

Delivering on Assistant Secretary Frank Calvelli's Formula for Success

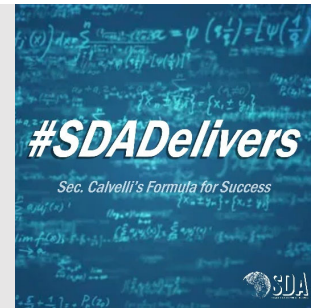


What is the formula for success?



Build smaller systems

- + Use existing technology, designs to minimize non-recurring engineering
- + Drive contract scope/length to be 2-3 years from start to launch
- + Use fixed price contracts
- = Mission capabilities faster to our troops



How does SDA deliver on Assistant Secretary Calvelli's formula for success?



Build smaller systems



- The Proliferated Warfighter Space Architecture is a fully capable, low latency data transport network and military sensing system. The PWSA's **proliferation and resilience** will enable faster and more reliable delivery of data to the tactical edge, including missile warning and tracking.



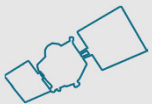
- The **smaller space vehicles** and **commercially-based ground systems** of the PWSA will deliver faster capabilities to the warfighter.



Use existing technology designs to minimize non-recurring engineering



- SDA prioritizes both speed and schedule to leverage commercial advances to deliver on a **two-year spiral development timeline**.



- SDA uses **commercial or commercially-derived small satellite buses** developed in commercial markets and modified only as needed for the PWSA.

\$15M

- For Tranche 0 of the PWSA, SDA acquired Transport Layer space vehicles for less than **\$15 million each** by using existing technology!

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Drive Contract Scope to three years or less, from start to launch



- **From order to orbit**, SDA launched the first Transport satellites in **30 months** and the Tracking satellites launched in just **27 months!**



- Vendor lock is unacceptable at SDA... we will conduct **full and open competition** for every layer in every tranche, wherever possible. Our goal is to allow industry the opportunity to invest, plan, and compete on a predictable timeline.



- Currently SDA averages just over **100 days from solicitation to award!**



Use Fixed Price Contracts



- SDA uses Other Transaction Authorities for most awards enabling **greater flexibility** in negotiating an agreement while also enabling SDA to **deliver at speed**.



- From 2021-2022, SDA **awarded 13 Other Transaction Authority agreements** for prototyping to field both the Tranche 1 Transport Layer and Tranche 1 Tracking Layer. Additionally, SDA made **fixed-price awards** for the PWSA Experimental Testbed (NEXt), and Tranche 1 Demonstration and Experimentation System (T1DES).



Mission capabilities faster to our troops



- SDA will continue to apply Assistant Secretary Calvelli's formula for success to **deliver space-based capabilities to the joint warfighter FASTER!**

#SDADelivers