

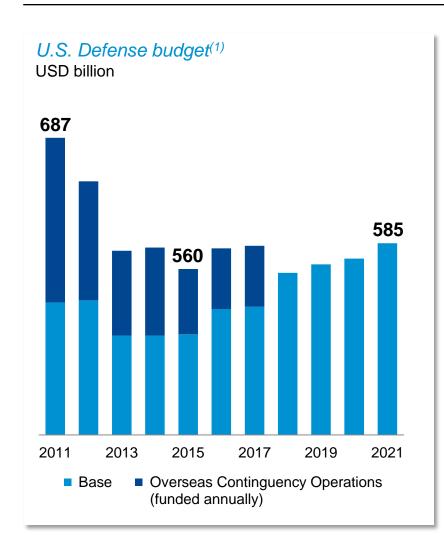
SES's growth markets: U.S. government

Pete Hoene, CEO of SES Government Solutions



57

U.S. government defense spending and SES GS performance



U.S. government budget stabilising

- Most of cuts occurred in 2012-2015, but Budget will remain tight through to 2017
- Overseas Contingency Operations Funding augments DoD base funding; future value to be determined
- Some relief in 2016-17 from sequestration threat
- While Presidential election introduces some uncertainty, overall outlook is favorable
- ▲ SES GS delivered robust performance in a competitive, budget constrained environment
 - Gained market share and increasing sales over last five years
 - Expanding and diversifying SES GS's portfolio
 - Hosted payloads
 - End-to-end solutions
 - Managed services

1) Source: US DoD



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Scalable strategy serving USG SATCOM requirements

Distribution of U.S. government SATCOM pipeline/demand



- ▲ Supporting U.S. government missions worldwide
 - · Securing significant new business and have a robust pipeline of opportunities
- ▲ Underlying demand is strong globally
- ▲ Core business remains stable with benefit of diversified portfolio



















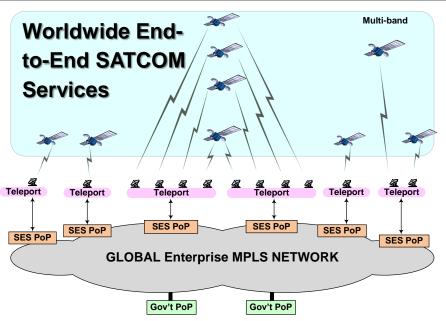
Delivering differentiated, holistic solutions

Infrastructure Provider

Network Platform

Service Provider





- ▲ SES GS delivered **Trojan solution** to address US Army Intelligence & Security Command (INSCOM) requirements
- ▲ **Key elements** of **Trojan** solution include:
 - Worldwide, multi-band end-to-end managed services
 - Self-healing terrestrial network provides end users with access to SES global fleet and teleport infrastructure
 - Centralised network management in SES GS's NOC
 - Customised network and bandwidth management tools





Delivering differentiated, holistic solutions

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- ▲ NWS Office Pago Pago requested SES GS deliver O3b solution to American Samoa to support tropical weather alerts and warnings
- ▲ **Key requirement**: replace unreliable terrestrial link
- **▲** Delivered solution
 - Managed O3b service providing high-speed data connection between NWSO Pago Pago and primary Pacific NWS center in Hawaii
 - 5 x 5 Mbps using 2.4M GD antennas with room to grow
 - Radomes rated to 200 mph to protect antennas



SES[^]

Shaping the future by innovating at all levels

▲ Improving SATCOM performance, maximising operational availability and delivering world-class solutions





Global GEO fleet and future HTS services (SES-12/SES-14/SES-15) provide USG with resilient SATCOM



Adds 'game-changing' capabilities to SES's GEO product line



- Developing and delivering network management tools
- Customising managed service applications (e.g. Bandwidth Manager) to optimise service delivery

Ground

- Improving customer access to SES Fleet through world-wide, highly reliable, self-healing terrestrial networks
- Building out key infrastructure with 'state-of-the-art', sustainable hubs for dynamic bandwidth allocation



Application

- Enabling time-critical delivery of ISR information to meet National-level USG mission requirements
- ▲ Delivering innovative SATCOM solutions and applications to USG end-users operating in demanding locations

Accelerating SES's future-proof differentiation

Three key principles:

Distinct infrastructure to holistic solution

- ▲ Evolution of stand-alone, highly customised networks to enterprise, end-to-end solutions addressing multiple customer requirements (e.g. transition of **US Army's Trojan network)**
- ▲ Shaping acquisition strategy to use procurement dollars for COMSATCOM buy as critical infrastructure vs. commodity

Yield management to value management

- ▲ Diversifying and expanding SES's portfolio to include hosted payloads, complex end-to-end solutions and managed services
- ▲ Leveraging deep understanding of USG customers and missions to provide leading edge solutions

Relevance to resilience

- ▲ Government Affairs efforts are shaping Congressional language and future USG architectures to enable USG resilience and ensure operations in a contested/congested space environment
- ▲ Evolving from single threaded, unreliable customised ground infrastructure to highly reliable self-healing networks