

Payload Data Processing Platform for Smallsat Missions



WORLD FROM SPACE



Company

- founded 2017
- HQ Brno
- Headcount: 26 people
- 8 nationalities
- Major expertise in EO, GIS,
- IT, cloud, AI, optics
- agriculture, forestry, environment
- Amazing team spirit

2 commercial products

DynaCrop - agricultural API

ORBIS - PDGS platform

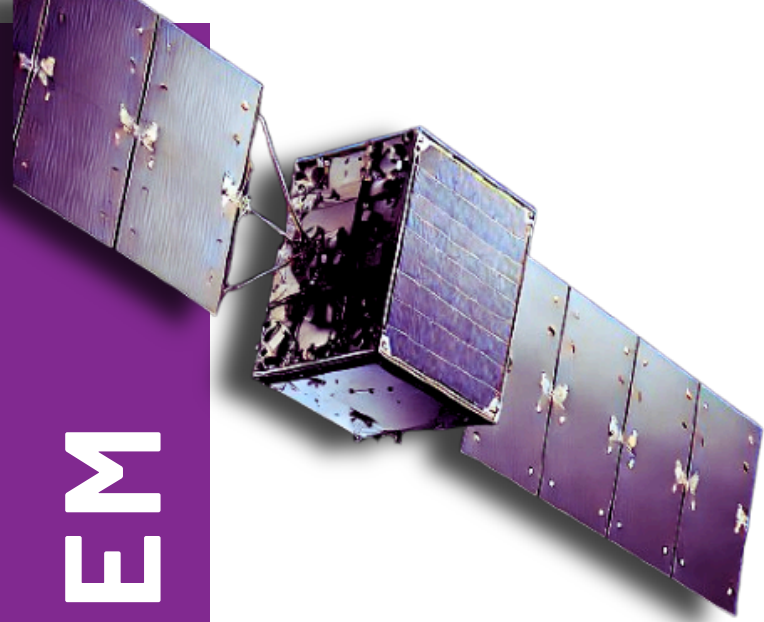
15+ projects for ESA



**DYNA
CROP
SPACE**

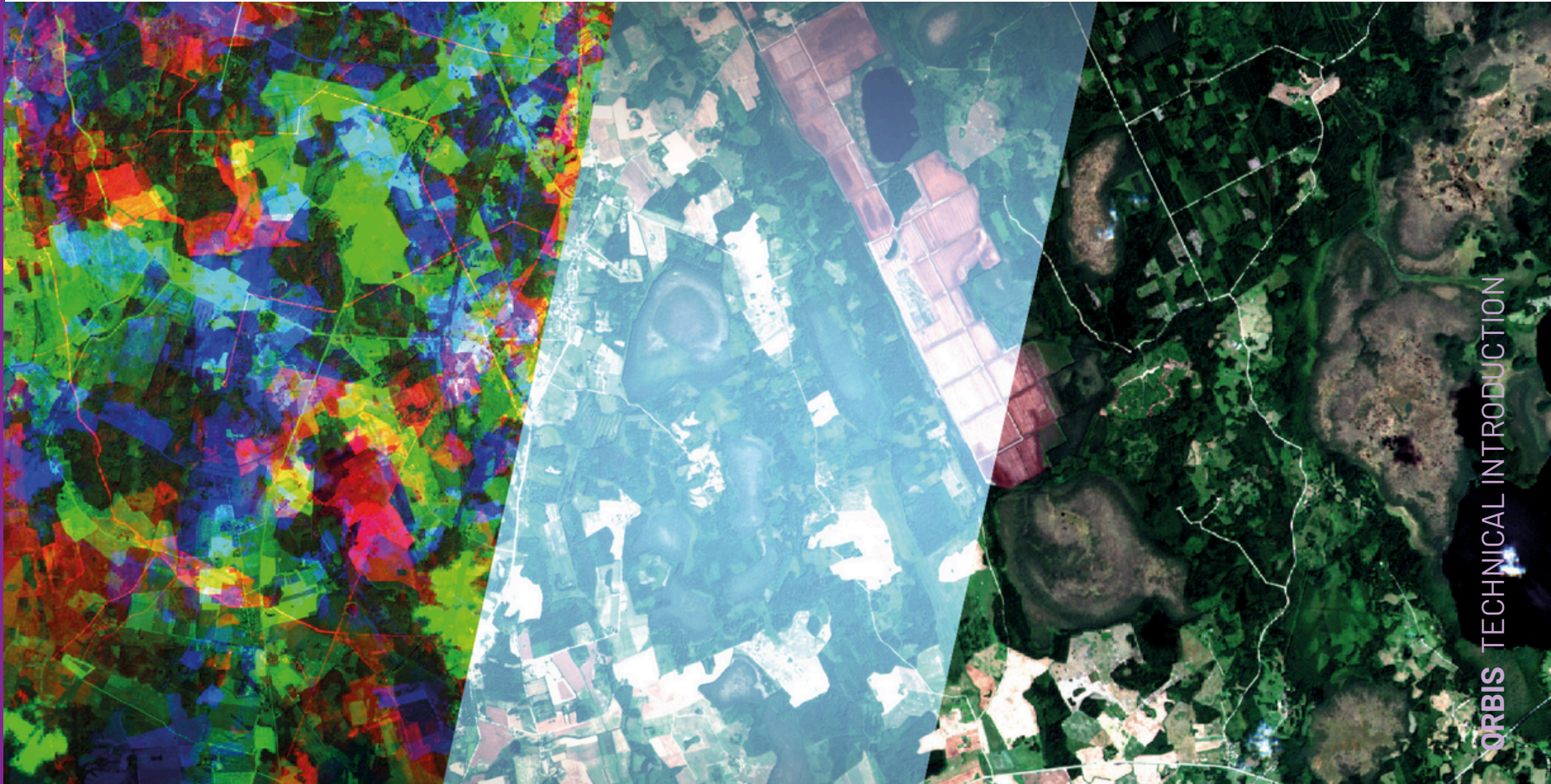


**ORBIS
SPACE**



Satellite imagery do not come ready.
Latency is key issue.
Distribution is bottleneck.

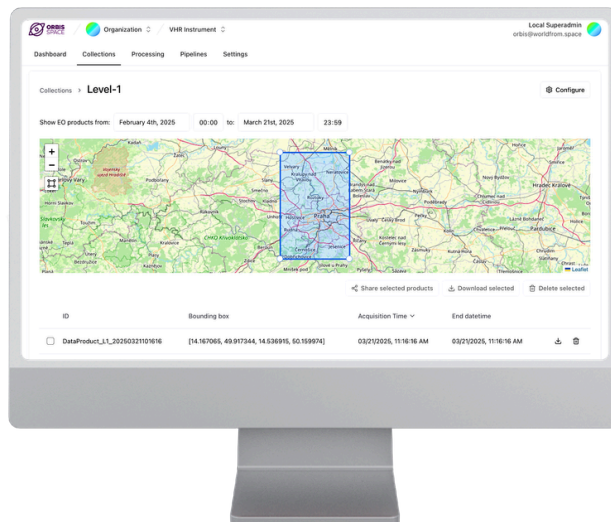
PROBLEM



ORBIS: *Earth Observation missions service*

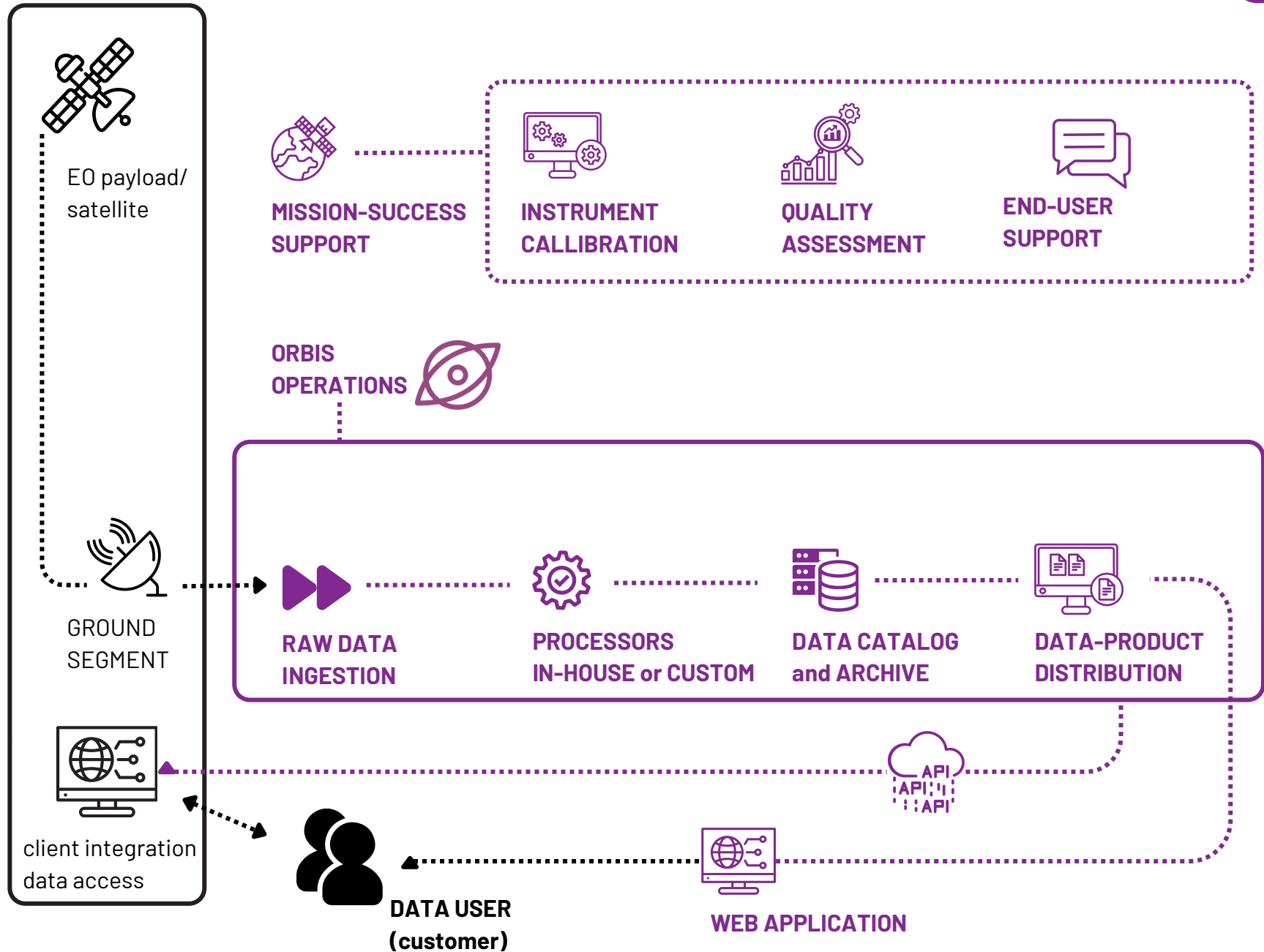
Full-cycle EO processing from downlink to actionable imagery – deployable in the field, independent of any external infrastructure.

- rapid delivery - shorten latency
- use-case-specific quality - fit for purpose
- direct insights



SYSTEM

- 1 OVERVIEW
- 2 CAPABILITIES
- 3 FEATURES
- 4 CURRENT STAGE

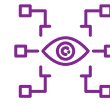


ORBIS TECHNICAL INTRODUCTION

ORBIS FEATURES



Integration to Ground Segment



Data **authenticity** verification



Edge processing



Automated data preprocessing



Industry-standard data formats (STAC, COG)



Instrument calibration and quality control



Scaling for your mission size



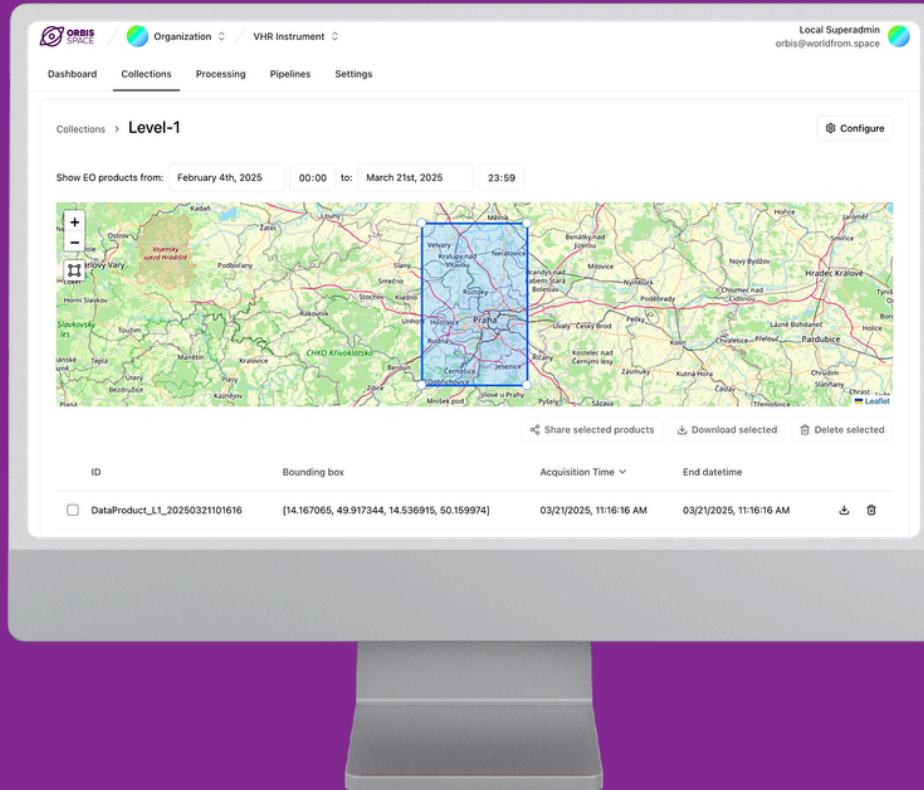
Mission lifetime support



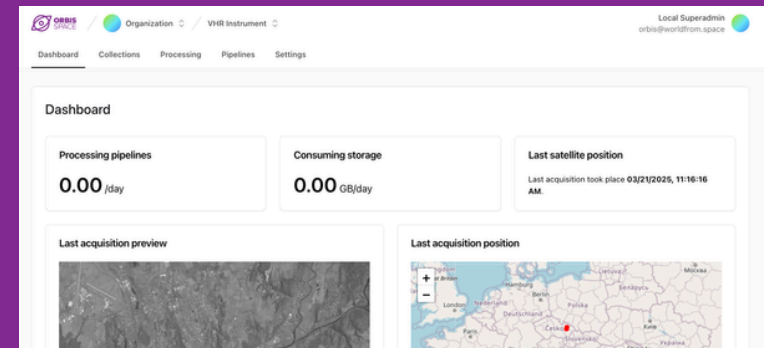
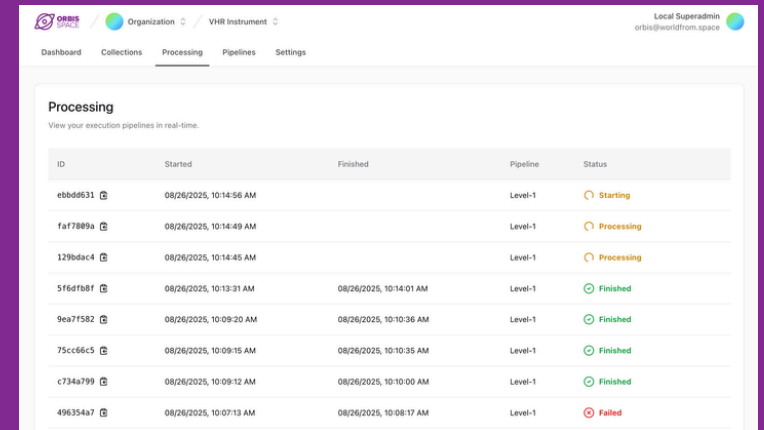
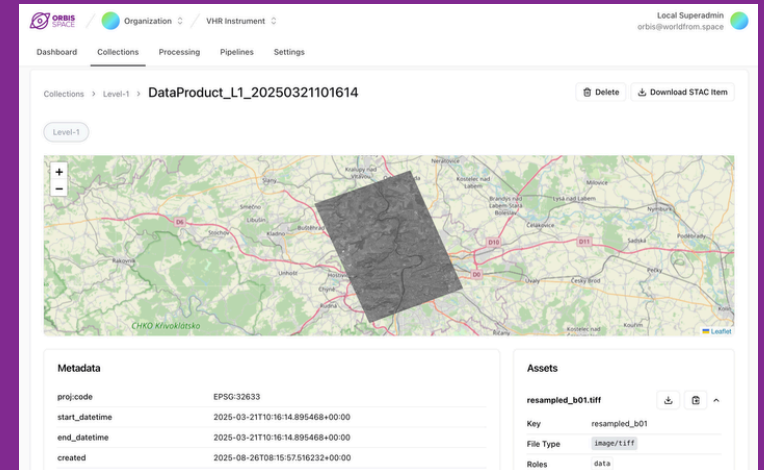
Added value products **insights**

LOOK & FEEL

ORBIS Platform



operational MVP



ORBIS

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