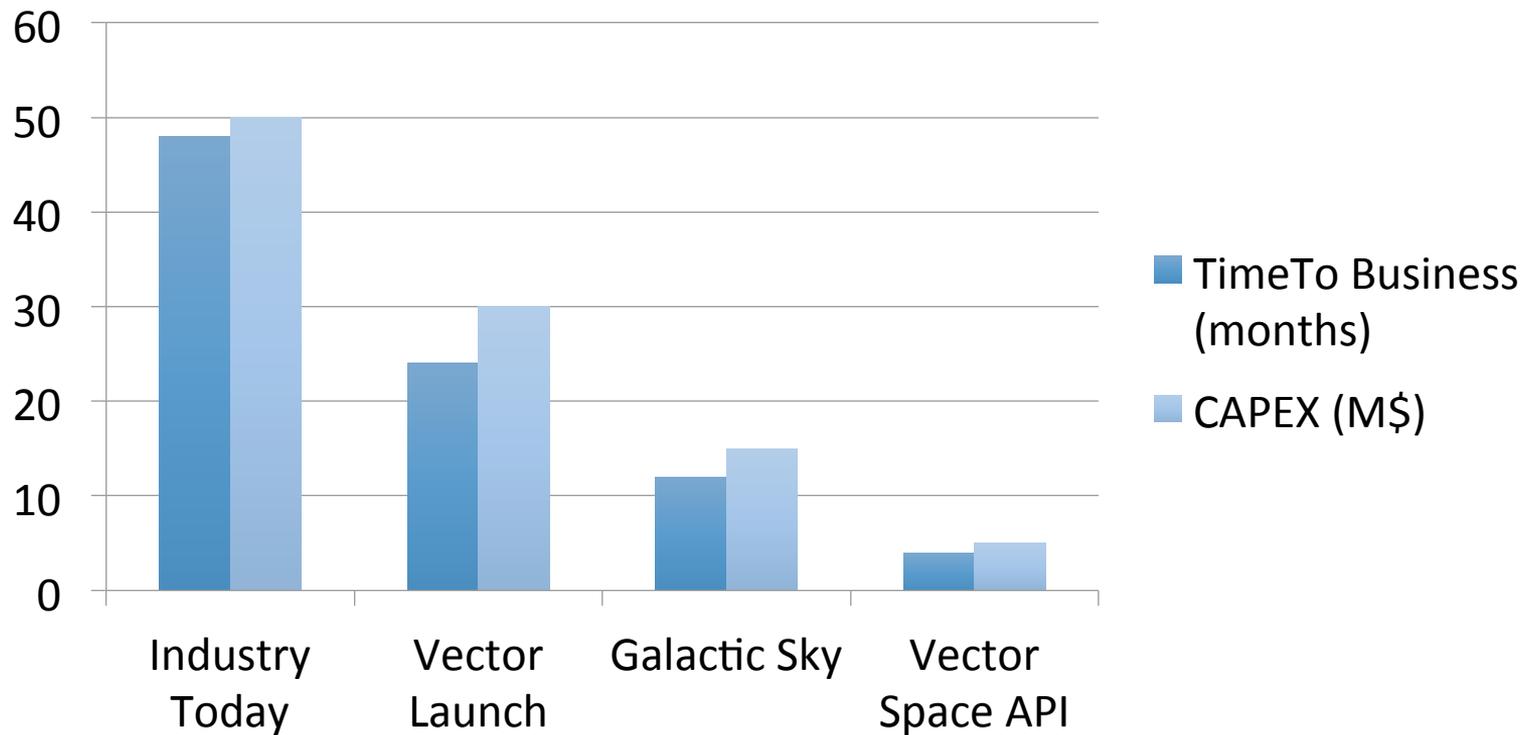
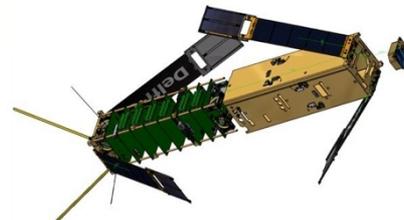


Business Model: Rapid Deployment

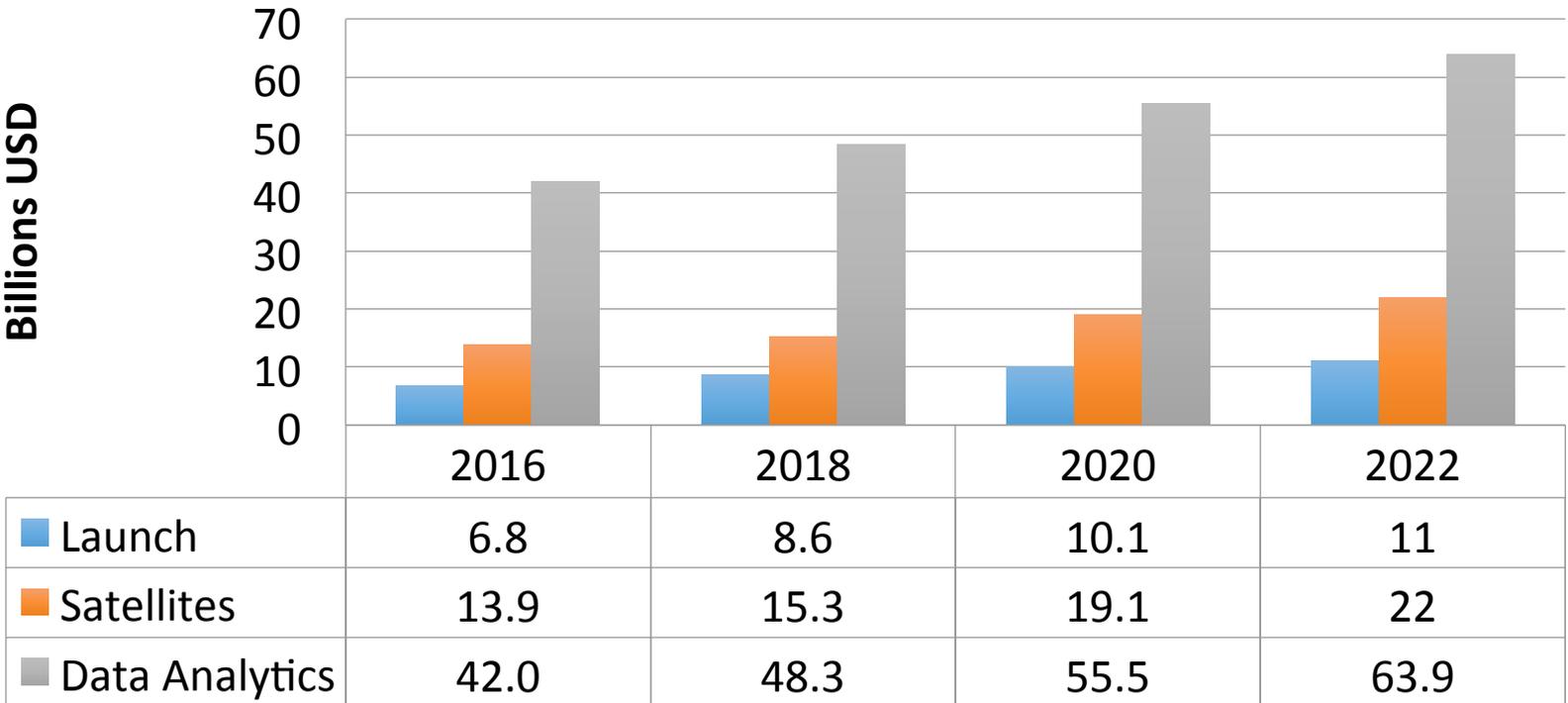


Vector Owns End-To-End System

- 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 Total Addressable Markets



Experienced Management



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



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

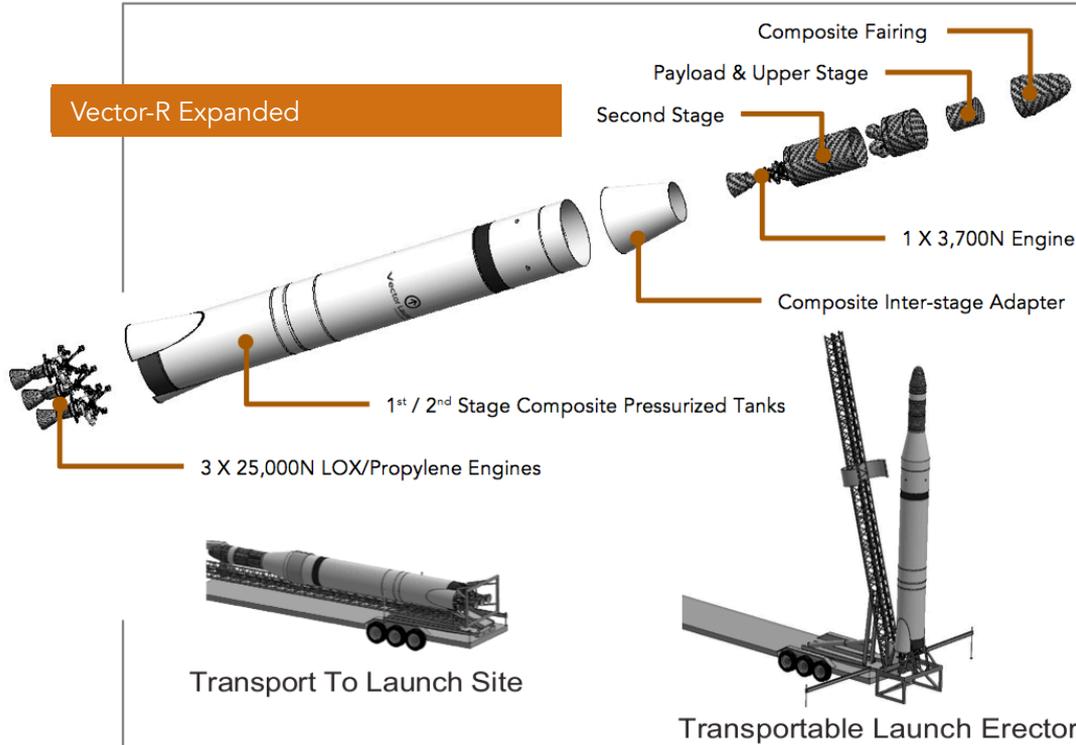


Ken Sunshine
CFO
Orbital Sciences, Virgin
Galactic, Moon Express,
MDA

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



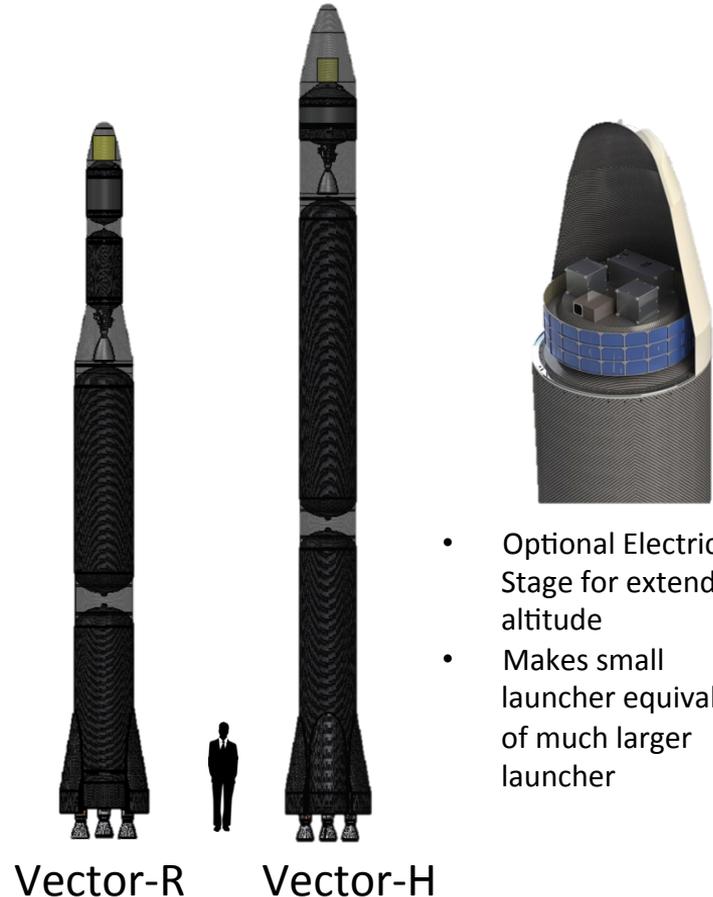
Vehicle Summary

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



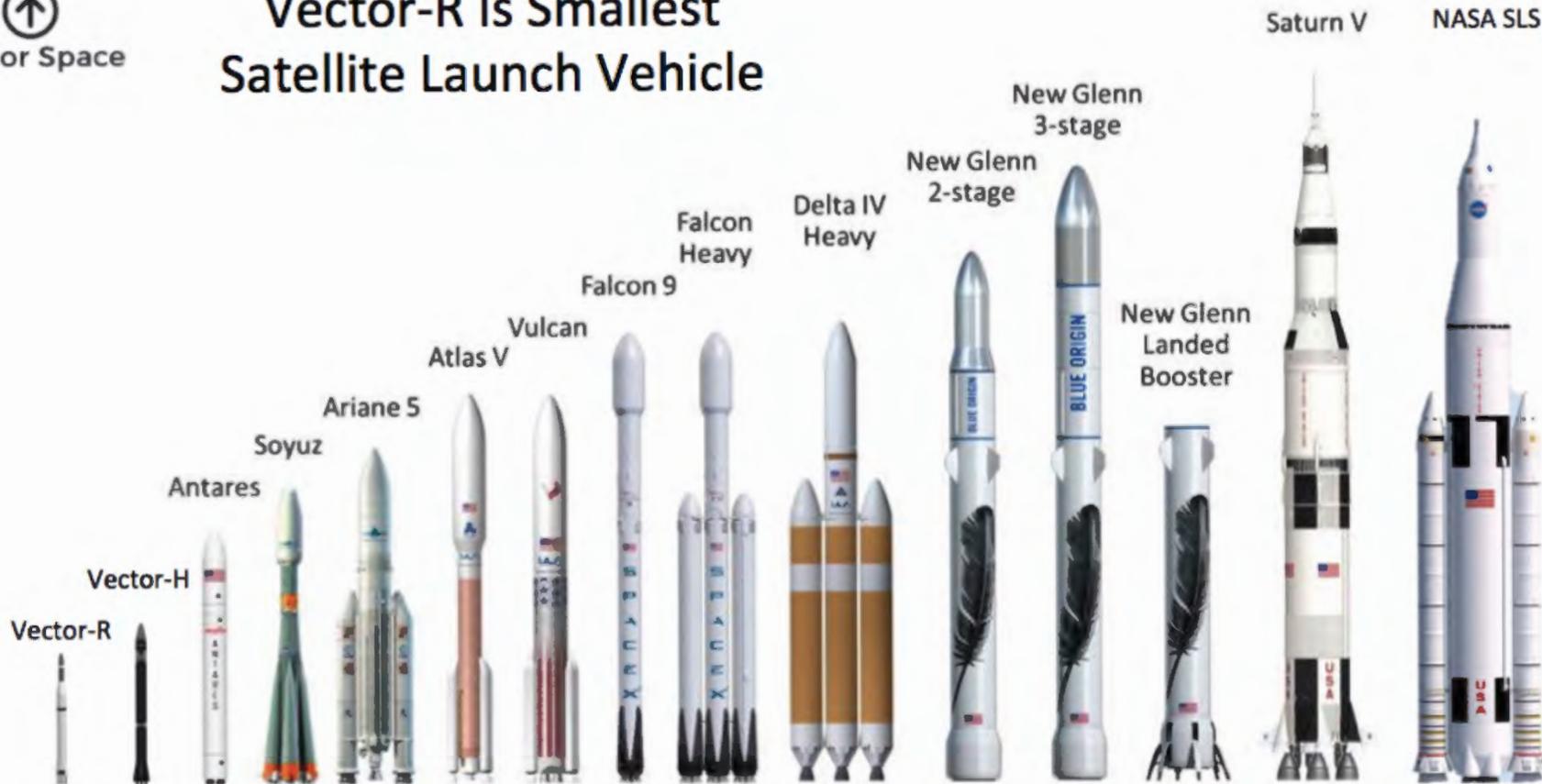
Vector Launch Family

	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/ 3 rd stage	\$2.0M	\$3.5M
Flight Rate / Year	100	25
Reusable 1st stage	Yes	Yes
Availability	2018	2019
Competitor	None	Electron

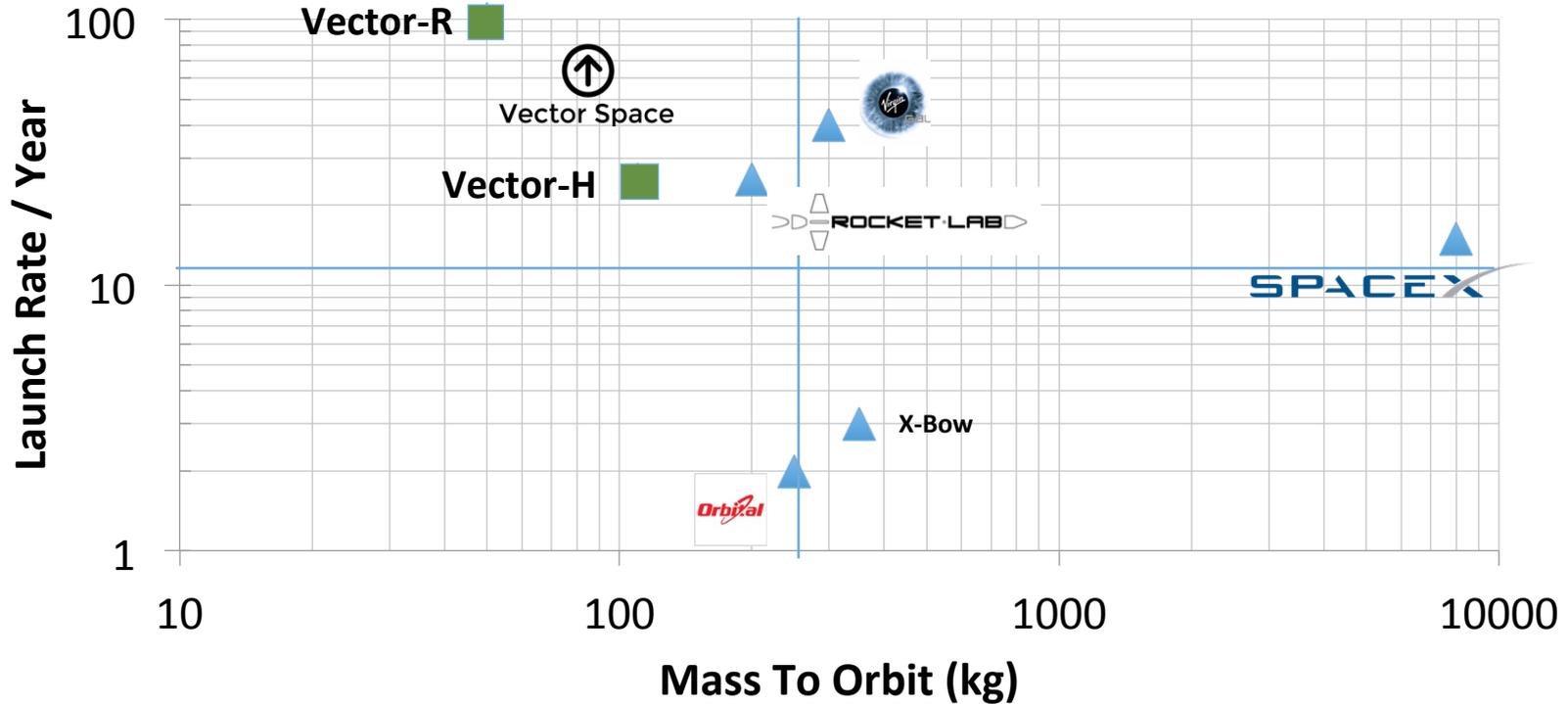


- Optional Electric 3rd Stage for extended altitude
- Makes small launcher equivalent of much larger launcher

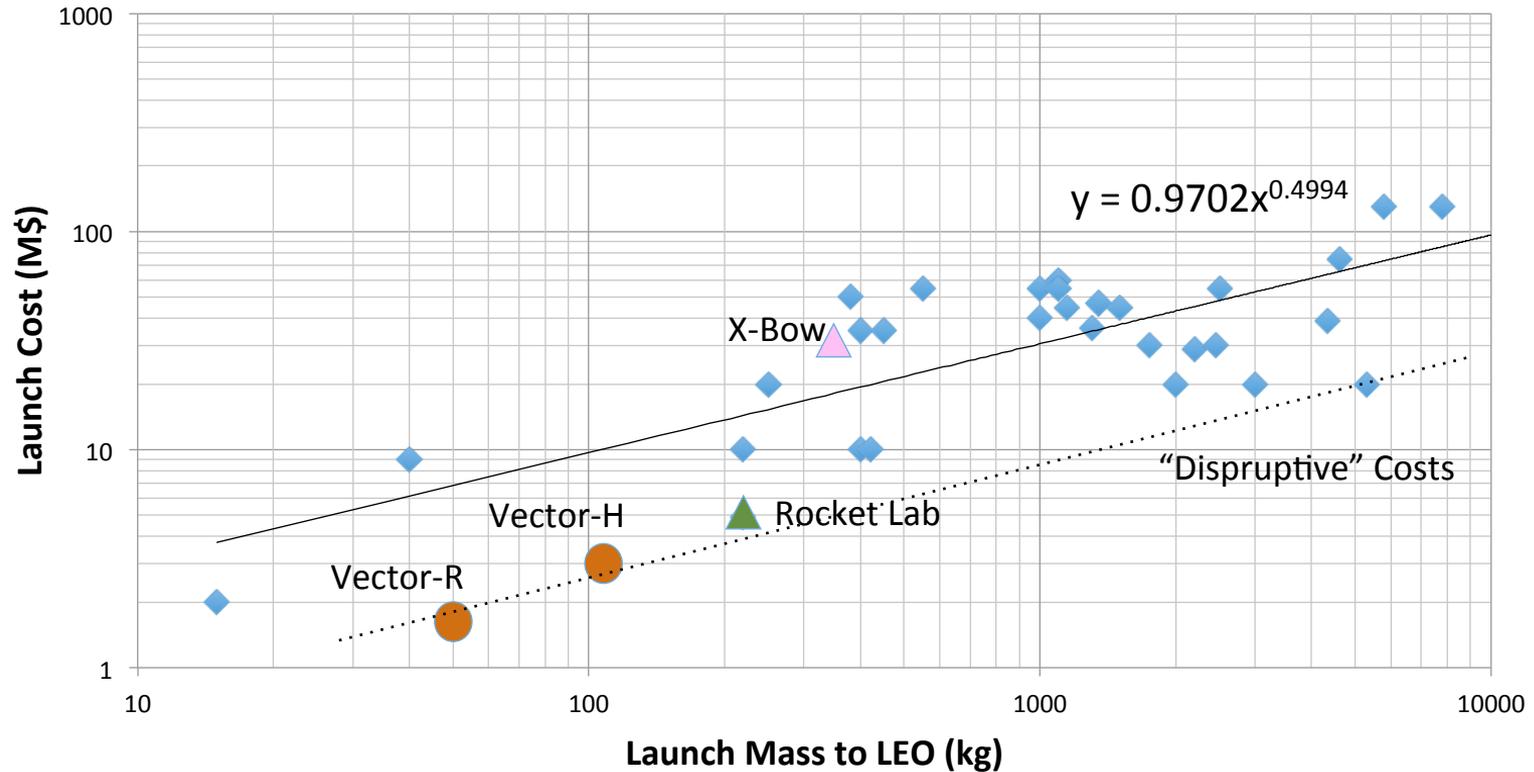
Vector-R Is Smallest Satellite Launch Vehicle



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



Unique Monetization Strategy

Traditional



Primary Challenges

- High CAPEX
- Large Scales
- High Costs

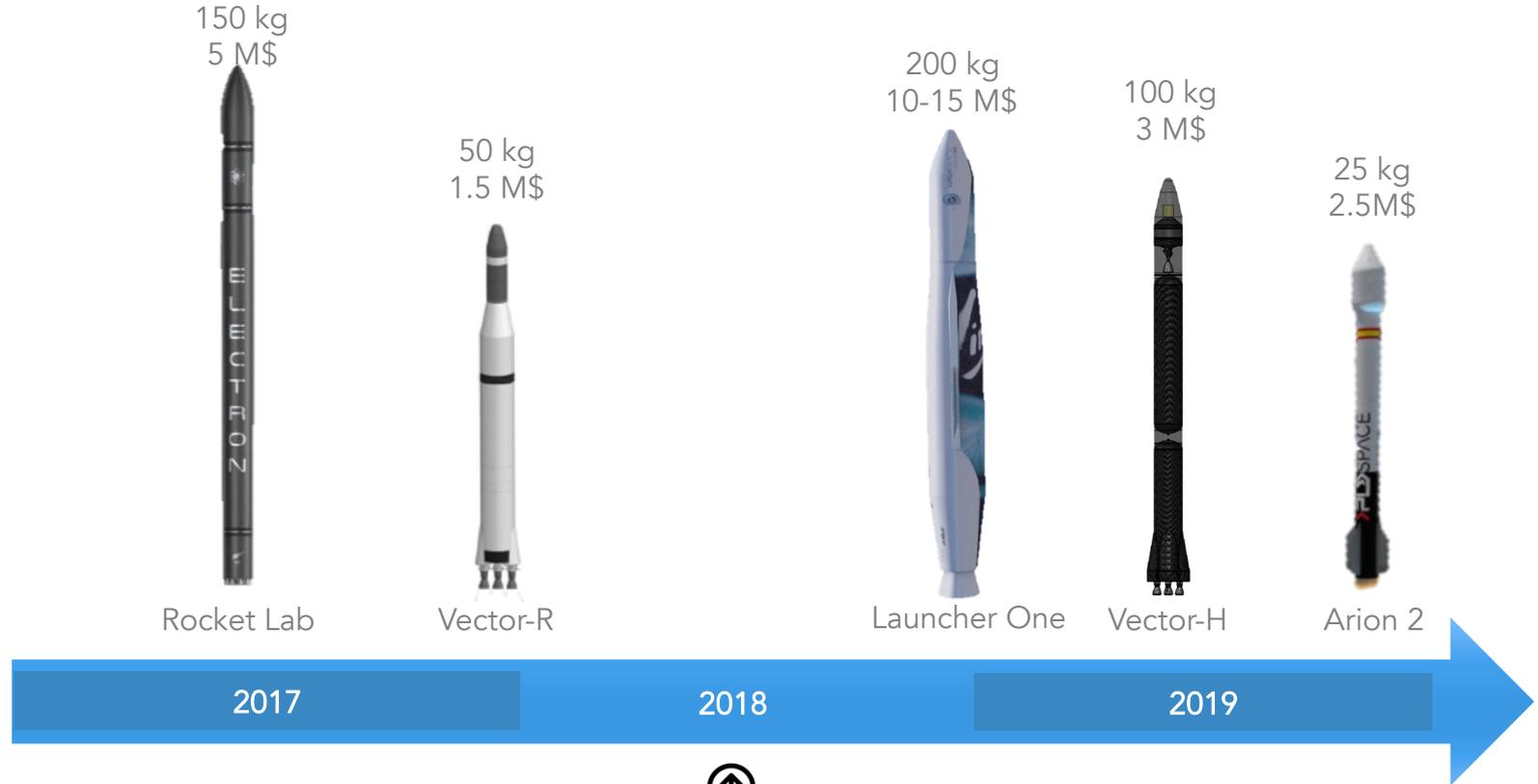
Vector



Primary Challenges

- Range Flow
- Manufacturing

First Launch – First To Market

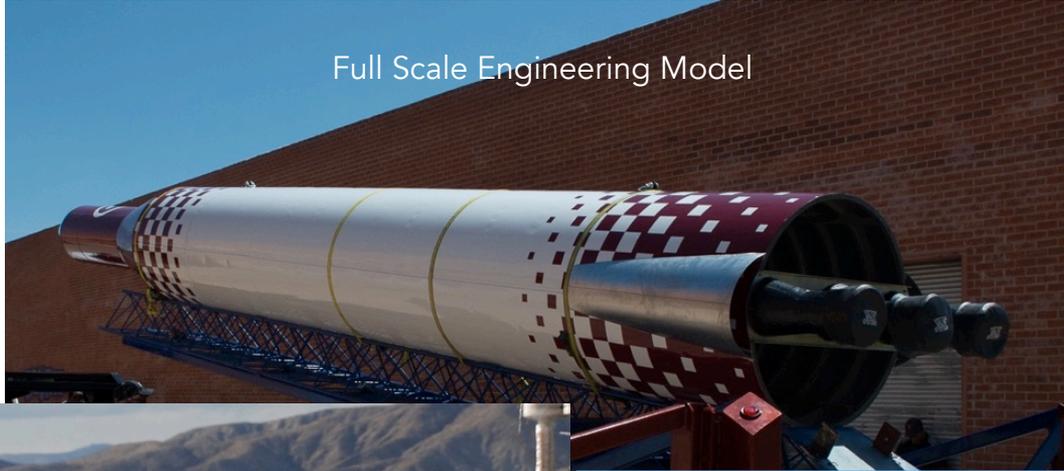


Financial

- ✓ \$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

Technical Progress

Full Scale Engineering Model



1st Stage 5000 lbf. Engine Test



2nd Stage Engine (500 lbf.) Test



P-20 Flight Test



Mobile Transporter Erector Launcher

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-R Flight Manifest

Pacific Spaceport Complex Alaska (PSCA)

First Vector R
Flight 2017



Open

Cape Canaveral Air Force Station (CCAFS)



Sold

2017

2018

2019

2020

Press To Date

Activity	Results	
<p>Press Releases / Announcements</p>	<ul style="list-style-type: none"> • 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 	
<p>Press Briefings</p>	<ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • 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
<p>Coverage Secured</p>	<ul style="list-style-type: none"> • Motley Fool • Popular Science • Aviation Week • Business Insider • TechCrunch 	<ul style="list-style-type: none"> • 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



Thank You !