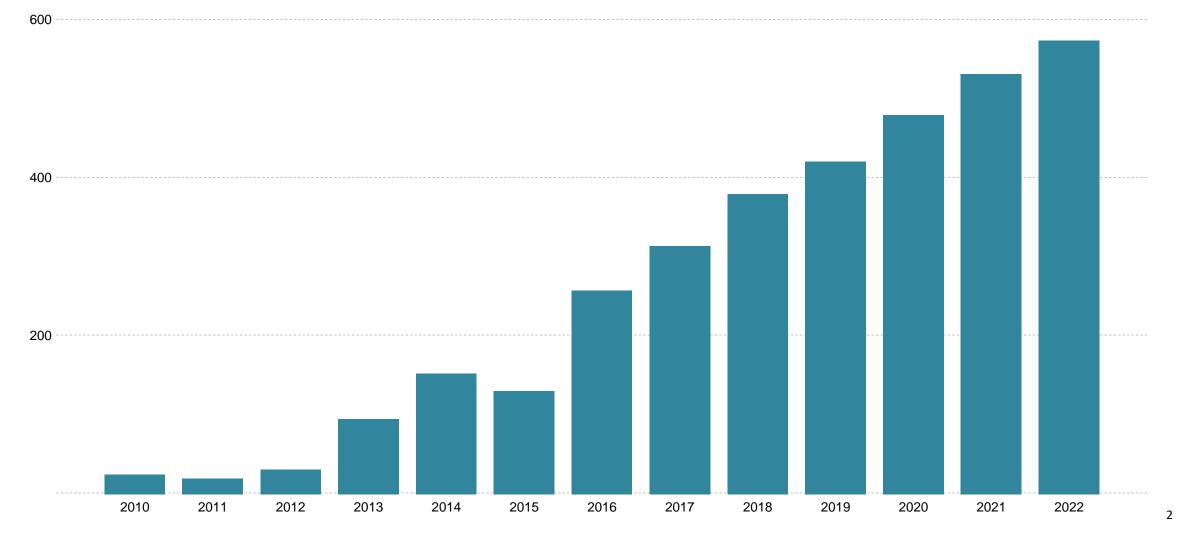


Gonçalo Lopes CTO, D-Orbit PT 4th Unisec–Global Meeting

CUBESATS ARE A GROWING TREND

1-50 Kg satellites launch history and forecast

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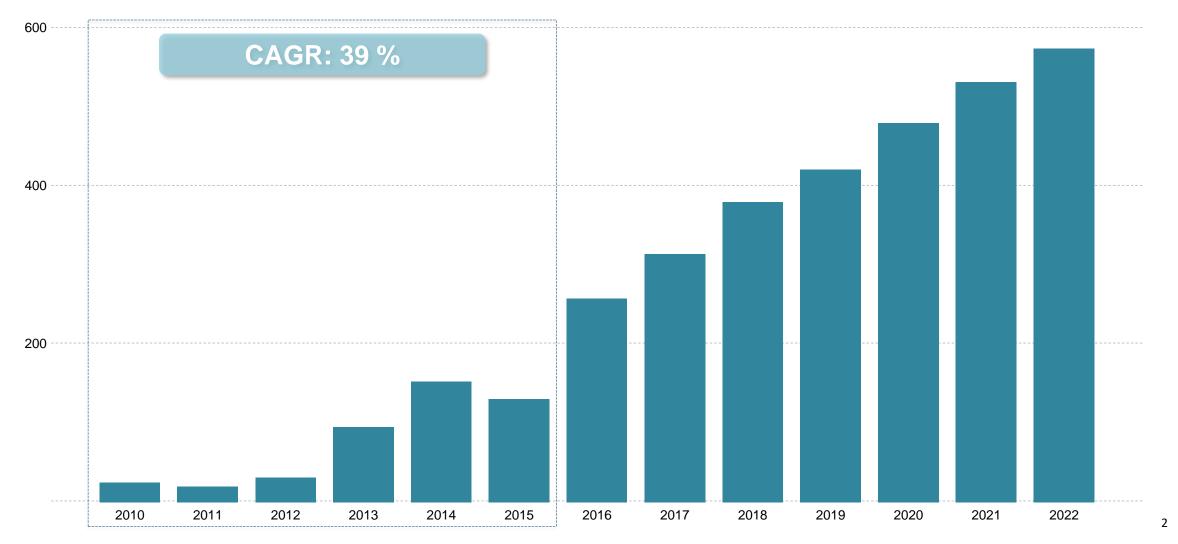


SOURCE: SpaceWorks 2016 Nano/Microsatellite Market Forecast (adapted)

CUBESATS ARE A GROWING TREND



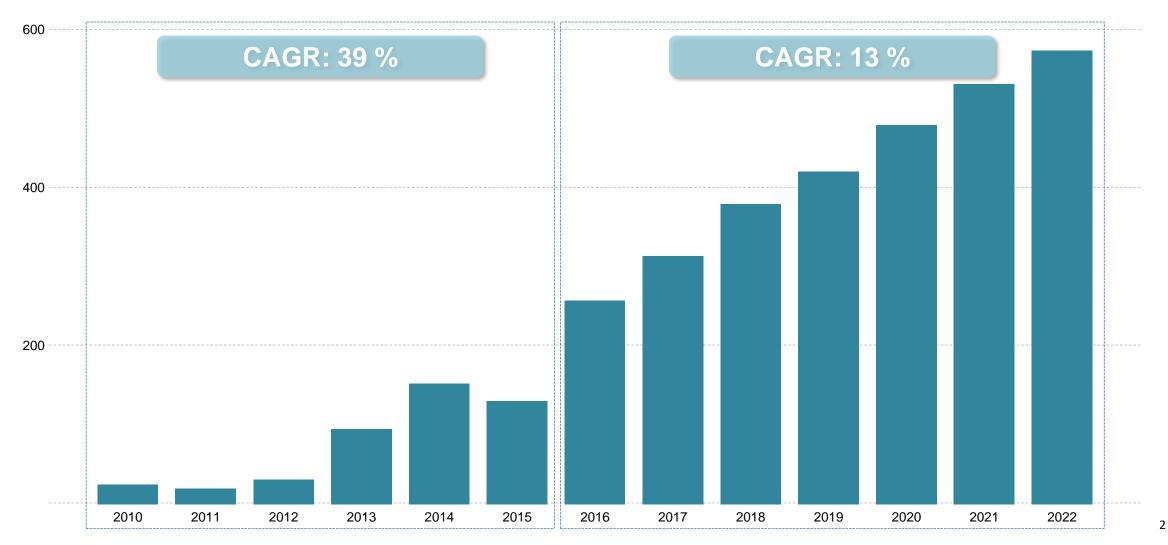
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D-SAT IS A TECHNOLOGY DEMONSTRATOR





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States - States

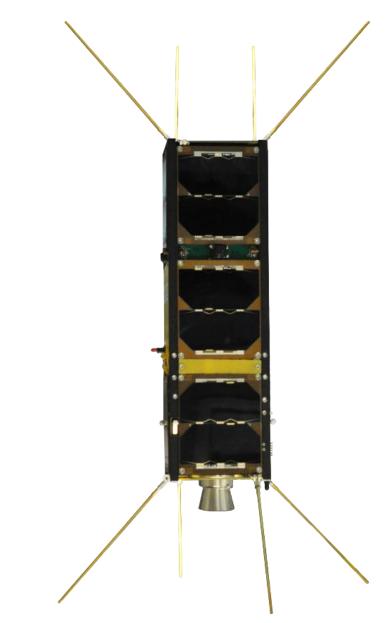


FIRST SATELLITE TO BE REMOVED IN A QUICK, SAFE AND CONTROLLED MANNER



D-SAT IS A TECHNOLOGY DEMONSTRATOR







MOST CUBESATS CANNOT SELECT THEIR PREFERRED ORBIT



Flying as secondary payloads poses a limitation on the orbital design available for Cubesats without propulsion.



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Flying as secondary payloads poses a limitation on the orbital design available for Cubesats without propulsion.



Higher orbits allow longer missions

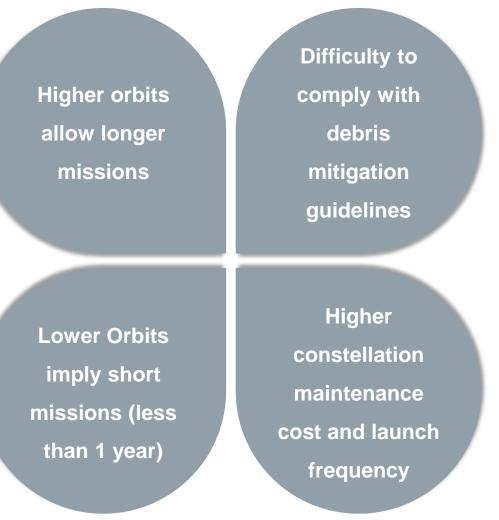
Lower Orbits imply short missions (less than 1 year)

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Flying as secondary payloads poses a limitation on the orbital design available for Cubesats without propulsion.





D-ORBIT HAS A SOLUTION TO THIS COMMON PROBLEM



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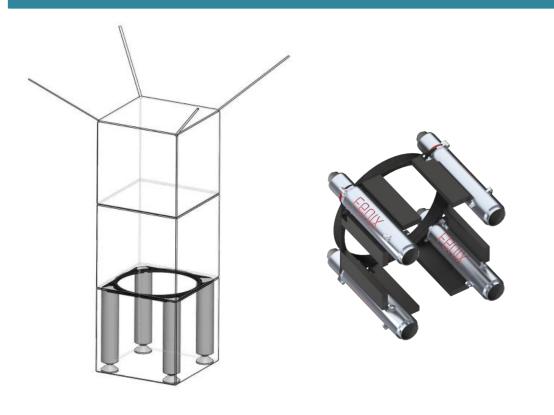


Two different integration configurations

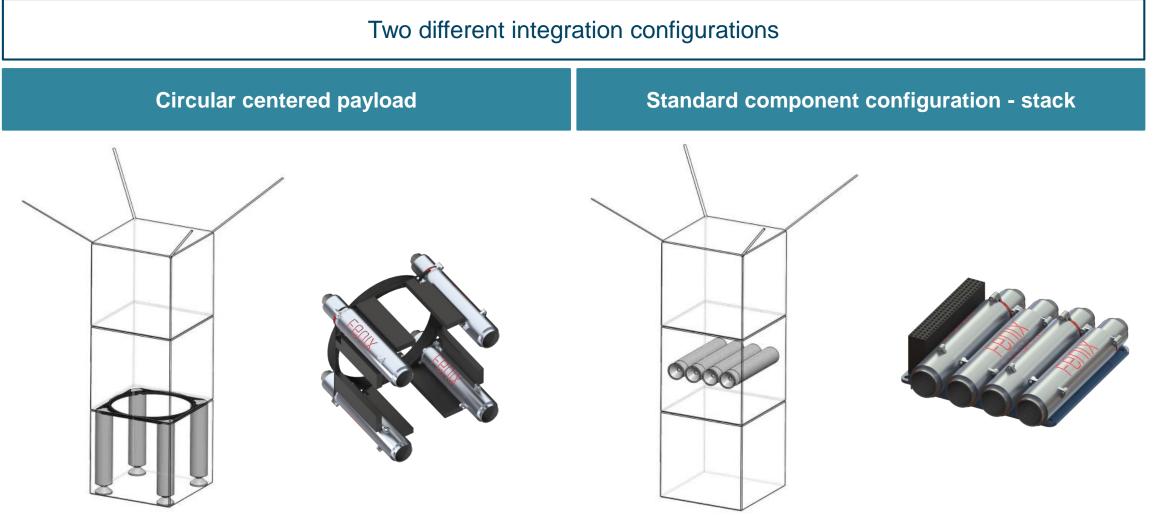


Two different integration configurations

Circular centered payload











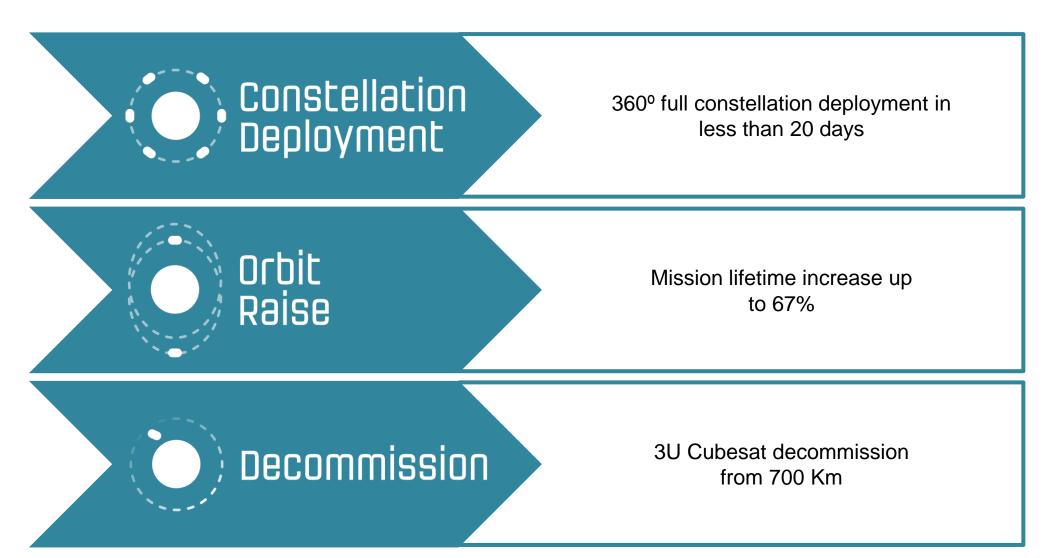


360° full constellation deployment in less than 20 days



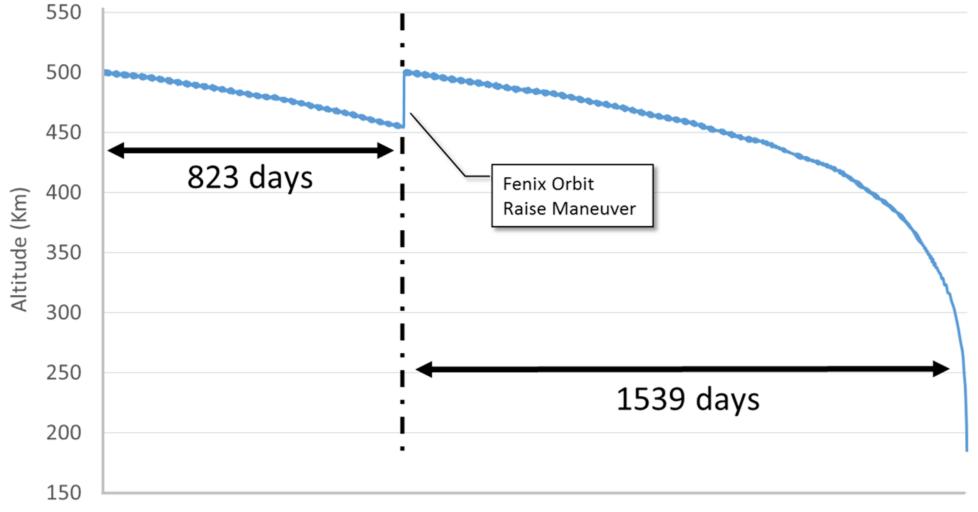






MISSION SIMULATION FOR 500 Km ORBIT



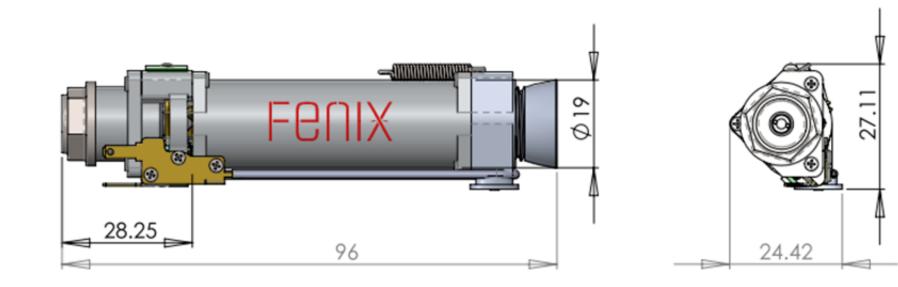


DESIGNED FOR MODULARITY AND SCALABILITY



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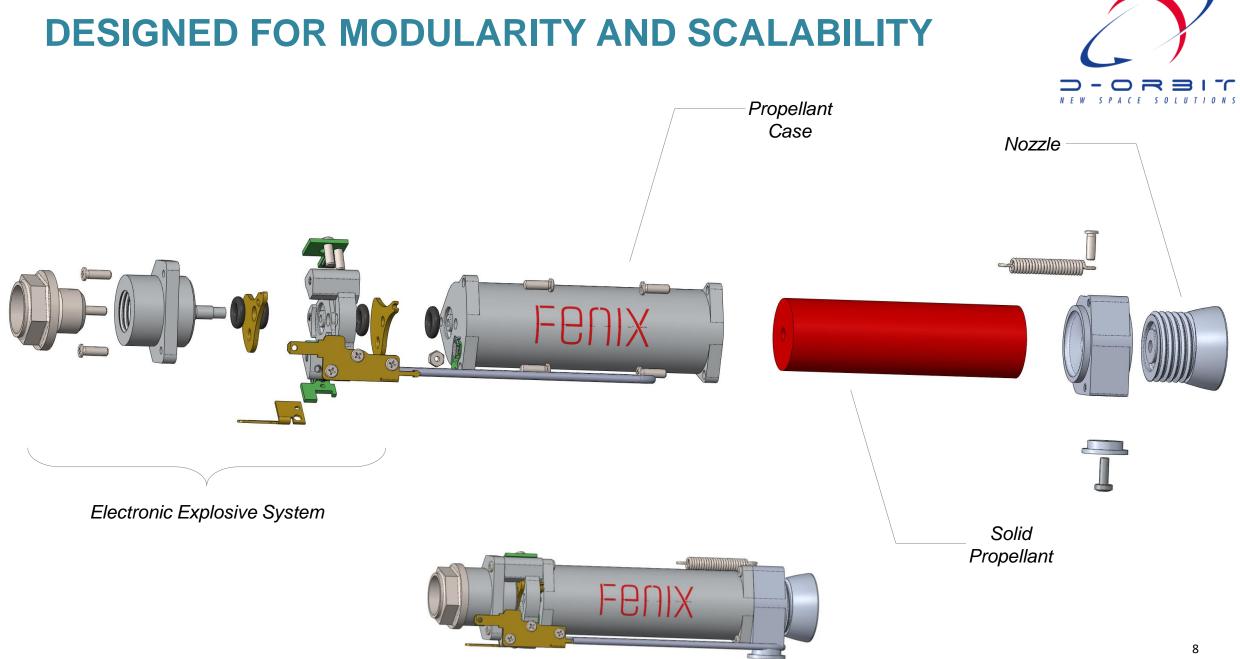




DESIGNED FOR MODULARITY AND SCALABILITY

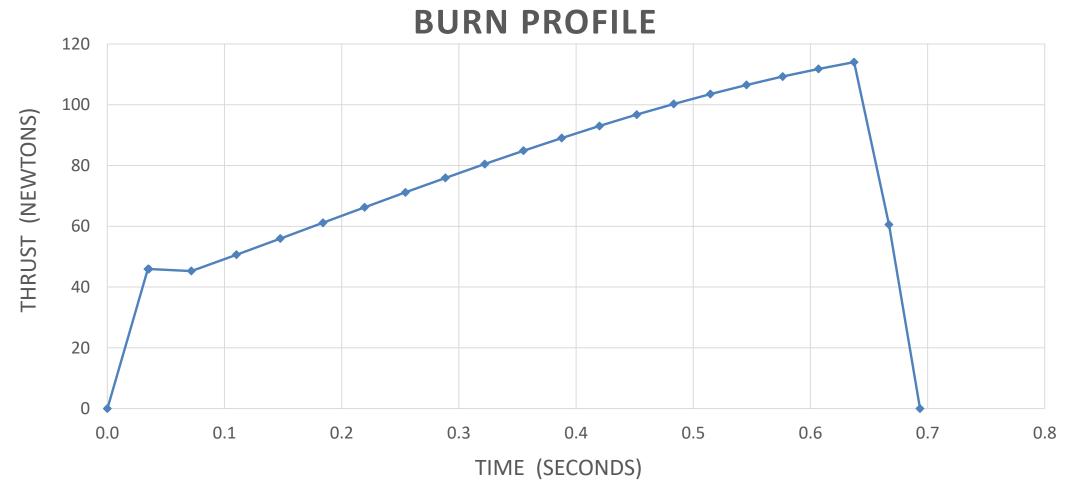






TECHNICAL SPECIFICATIONS



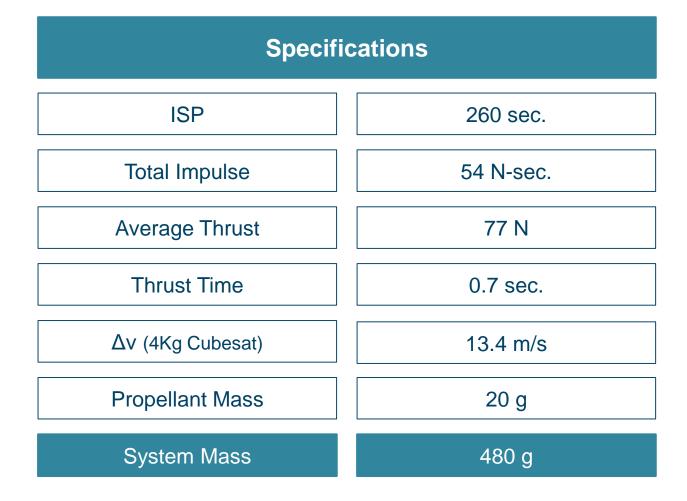


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TECHNICAL SPECIFICATIONS

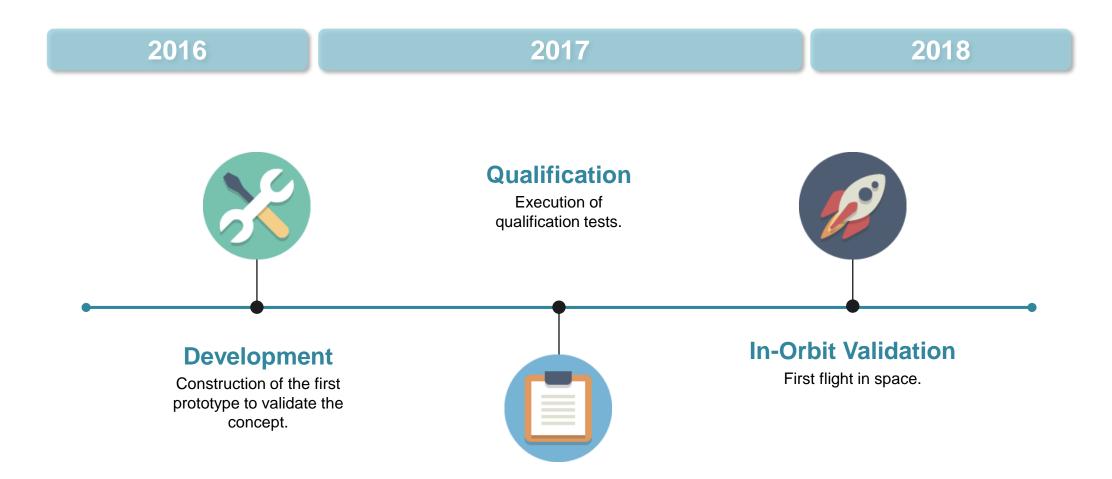






DEVELOPMENT ROADMAP INCLUDES IN-ORBIT VALIDATION IN 2018







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