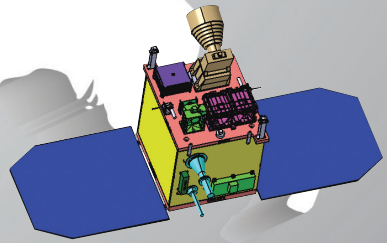
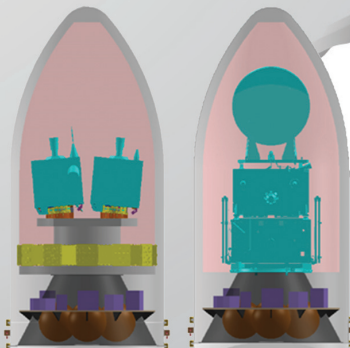


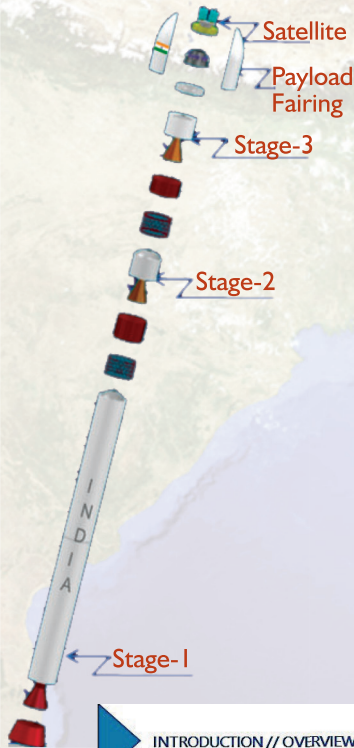


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Small Satellite Launch Vehicle



SSLV – Salient Features

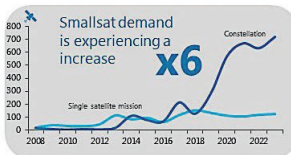


- 3 Stage All solid vehicle with a capability to launch 500Kg into 500km LEO
- Upper Liquid Module for velocity trimming ensuring precise orbit insertion
- Reduced Turn-around Time
- Launch On Demand
- Cost Optimization for Realization and Operations
- Encapsulated Assembly of Satellite and Pay Load Fairing
- Flexibility in accommodating Multiple Satellites
- Minimal launch infrastructure requirements
- Heritage of proven design practices

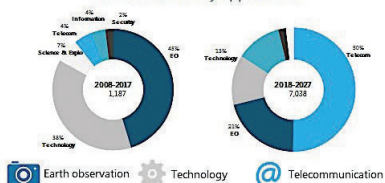
INTRODUCTION // OVERVIEW OF THE SMALL SATELLITE MARKET FOR 2018-2027



Smallsat manufacturing market value

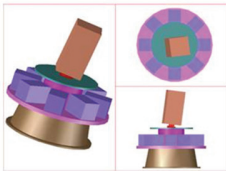


Smallsat market by application

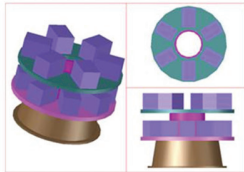


PROSPECTS FOR THE SMALL SATELLITE MARKET // AN EXTRACT
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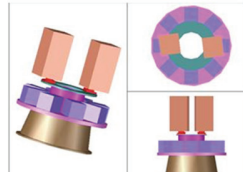
Satellite Accommodation



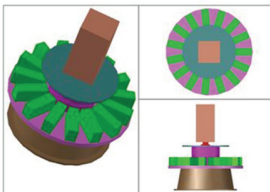
8 Nos. of QUADPACKS & 1 No. of 300 Kg Satellite at IBL (556kg Total Payload)



8 Nos. of QUADPACKS at Bottom deck & 6 Nos. of QUADPACKS at Top deck (448kg Total Payload)



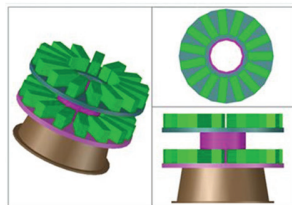
7 Nos. of QUADPACKS & 2 Nos. of 150 Kg Satellites on IBL (524kg Total Payload)



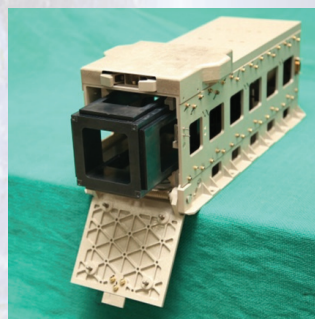
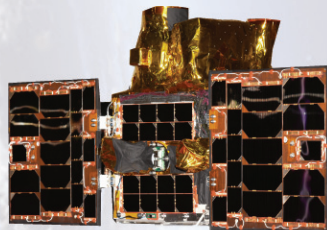
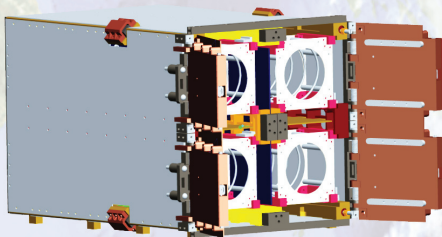
15 Nos. of 3U Packs & 1 No. of 300 Kg Satellite at IBL (420kg Total Payload)

Further possible MSA configurations

- 64 x 2U packs (488kg)
- 24 x 6U packs (396kg)
- 2 x 150kg + 20 x 1U (370kg)
- 2 x 150kg + 20 x 2U (415kg)
- 2 x 150kg + 15 x 3U (420kg)



30 Nos. of 3U Packs (240kg Total Payload)



Development & Commercialization

- Design, Realization and Flight Demonstration

- Design Authority
- Mission Authorization
- Quality Assurance

- Mission Authorization

Phase 1:
Development

Phase 2:
Tech Transfer

Phase 3:
Production

- Market Study
- RFQ and Partner industry identification
- Interface with industry for value engineering

- End to End Vehicle realisation through industries
- Possible Hand-holding in Launch Operations

- Risk Sharing participatory model

- Preparation of RFP to identify the Partner industries is in progress
- Techno-Commercial Reviews to follow the RFQ



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