OUR HERITAGE

THE TESTS AND DEMOSTRATIONS THAT VALIDATED OUR TECHNOLOGY

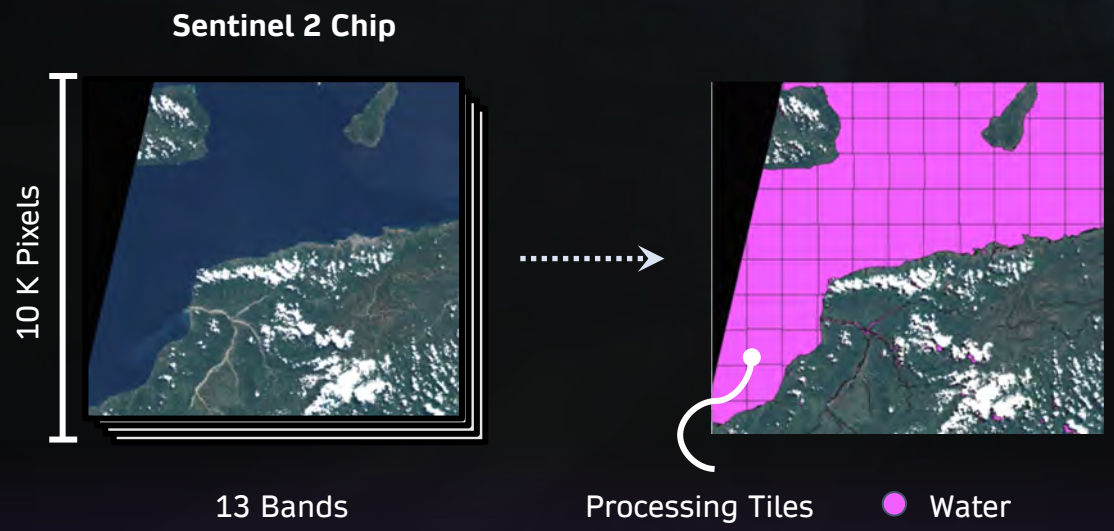
This architecture was first demonstrated in June 2021, using UNIBAP's edge computer hosted onboard D-Orbit's ION SCV-003 **to successfully run 23 applications, proving that cloud-based solutions on Earth also work in Space.**

In January 2023, ION SCV004 tested 17 evolved applications on a Unibap's proprietary SpaceCloud suite with access to a VTT hyper spectral camera. Sensors onboard ION SCV004 gives commercial customer applications and third-party services access to satellite images in real-time directly in space for proof of concept.

Among the success stories, **Little Place Labs successfully processed satellite imagery on board achieving a 98% reduction in the amount of data to downlink**.

SPACE CLOUD. TODAY.

WORLDFLOODS IN-ORBIT EXPERIMENT



ORBITFY EDGE BY LPL

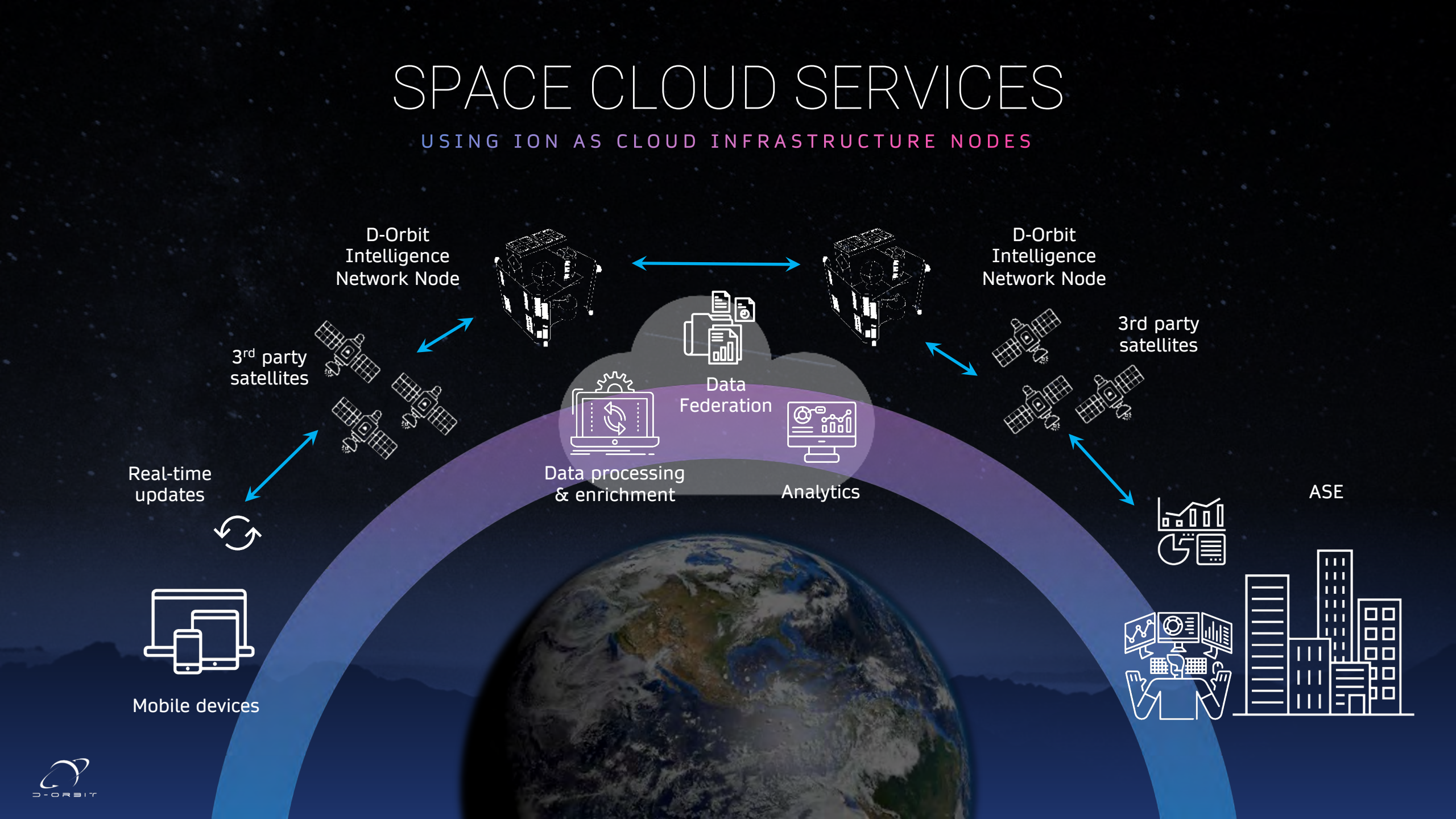
98%

REDUCTION IN DOWNLINK DATA

D-ORBIT UNIBAP esa TRILLIUM EUROPE FDL MACHINE LEARNING ON-BOARD UNIVERSITY OF OXFORD LITTLE PLACE LABS

SPACE CLOUD SERVICES

USING ION AS CLOUD INFRASTRUCTURE NODES




Video Credits: SpaceX