



Workshop: Attracting Defense Business

Lowering DoD Barriers for Commercial Space

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“Accelerating Innovation for National Defense”

Introduction



Image source: Getty Images

Shifting from an old Paradigm

The U.S. traditionally employs large, exquisite (and therefore very expensive) capabilities in space for national security and defense. **These satellites cost billions** of dollars and require many years to build; and millions of dollars to operate.

Smallsats are the **new smartphones of space**.

How do we leverage these technologies by lowering barriers to innovative commercial space companies?

Support from the Top

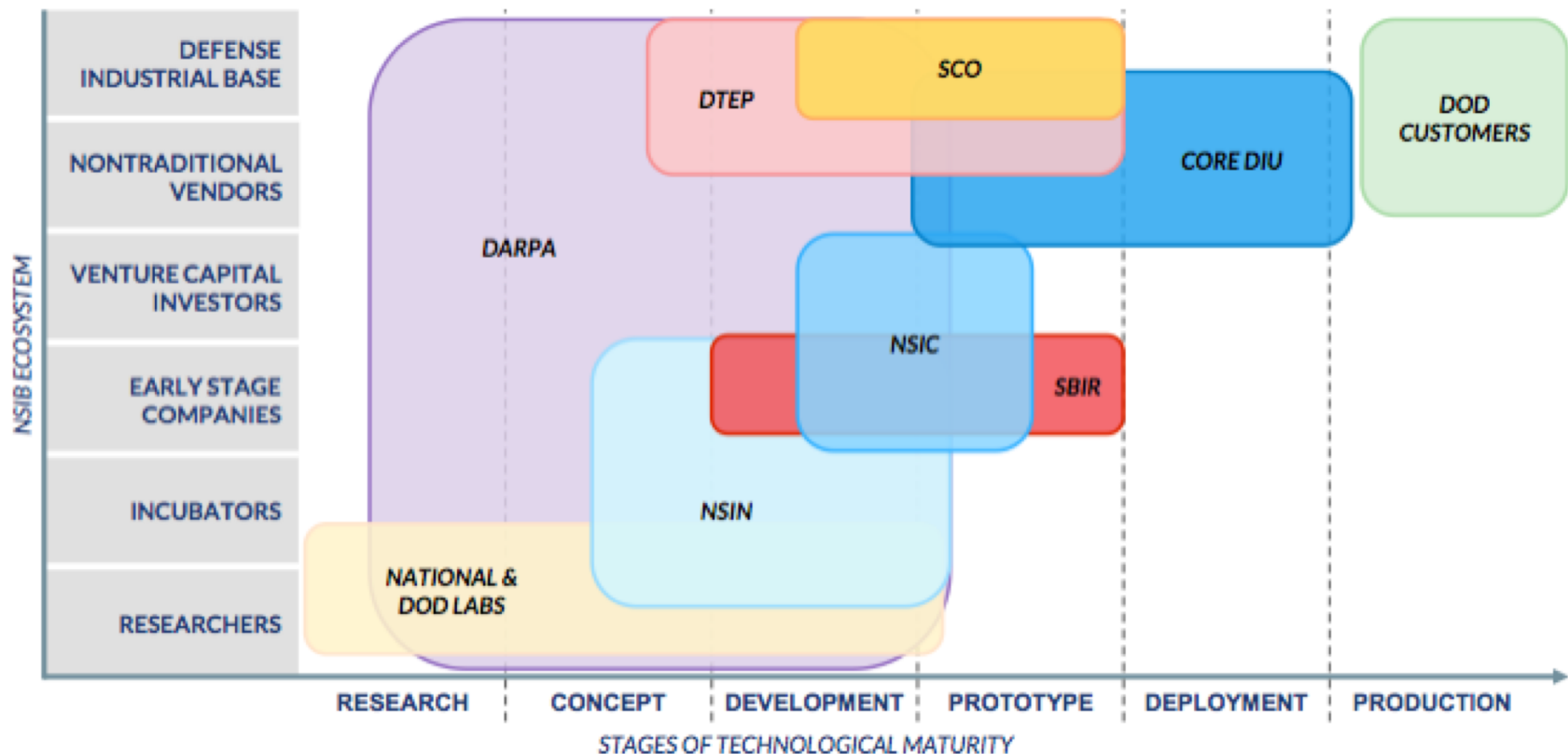
"This initiative will allow the Department to leverage less expensive radar imaging satellites to fill gaps in space-based reconnaissance by encouraging commercial development in space-based radar imaging. This will allow the Joint Force to deploy the right capability for a given situation, allow us to flex and adapt to the threat, respond to the situation, and be unpredictable across an increasingly contested space environment.

However, commercial radar imaging by no means replaces the need for exquisite government satellites capable of focusing on specific targets of interest; rather, it provides capacity and broader focus for countrywide patterns of life that in turn can provide indications and warning to tip exquisite assets or posture forces."



- **GEN PAUL SELVA, Vice Chairman JCS**
Re-Appointment Hearing, 18 July 2017

Select Research & Engineering Organizations



PROVIDING COMMERCIAL SOLUTIONS TO DOD PROBLEMS



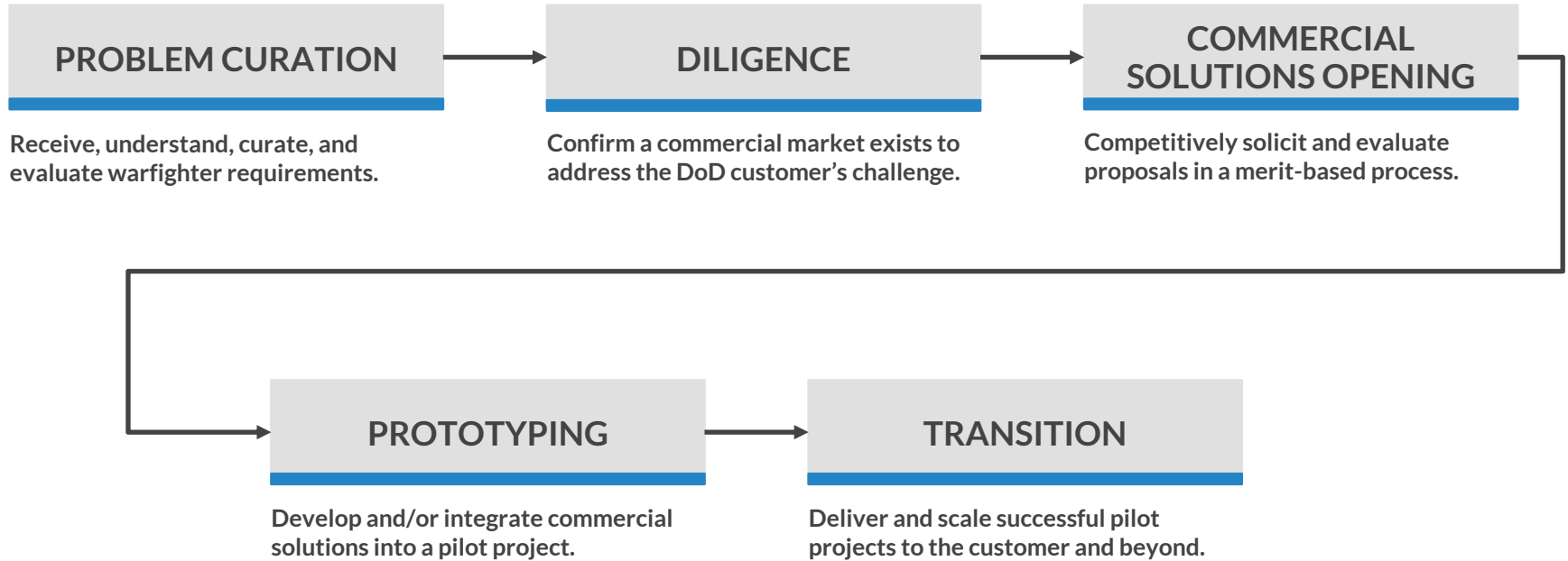
Benefits for DoD

- Leading technology access
- Sourced faster
- \$ saved
- Adoption accelerated
- Add new vendors to the NSIB

Solutions Leveraged

- VC Investment \$
- Commercial Market Volumes/Costs

The DIU Prototyping Process



QUESTIONS?