



# Transforming Satellite Services through On-Board AI

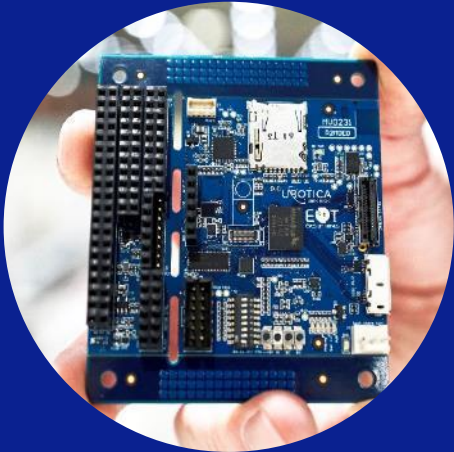
# Our Space Flight Heritage

## PhiSat-1

launched September 2020  
Detecting clouds in EO data in real-time

Arianespace's Proof of  
Concept flight for the Small  
Spacecraft Mission Service  
(SSMS) with PhiSat-1 on-board

First ever On-Satellite  
Hardware Accelerated  
AI Inference



## D-Orbit ION Wild Ride

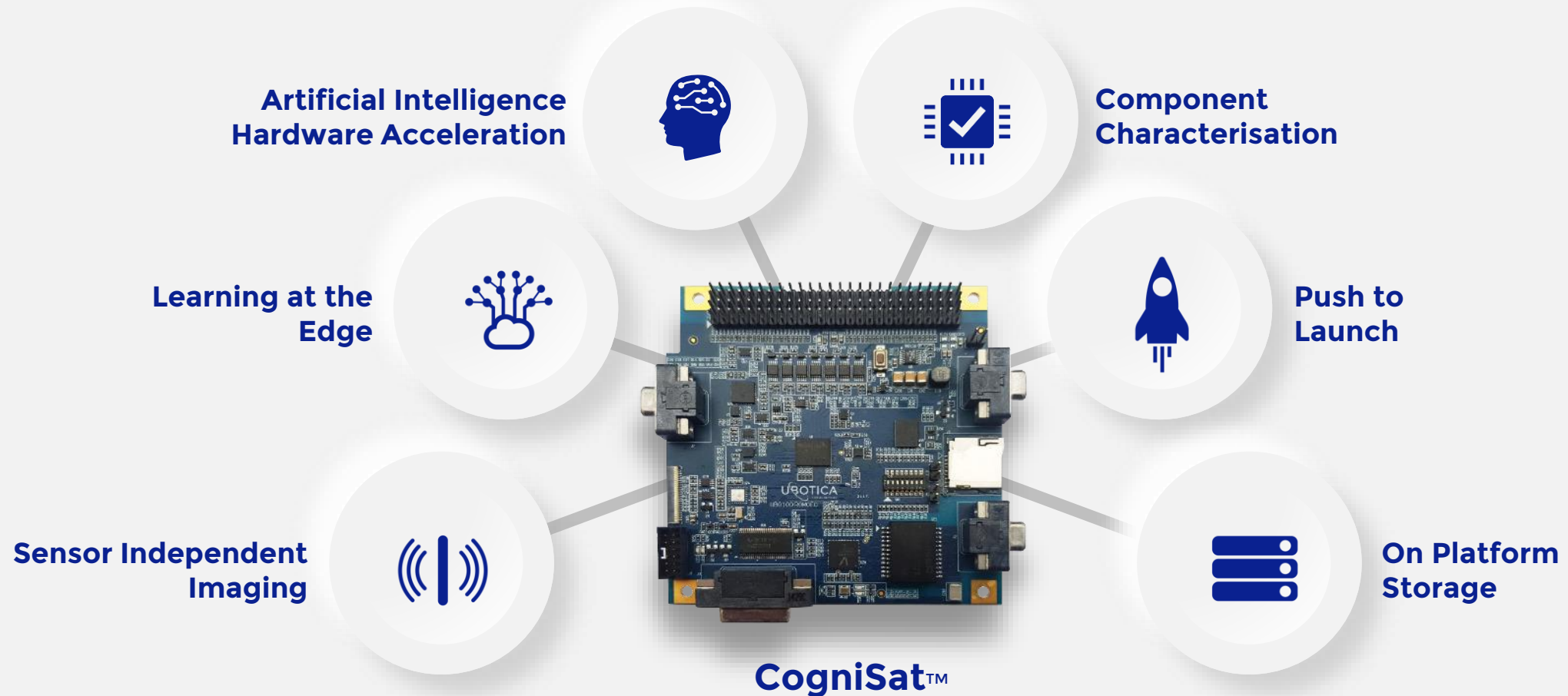
launched June 2021  
Cloud Computing on satellite

The world's first space mission  
using radiation-tolerant  
advanced heterogenous  
computing technologies

Ship detection using  
**CogniSat™**



# CogniSat™ Platform



The most comprehensive, adaptable and power efficient solution for AI on-board satellites