orbit's OceanTRx product line, and the fourth in the last nine months. Since its introduction in 2015, OceanTRx has become the leading terminal in the large cruise ship segment, a top choice for offshore platforms and critical data links, and now the growing choice for Navy applications.



Sample navy ships courtesy of Wikimedia Commons



Ground Stations – New Space

Ground Stations – New Space Opportunities

INTRODUCTION // OVERVIEW OF THE SMALL SATELLITE MARKET FOR 2018-2027

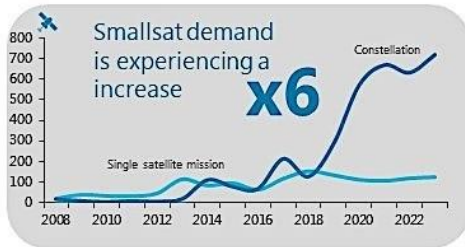


Constellations will account for 80% of the future demand in units

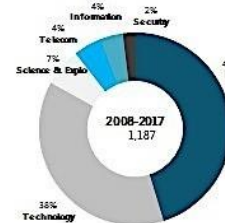


7,038
Smallsats
To be launched by
2027

Smallsat manufacturing market value



Smallsat market by application



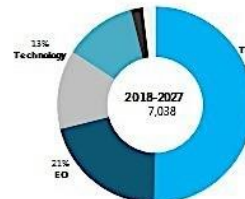
Earth observation



Technology











Telecommunication



- **Rapid growth** in 'New Space',
- **High demand** for data drives
- **Growing demand** for Connectivity
- Orbit providing **Ground Stations** for New Space

Gaia family

				
	Gaia-100	Gaia-200	Gaia-300	Gaia-400
Reflector Size	2.4m 3.7m 4.5m 5.5m	2.4m 3.7m 4.5m	5.0m 5.5m 6.3m	6.3m 7.3m 9.0m 10.0m 11.0m
Radome	✓	✗	✗	✗
Bands	 <div>L S X</div> <div>S & X</div> <div>L & S</div>	 <div>L S X</div> <div>S & X</div> <div>L & S</div> <div>L & X</div>	 <div>L S X</div> <div>S & X</div> <div>L & S</div> <div>L & X</div>	 <div>L S X</div> <div>S & X</div> <div>L & S</div> <div>L & X</div>

Option: Stabilized system



Gaia Installations worldwide



Selection of Gaia Installations worldwide



Earth Observation



End
Users



Satellite
owners /
Reseller



Tracking & Telemetry



End Users Mission



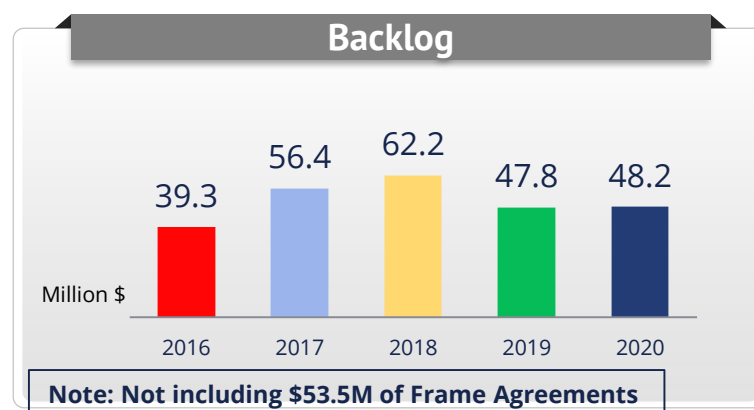
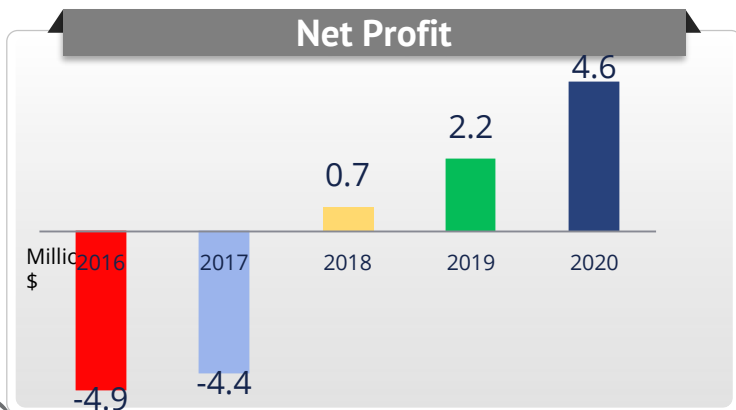
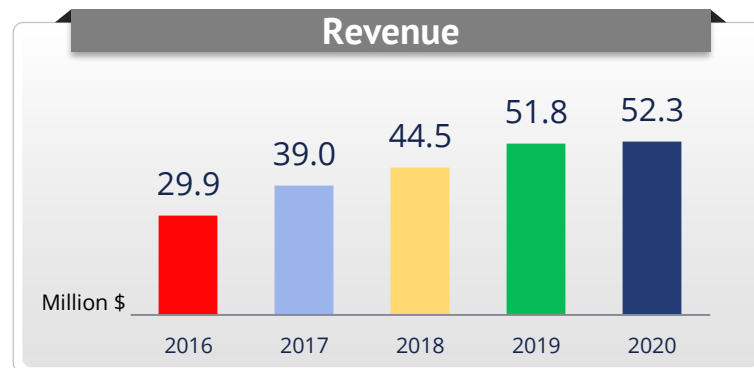
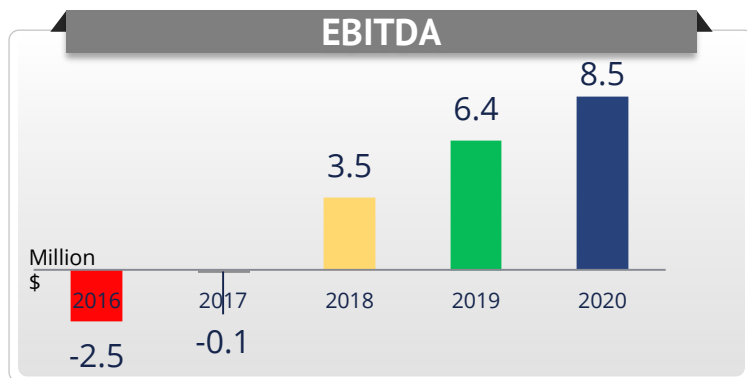
Integrators





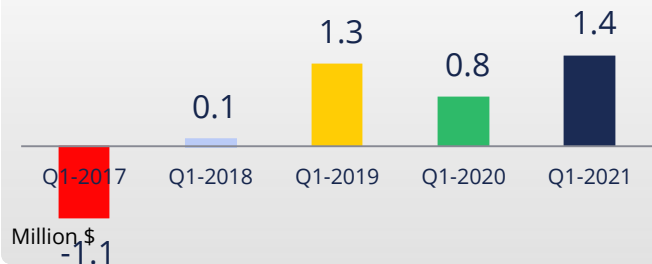
Financial Review

Revenue, Ebitda, Net Profit, Backlog 2016-2020

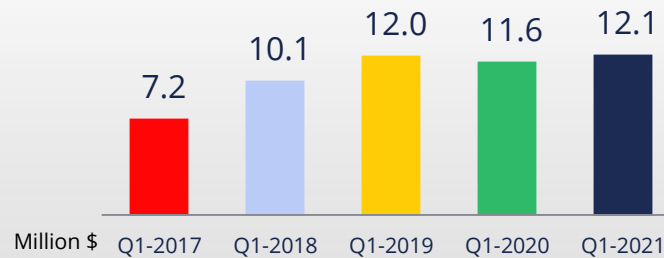


Revenue, Ebitda, Net Profit, Backlog 2017-2021 (Q1)

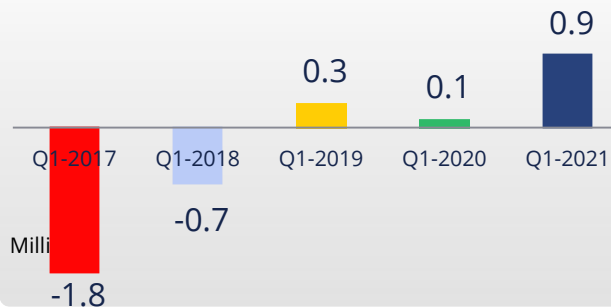
EBITDA



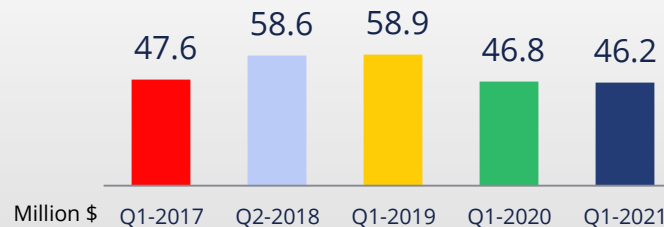
Revenue



Net Profit



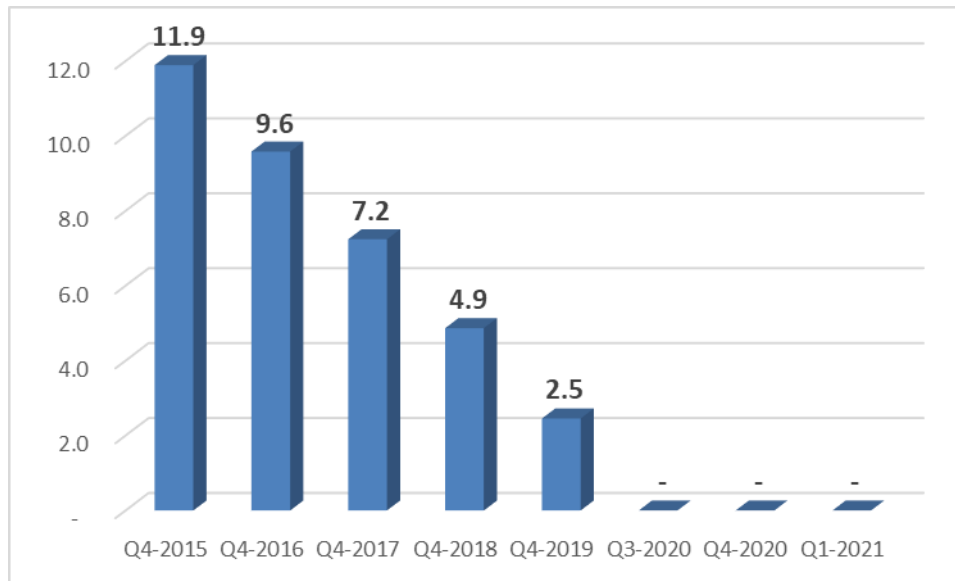
Backlog



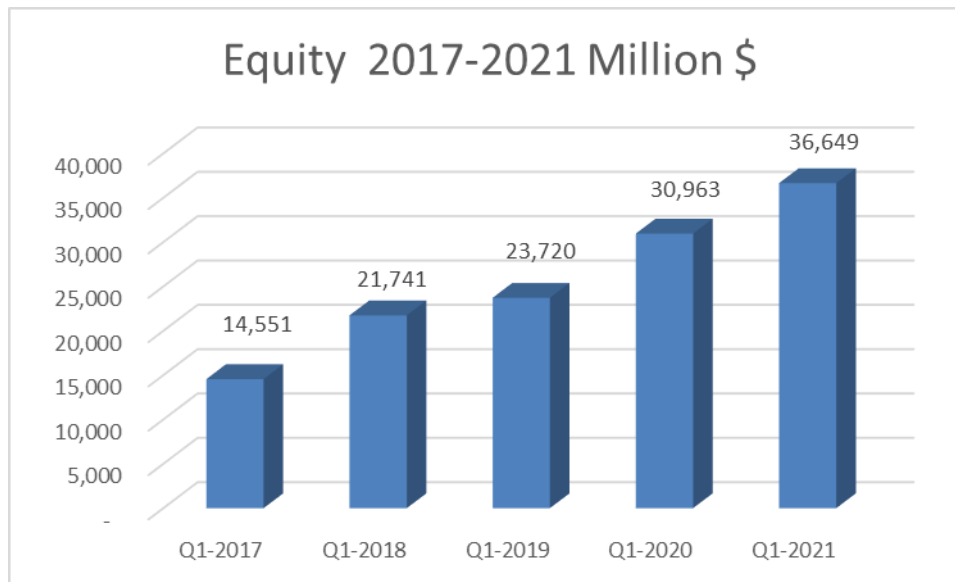
Note: Not including \$53.5M of Frame Agreements



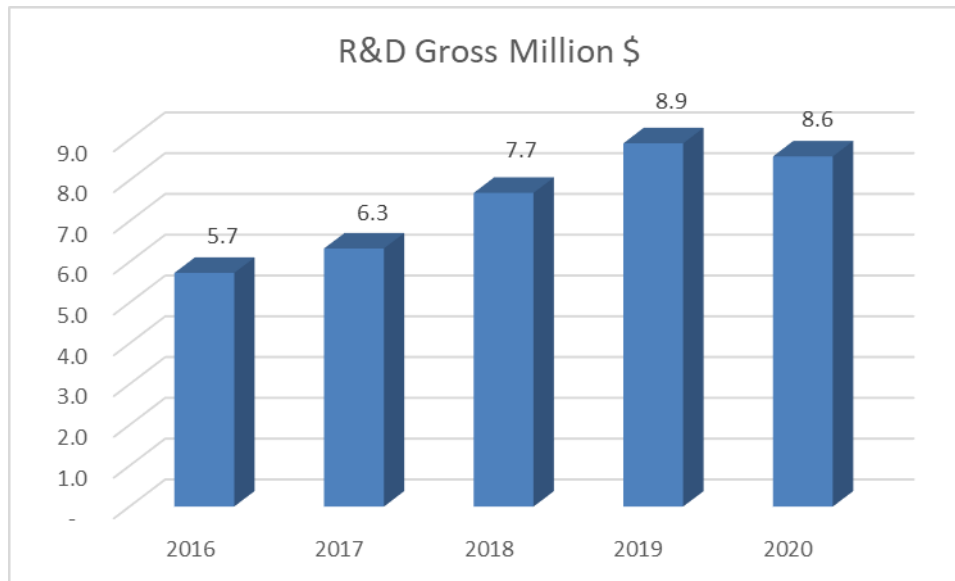
Debt declined (Million \$) Bonds



Growth in Equity



R&D Gross 2016-2020



Balance Sheet (Million \$)

ASSETS	31.12.17	31.12.18	31.12.19	31.12.20	31.03.21
CURRENT ASSETS					
Cash and cash equivalents & Sort-term deposits	13.3	12.0	17.4	23.6	24.4
Accounts receivable	10.8	10.6	12.2	11.5	8.3
Inventories	7.8	7.5	7.3	5.7	5.7
Amounts due for construction contracts	4.8	4.4	3.6	5.1	8.1
NON-CURRENT ASSETS					
Fixed assets	3.5	4.9	8.9	8.5	8.3
Intangible assets	5.2	5.8	5.8	5.5	5.5

LIABILITIES AND EQUITY	31.12.17	31.12.18	31.12.19	31.12.20	31.03.21
CURRENT LIABILITIES					
Current maturities of convertible bonds	2.4	2.4	2.5	-	-
Other accounts payable	9.0	10.9	11.2	13.7	13.3
NON-CURRENT LIABILITIES					
Convertible Bonds	4.8	2.4	2.5	-	-
Equity	22.3	23.3	30.9	35.7	36.6



Geared for Growth

- Technology superiority and significant R&D investment
- Significant install base
- Growth engines in leading markets
- Focused and consistent strategy
- Customer focused organization – account management
- Growing and profitable Orbit with strong balance sheet





Thank You