• 150+ People Across 5 Offices
  - San Francisco, Boulder, Glasgow UK, Luxembourg, and Singapore

• Over 70 Satellites Launched Total, 26+ Global Groundstations
  - 15 Launch campaigns completed with 7 different launch providers
  - Ground station network owned and operated inhouse for highest level of security and resilience

• Each Point on Earth Visited 100 Times per Day
  - Complete global coverage including Arctic

• Deploying New Applications Within 6-12 Months
  - Example: Plane tracking at cost of 1/100th of old-school approach

• $130+M Raised with top institutional investors, including
  - Bessemer Venture Partners, RRE Ventures
  - Qualcomm Ventures, Airbus
  - Luxembourg Future Fund, Seraphim Capital, Baillie Gifford
SPIRE’S THREE STRATEGIC PILLARS

Spire collects data when no one else can, focusing on delivering the maximum benefit for customers while maintaining its competitive advantage.

Spire collects data where the number – rather than size – of sensors matters; thus it improves data collection by increasing overall constellation size, rather than by having to make significant modifications to satellite design.

Spire collects data with sensors that are programmable and reprogrammable when in orbit – applying Moore’s law to space.
Spire’s ownership of design through delivery coupled with select external partnerships for satellite launch enables speed, reliability and control.

Less Dependencies + Unique Satellite Constellation Model = Highest Quality Data & Lowest Risk
SPIRE’S VERTICAL INTEGRATION TRANSFORMS ORBITAL ECONOMICS

Space has been...

- Expensive ($100mm)
- Slow (36 months)
- High-Risk
- Delay Prone (2 years)
- Bespoke
- Hardware-centric

Spire makes space...

- Cost
- Time to Market
- Risk
- Reliability
- Scalability
- Technology

- Affordable ($5mm)
- Fast (6 months)
- Low-Risk
- Dependable
- Modular
- Software-centric

Expensive ($100mm)  Cost  Affordable ($5mm)
Slow (36 months)  Time to Market  Fast (6 months)
High-Risk  Risk  Low-Risk
Delay Prone (2 years)  Reliability  Dependable
Bespoke  Scalability  Modular
Hardware-centric  Technology  Software-centric
ADVANCED 24X7 SATELLITE OPERATIONS

• Operations Team on 3 Continents with State-of-the-art Tracking & Commanding Dashboard
• Automated satellite tracking and scheduling via proprietary communication architecture
• Rolling on-orbit software upgrades - constellation performance constantly being optimized
WORLD’S LARGEST GROUND CAPABILITY

• 26+ Ground Stations Installed Today
• Global Coverage Supports Multiple Orbits
WORLD’S MOST EXTENSIVE LAUNCH CAPABILITY

- One launch booked ~ every 6 weeks
- Multiple satellites manifested per launch
- Preferential access to the most frequent ride-along opportunities
- Decoupled Launch Risk from Business Success - Failures or delays of individual launches have little to no effect on performance
SPIRE PLATFORM CREATES NETWORK BENEFITS

Each of Spire’s Satellites Can Host Multiple Applications, Allowing for Exponential Improvement in Data Quality as New Satellites are Deployed

Initial Application | Enhances Existing Application Data Set | Further Enhances and Broadens Data Set

AIS | AIS + GPS-RO | Deployment of New Applications

Multiplier Effect as Satellites Host Multiple Payloads

4 Available Expansion Slots

AIS Sensor | AIS Sensor | AIS Sensor

Empty - Space for Additional Payloads | GPS-RO Sensor | GNSS-RO Sensor

Empty | Empty

New Payloads for New and Existing Applications
CONSTANT INNOVATION AND LAUNCH

- 4 Months From Design to Launch
- Building Up To 10+ Satellites At Once
  - Completing up to 2 per week
- Industry-First Launch Schedule
  - Constantly launching new satellites
  - Compatible with most launches with secondary payloads
- Diverse set of orbits
  - Covering the entire globe through launches into several different orbital planes

Smooth, repeatable, month in & month out
A first in the space industry
Spire is uniquely positioned for hosted payload support

- Design to launch – approximately 4-6 months
- Build 1 satellite per week in our Glasgow, Scotland facility
- End to end encryption of data already implemented
- 26+ Ground Stations and growing for low data latency
- Spire has a funded/working constellation of satellites with multiple customers
- Can host payloads in 6 months to orbit from contract signing.
- Able to provide a service at a much lower cost than traditional space-based tracking due to use of cutting edge nanosatellite technology