



The Connected Government

MORE AGILE AND RESILIENT

In a connected world, access to communication is essential to a well-functioning society. Connectivity keeps us informed about our infrastructure, and provides us with knowledge and interaction as individuals. When society becomes destabilised – whether by earthquake, oil spill, cyber attack, or act of terror – it takes a full range of electronic communications to manage the crisis efficiently and effectively. Secure, off-the-grid connectivity via satellite is an essential component of every next-generation network, providing resilience, and enabling government bodies to rapidly respond to emergency situations, restore governmental communications, and protect critical infrastructure.

Flexible and Extensive Satellite Fleet

SES Networks offers the world's most flexible and extensive satellite fleet to meet every government, defence, security, and civic connectivity need. Our unique combination of satellites in the Geostationary Earth Orbit (GEO) and high-throughput, low-latency capabilities of Medium Earth Orbit (MEO), as well as protected government reserved frequency bands on the GovSat-1 satellite, provided where and when you need it. Over 58 governmental customers already relied on SES Networks' solutions from deploying VSAT networks enhancing the national ICT infrastructure to mobile connectivity supporting troops on land, at sea, and in the air. We offer both commercial bandwidth and protected government frequencies (X-band and military Ka-band), supported by a team of experts enabling any ground-based system for satellite communications.

Mobilising Defence and Security Applications

Defence and security organisations increasingly rely on connectivity to help them face the world's most complex challenges. HTS capacity need for government and military applications is constantly growing - this increase is largely driven by the demanding throughputs required to share real-time video and information collected by Remotely Piloted Air System (RPAS).

Our satellites provide the HTS and wide-beam capabilities your organisation needs, for every communications application:

- Solutions tailored to your organisation's methods and technology
- Persistent situational awareness of weaknesses and threats
- Mission-critical connectivity for local and global ship-to-ship and ship-to-shore communications
- Connects theatre-deployed users with operations centres, headquarters, and field-deployed command and control stations
- Primary, backup, and emergency restoration communications to critical sites
- Ultra-low latency, fiber equivalent on-the-move ISR, driving exponential growth in the use of RPAS for defence and security applications

PROVIDING HIGH-THROUGHPUT CONNECTIVITY FOR RPAS

As ISR becomes an increasingly important defence strategy globally. The focus on ISR is driving exponential growth in the use of RPAS for defence and security applications. Our satellite-enabled solutions are tailored to your organisation's methods and technology.

CONNECTING AND SURVEILLING THE SEAS

Connecting naval missions has, with efficient communications, traditionally been very difficult. Naval satellite communications provide mission-critical connectivity for theatre and global ship-to-ship and ship-to-shore communications, enabled by SES Networks' flexible array of space assets in both GEO and MEO.

CONNECTING USERS DEPLOYED IN THE FIELD

Theatre-deployed users need to keep connected with operations centres, headquarters, and field-deployed command and control stations. Our satellites deliver very high data rates, and bi-directional and multi-directional communications between strategically placed users to ensure decisions are made based on real-time situational awareness.

SECURING YOUR LANDS AND BORDERS

Homeland security organisations are increasingly using video screening and imagery from locations where security personnel are not present to keep borders secure, and to increase safety within your borders. Satellite communications provide defence teams and decision-makers with persistent situational awareness of weaknesses and threats.

IMPROVING THE MORALE AND WELFARE OF TROOPS

Keeping in contact with those back home is key in the welfare of troops and sailors abroad. SES Networks' connectivity solutions provide access to IP applications such as Voice over IP (VoIP), email, Skype, FaceTime, and streaming, enabling personnel to keep in contact with those back home, wherever they are deployed.

CRITICAL INFRASTRUCTURE PROTECTION

We provide primary, backup and emergency restoration communications to critical sites such as power plants, airports and data centres to ensure that your nation's key infrastructure is connected in the event of intentional or unintentional connectivity blackouts.



Learn more about SES Networks' full portfolio of services and solutions.
Website: ses.com/networks

