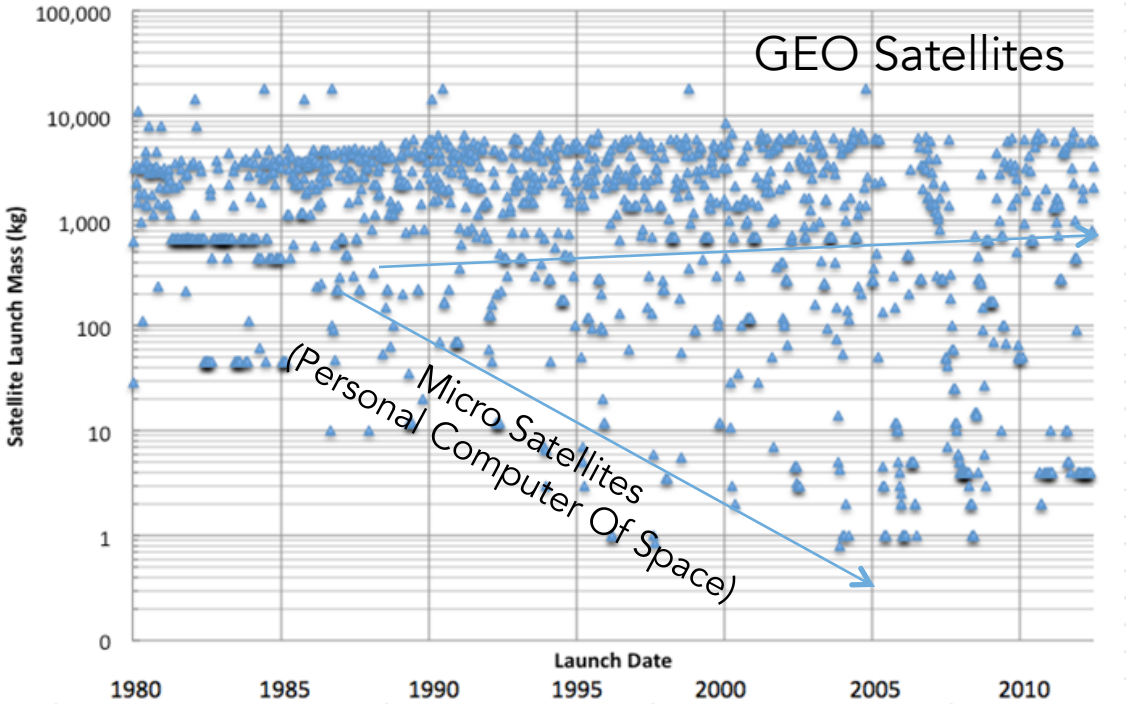
Micro-Satellites Are The New PC



2001

2016

*Source: UCS Satellite Database

Vector Space
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Vision: Empower Innovation

Phase I	Phase II	Phase III
		
Launch Vehicle	Galactic Sky	Space API
Dedicated Vector Micro Launchers Vector-R 50kg Vector-H 100 kg	DynoSat Satellite Design Tool Virtual Machine STK	Software Defined Satellites Space Software Application

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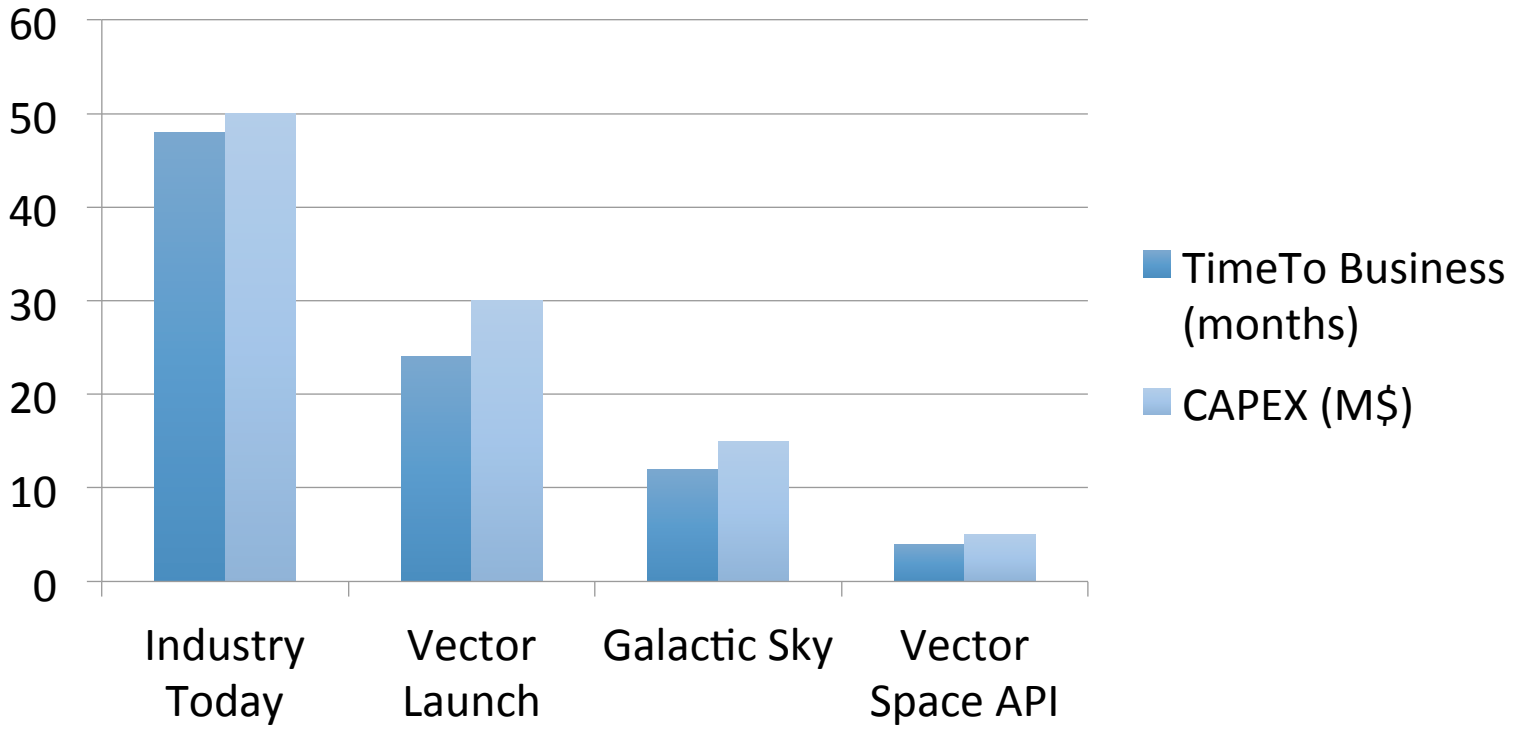
Business Model: Rapid Deployment



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Vector Owns End-To-End System

- Product 1: Vector Launch Vehicles
  - Vector-R 50 kg to orbit $1.5M - $2.5M
  - Vector-H 100 kg at $3.0M - $4.0M
- Product 2: Galactic Sky Satellites
  - Software Defined Satellite Toolkit
  - Virtual Machine based Galactic OS / Tools
  - DynoSat Satellite Design Tool
  - Vector Built Micro Satellites with Galactic Sky
- Product 3: Galactic Sky Space API
  - Satellite As Software App
  - Users Develop Software App
  - Vector core applications running on constellation

Vector Launch
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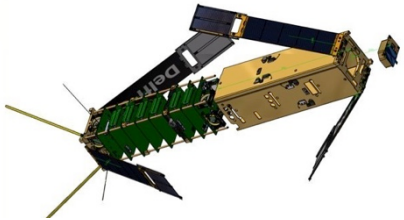
Galactic Sky
Software Defined Satellites



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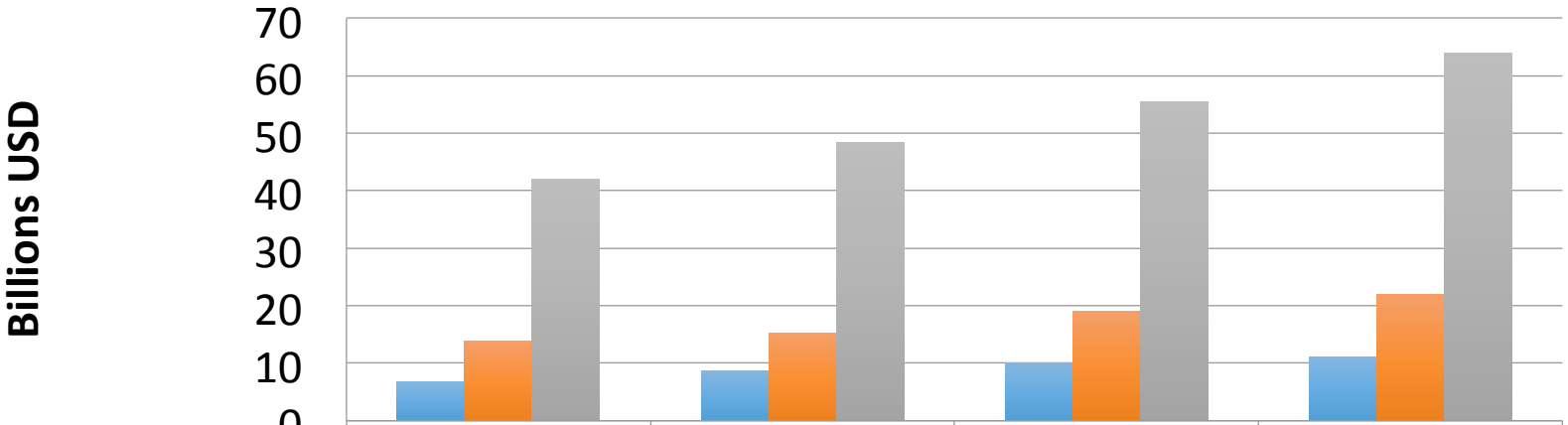
Vector Total Addressable Markets



	2016	2018	2020	2022
Launch	6.8	8.6	10.1	11
Satellites	13.9	15.3	19.1	22
Data Analytics	42.0	48.3	55.5	63.9

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Experienced Management

Jim Cantrell
CEO
SpaceX, Skybox, StratSpace, Moon Express, JPL, CNES

John Garvey
CTO
McDonnell Douglas, Sea Launch, Garvey Spacecraft Corp., DCX

Ken Sunshine
CFO
Orbital Sciences, Virgin Galactic, Moon Express, MDA

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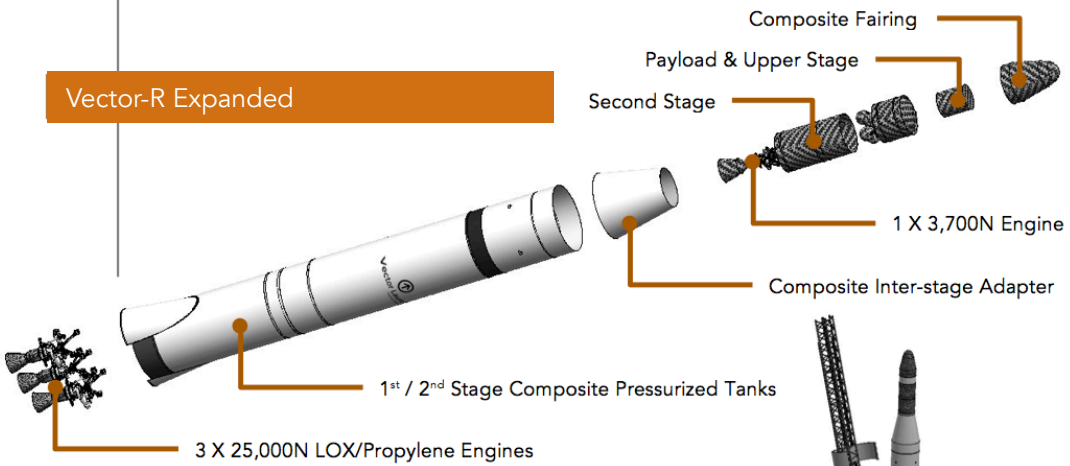
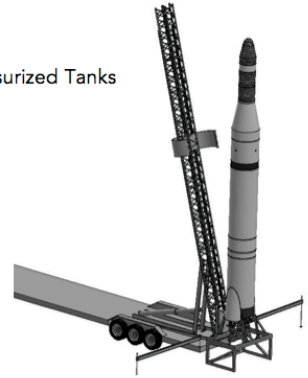
Results To Date

- ✓ $2.5M In 2016 Contracts & Revenue
- ✓ $19.5M in Proposals In Evaluation
- ✓ $81.7M In Signed Backlog (Launch)
- ✓ Additional $130M Backlog in Negotiation
- ✓ 11 Patents on Propulsion, Sats & Software
- ✓ FIRST VECTOR-R FLIGHT SET FOR 2017

Vector-R Expanded



Transport To Launch Site



Transportable Launch Erector

Vehicle Summary

- Overall length 12 meters
- First stage diameter 1.2 meters
- Gross Lift Off Weight (GLOW): 5000 kg
- Pressurized fuel feed systems
- No explosive ordinance
- Autonomous flight termination

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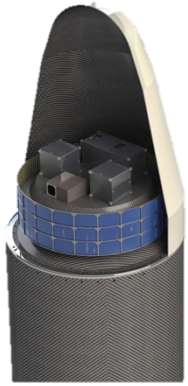
Vector Launch Family

	Vector-R	Vector-H
Mass to Orbit[1]	50 kg	100 kg
Height	12 meters	16 meters
Cost[2]	$1.5M	$3.0M
Cost w/ 3rd stage	$2.0M	$3.5M
Flight Rate / Year	100	25
Reusable 1st stage	Yes	Yes
Availability	2018	2019
Competitor	None	Electron

Vector-R Vector-H



- Optional Electric 3rd Stage for extended altitude
- Makes small launcher equivalent of much larger launcher

[1]To a 250 km 28 degree orbit
[2]Base price. On demand launch +$1M

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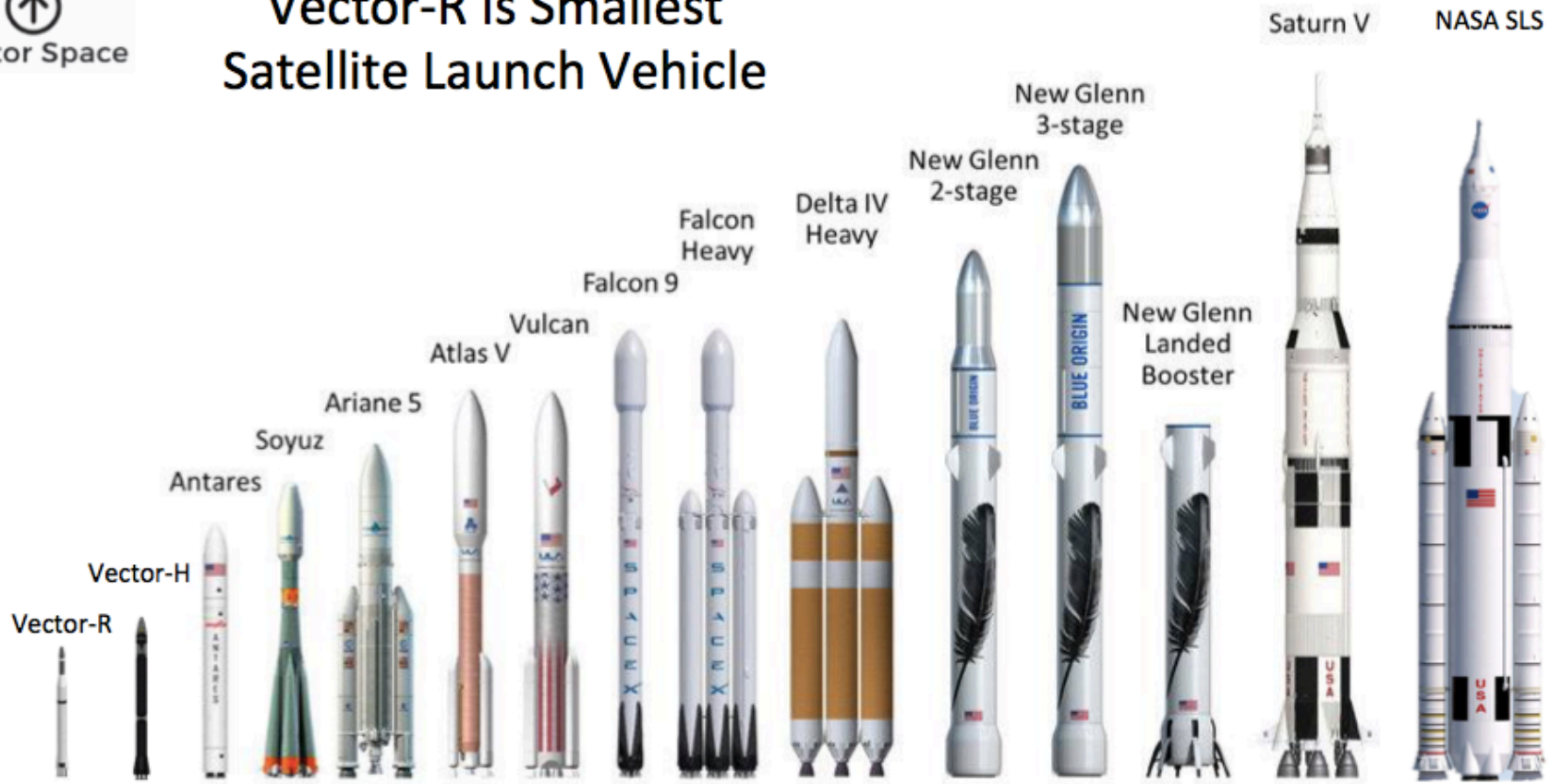
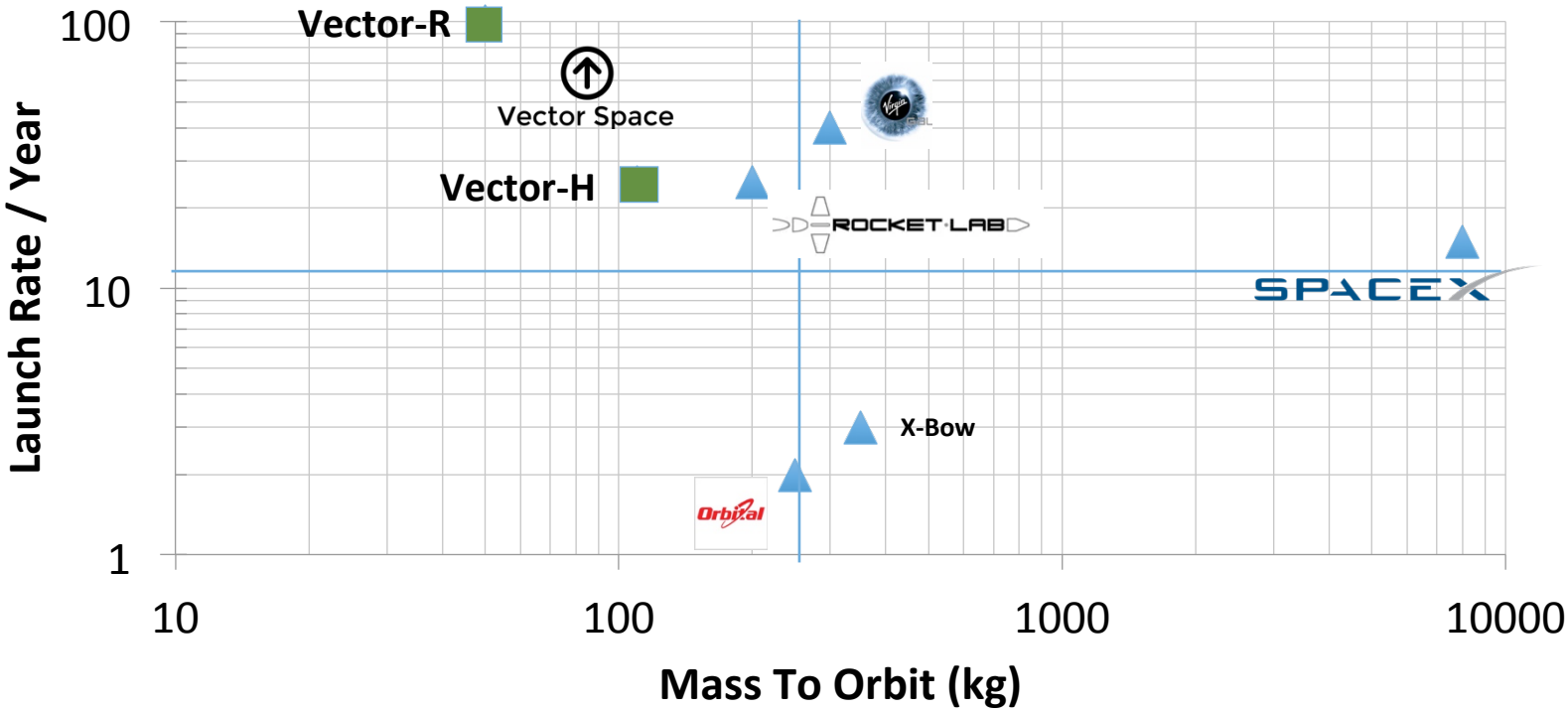
Vector Space

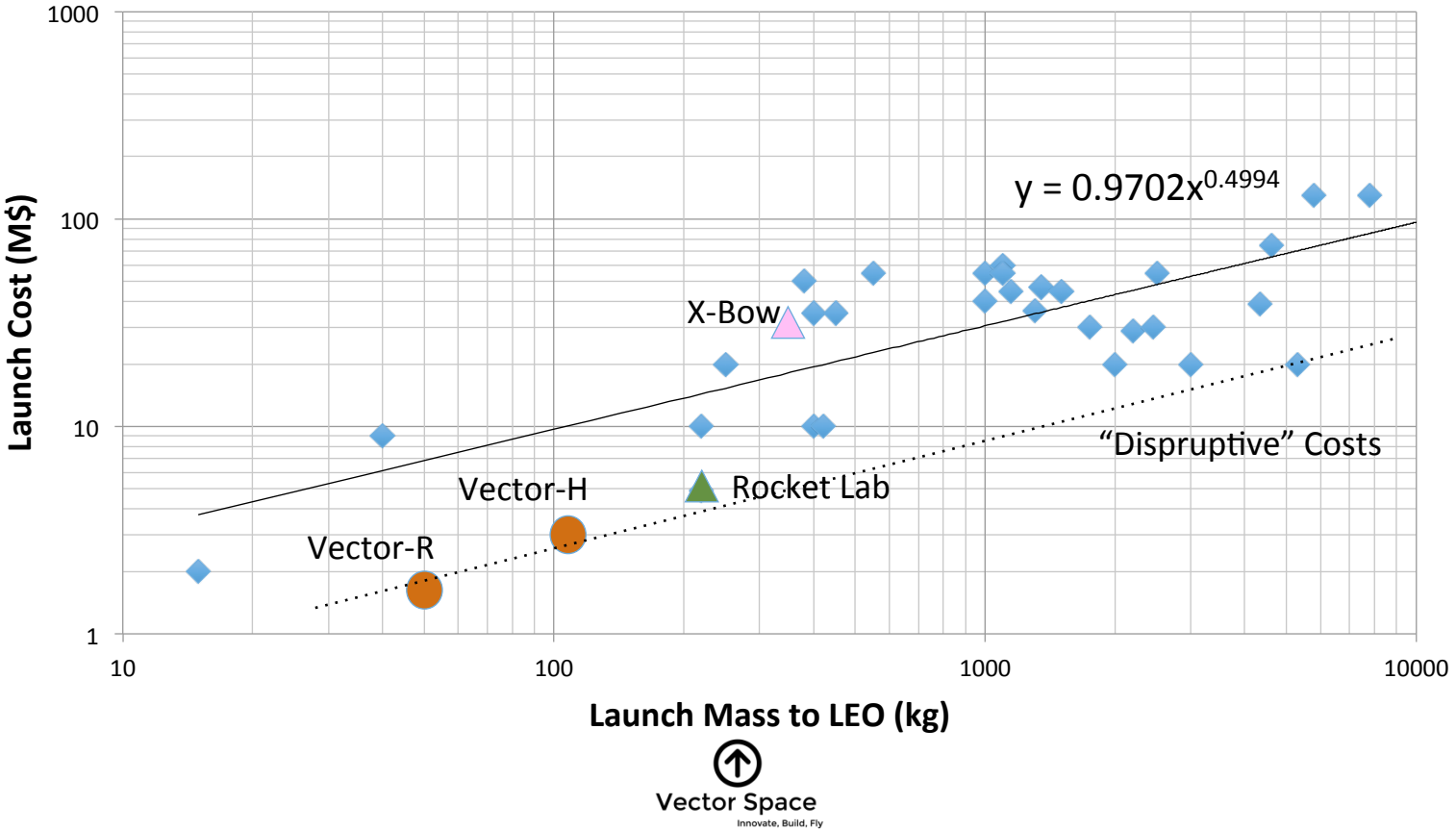
Vector-R Is Smallest Satellite Launch Vehicle



Vector Unique Positioning



Vector Lowest Priced Single Launch



VECTOR-R

50 kg to LEO
Weekly launch
1.5-2.5 M$
Lead: 3 mo.
Alaska, CCAFS

ELECTRON

150 kg to LEO
Monthly launch
5 M$
Lead: 24 mo.
NZ Launch

VECTOR-H

100 kg to LEO
25 launches/yr
3 M$
Lead: 3 mo.
Alaska, CCAFS

FALCON 9X

8000 kg to LEO
10 Launches/yr
75 M$
Lead: 36 mo.
US launch

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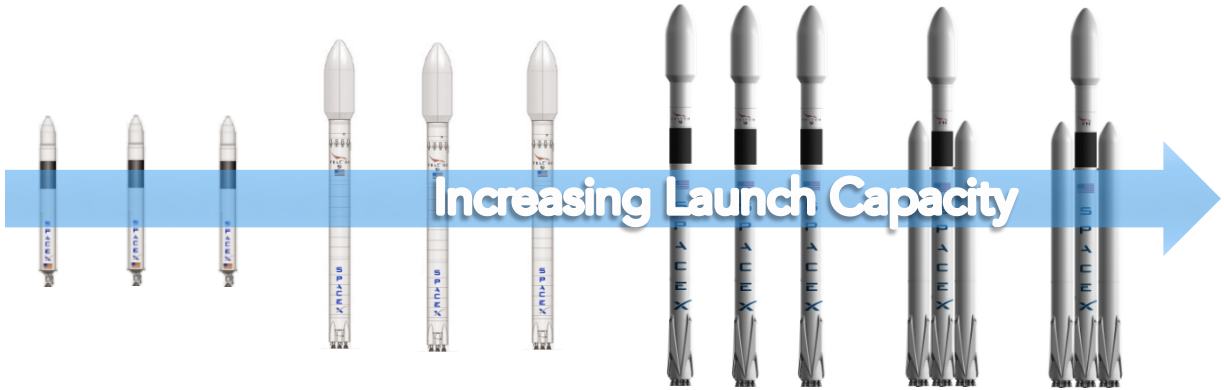
Unique Monetization Strategy

Traditional



Primary Challenges

- High CAPEX
- Large Scales
- High Costs

Vector

Primary Challenges

- Range Flow
- Manufacturing

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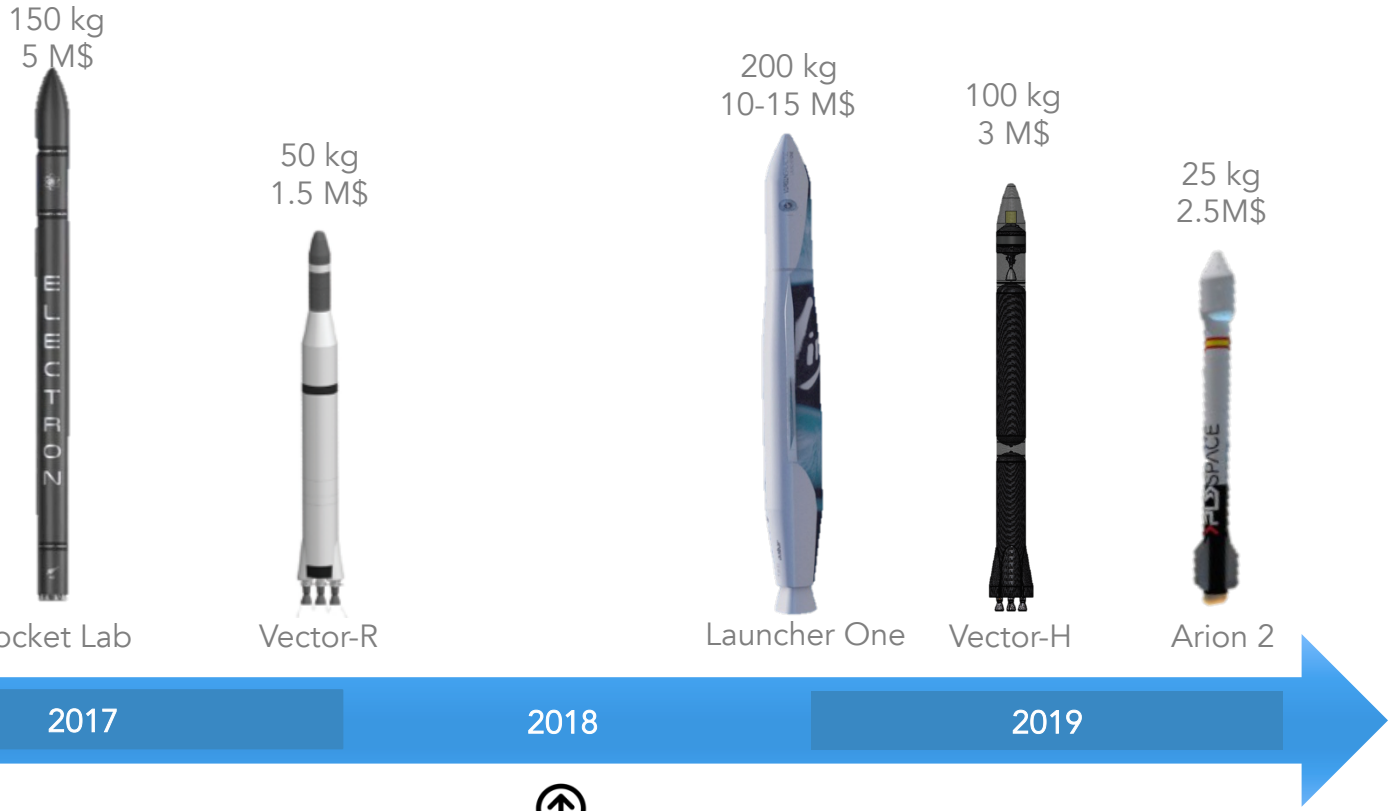
First Launch – First To Market



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Financial

- ✓ $2.5M Seed Rounds 2016
- ✓ $2.6M In New Contracts and 2016 Revenue
- ✓ Launch Manifest
  - ✓ 41 Firm Launches Signed
  - ✓ $81.7M In Backlog (Launch/Platform)
  - ✓ Additional $130M backlog in Negotiation
- ✓ Acquired Garvey Spacecraft Corp. (15 years Prior R&D worth $20M)
- ✓ A Round close anticipated Q4 2016

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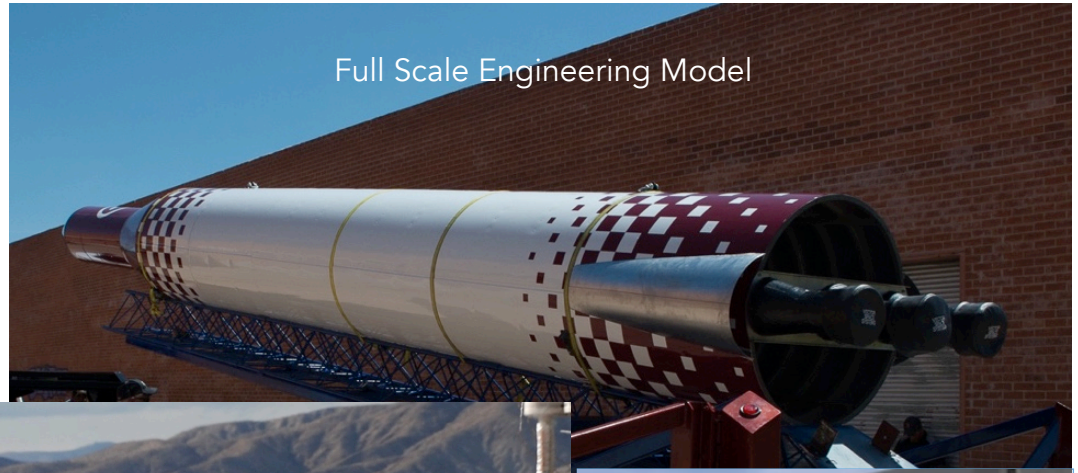
Technical Progress



1st Stage 5000 lbf. Engine Test

2nd Stage Engine (500 lbf.) Test

P-20 Flight Test

Mobile Transporter Erector Launcher

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Facilities/Site

- Discussions underway with launch sites / Regulatory authorities
  - Alaska launch range coming under contract
  - NASA offering several launch pads
  - FAA regulatory process underway
  - Barge ops pathfinder September 2016
- Pima County (Tucson) In negotiation to build Vector factory in Aero Park near Raytheon
  - Bonds/Capitalization/Permitting
  - Long term lease
- Facility build out in Huntington Beach begins once A round closed

Vector Space
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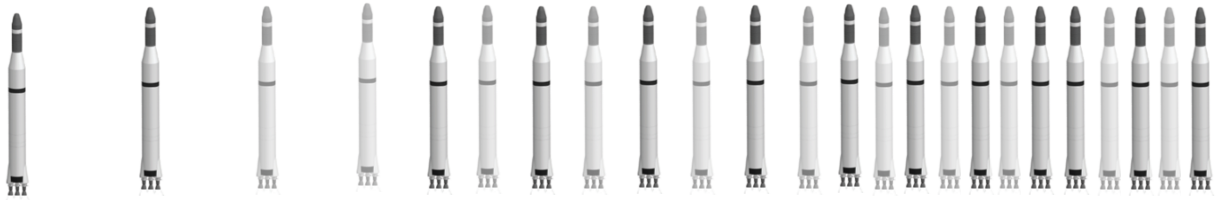
Vector-R Flight Manifest

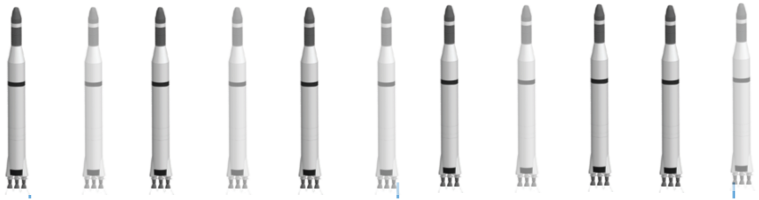
Pacific Spaceport Complex Alaska (PSCA)

First Vector R Flight 2017



Open

Cape Canaveral Air Force Station (CCAFS)



Sold

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Press To Date

Activity	Results	
Press Releases / Announcements	• SpaceX Founding Team Launches Vector Space Systems to Redefine Space Commerce • Vector Space Systems Completes Successful Test of Second Stage Engine in Advance of First Sub-Orbital Test Flight • Vector Space Completes 3D Printed Rocket Engine Test in Mojave • Vector Space Systems Completes Acquisition of Garvey Spacecraft Corporation to Enhance Micro Satellite Launch Capabilities	
Press Briefings	• Motley Fool – Richard Smith • Forbes – Alex Knapp • Quartz – Tim Fernholz • Washington Post – Christian Davenport • New Space Global – David Bullock • Aviation Week – Graham Warwick • Business Insider – Ali Sundermier • NY Observer – Robin Seemangal	• Vice/Motherboard – Jason Koebler • ABC News – Alyssa Newcomb • CNET – Luke Lancaster • Entrepreneur – Marty Jerome • BBC Live – Andrew Castle • Quartz – Michael Coren • TechCrunch – Devin Coldewey • Ars Technica – Eric Berger • CNN – Jackie Wattles
Coverage Secured	• Motley Fool • Popular Science • Aviation Week • Business Insider • TechCrunch	• Fast Company • CNET • BBC Live • Ars Technica • Business Insider

Action Plan

Seed Funding
- Reduce key risks
- Engine testing
- Thruster chambers
- Vehicle design
- Range safety initiative
- Pathfinder launch
- LOI's

Design/Manufacturing
- Team building
- Engine completion
- Flight software/Avionics
- Vehicle prototypes
- Regulatory approvals
- Manufacturing Facilities
- Sales activities

Initial Operations
- Low rate production
- In house tank fab.
- Test launches Alaska
- Florida launch facility
- Enterprise software
- Recovery systems
- Sales activities

Operational Launch
- Full rate production of 50-100 per year
- Vector 2.0 SLV
- Electric Upper Stages
- Extended vertical integration in sats

Seed Rounds 2M$ (Q2/316)
- 1st /2nd stage engine test
- Pathfinder launch EF-1,2
- S1 Propulsion Qual.
- Vehicle design complete
- Vehicle prototype

Series A 10M$ (Q416)
- S2 Propulsion Qual.
- S2/S1 Engine Prod.
- Tucson Factory
- Vector-R EFT-1 Flight

Series B 25M$ (Q4 2017)
- Limited production
- Vector-R EFT-2,3,4
- Vector-R Operational
- Vector-R OF-1,2,3

Self Funding (2019)
- Vector-H EFT-1
- 12 / year 2019
- 48 / year 2020
- Satellite Platforms
- Space API

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Thank You !