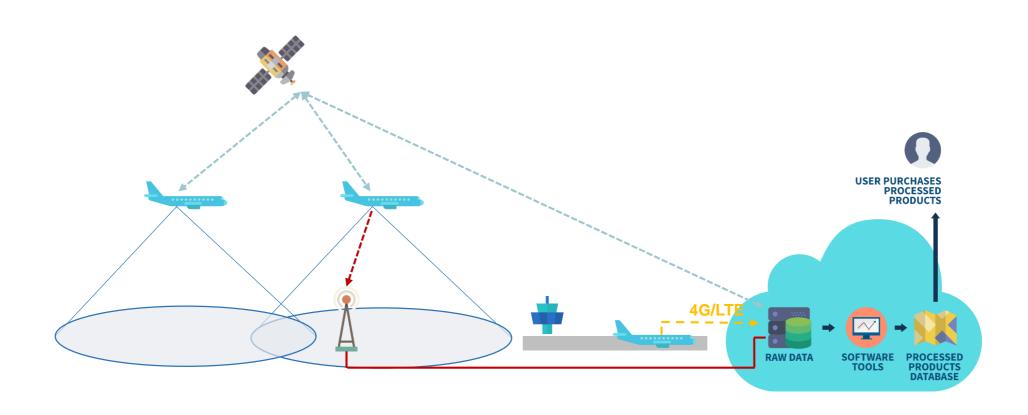


SYSTEM SERVICE ARCHITECTURE

A MARRIAGE OF SPACE AND AVIATION SEGMENTS





ORCA SERVICE OFFERING

A MOST ECOLOGICAL CONSTELLATION RE-USING THE MOST RELIABLE PLATFORM: COMMERCIAL AIRCRAFT



DATA COMPETITIVE ADVANTAGES







HIGH SPATIAL RESOLUTION

HIGH TEMPORAL RESOLUTION

EXCELLENT COVERAGE

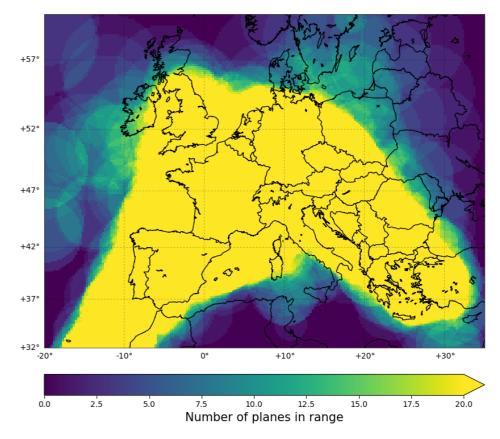
OPERATIONAL COMPETITIVE ADVANTAGES





LINE OF SIGHT COVERAGE SIMULATION

Low traffic day from 07:00 to 19:00 (with TUI fleet only)*



*Created using Eurocontrol Data

ESA PROJECT DOCS - DEMONSTRATION OF ORCA CONSTELLATION SERVICES

EVALUATING ORCA TECHNICAL, BUSINESS, AND LEGAL ASPECTS



DOCS PROJECT PARTNERS







SIGMA GEOTECHNOLOGIE

Prime

Coordination, system architecture and design, simulations, business analysis, IPR

Aircraft Certification

Payload certification, and installation on aircraft

Platform Provider

Provision of technical requirements, logistics, and provision of access to fleet

EO Marketing / Sales

Customer's identification and contacts, pricing strategy, Multi sensor data marketing



EO Service Provider and Image Processing

Earth observation expertise, data processing software, image processing



Connectivity

Evaluate various real-time and non-real-time connectivity options

Dr P. Mendes de Leon

Air & Space Law University of Leiden

Legal Expert

Evaluate national and EU regulatory and legal issues

ORCA SERVICES FOR INFRASTRUCTURE PROVIDERS

A CHALLENGING SERVICE TO EVALUATE ORCA CAPABILITIES



SERVICE ADDRESSED IN THE ESA DOCS PROJECT: FREQUENT MONITORING OF CRITICAL ASSETS

REQUIREMENTS COLLECTED BY END USERS, INCLUDING







NATURAL GAS INFRASTRUCTURE PROVIDER

MULTINATIONAL ENERGY CORPORATION

CRITICAL
INFRASTRUCTURE
MONITORING EXPERT





IN PARALLEL VARIOUS OTHER APPLICATIONS ARE BEING EVALUATED AND POTENTIAL USERS CONTACTED

MARKET OVERVIEW

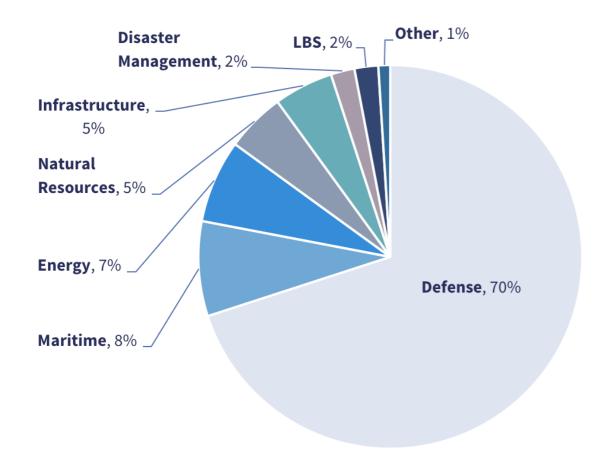
ORCA TARGETS THE HIGH GROWTH EARTH OBSERVATION MARKET



EUROPEAN COMMERCIAL EO MARKET



Valued over €1b in 2019 with CAGR of 11%



ADDRESSABLE MARKET



Non-defense applications in Europe provide opportunity of €300m+ in 2019 (start of operations)

- Critical Asset Monitoring
- Business/Market Intelligence
- Forest Fire Monitoring
- Coastline Monitoring
- Heat island Mapping
-



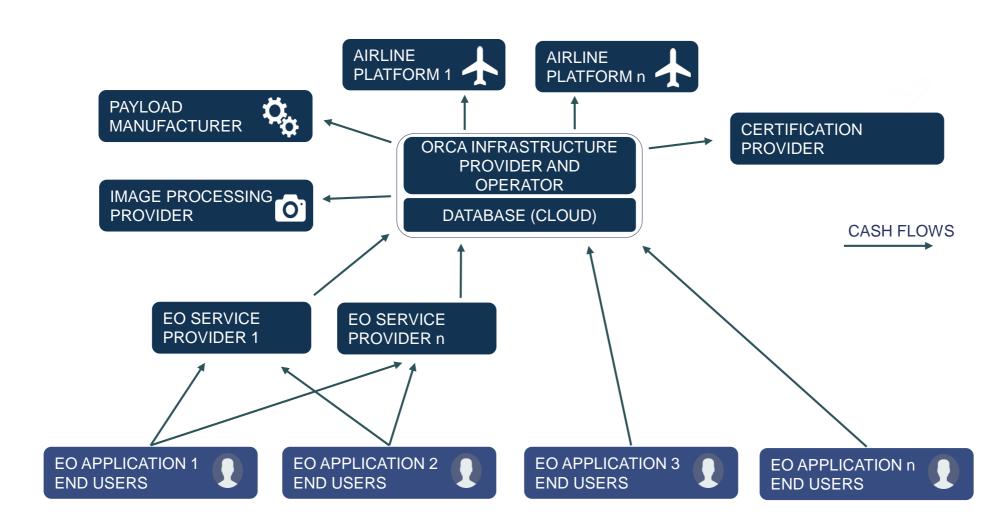
Non-EO Applications

M2M, IoT, AIS may be supported by ORCA in combination with EO

SKYFLOX WILL RETHINK EO INDUSTRY REVENUE MODEL

FREQUENCY OF DATA CALLS FOR SUBSCRIPTION BASED SERVICE PROVISION





ROADMAP

TEST FLIGHTS AT THE END OF THIS YEAR, PILOT DEPLOYMENT IN 2019











Further commercial deployment as from 2019



Interested to cooperate with SkyfloX in the deployment and operations of ORCA?

Contact us: info@skyflox.eu