



SPACEBRIDGE: SATELLITE CONNECTIVITY THAT SAVES LIVES

Adapting commercial satellite communication solutions to meet the availability, reliability and security needs required by tactical communications is the fastest way to bring the latest technologies to the armed forces, according to David Gelerman, Founder and CEO of SpaceBridge.

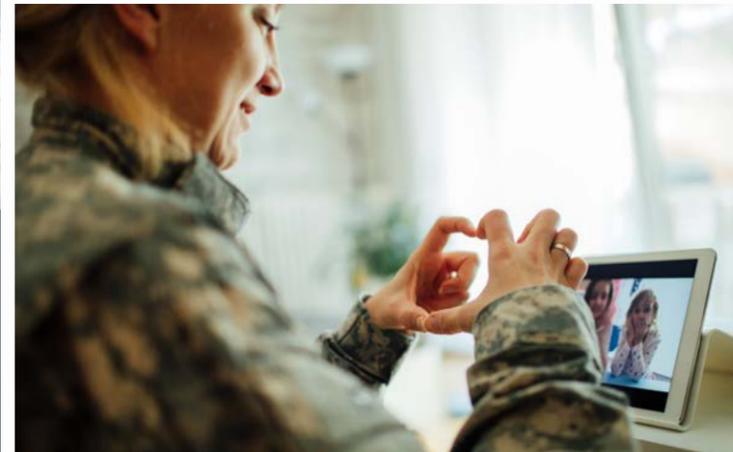
The growing concern for terrorism, the developing disputes among countries across the world, the transfer of refugees between countries and the urgency to modernise ageing communication equipment are some of the major factors that have driven the increased demand for better tactical communication systems to be implemented by the armed forces and homeland security agencies worldwide.

"We are in a time of evolution for military communications," Mr Gelerman said. "The threats the world is facing today are unconventional, which calls for

the exploration of new technologies that can serve the armed forces to respond to the uncertainty."

As the governments' investment on tactical communications increases, as does the strictness on their demands and the expectations for more robust technologies. As stated by NATO Secretary General Jens Stoltenberg at NATO Engages in February, when referring to the focus the organisation is taking on space and cybersecurity, "NATO has agreed on investing more in research and development. We had this 20% pledge, meaning that 20% of the defence budget should be allocated for research, development and investments in new capabilities."

"When designing and producing solutions for tactical communications we always must take into consideration the impact this one has in people lives. Therefore, our focus is the enhancement of our solution to provide maximum



availability, reliability and security," Mr Gelerman said when talking about the premises his corporation has implemented to successfully design a satellite communication system provided and implemented in the facilities of major armed forces worldwide.

Due to the critical nature of the military missions, reliable, fast and real-time communication between the base command, control centres and the units widely dispersed in the field is essential for situational awareness and real-time decision-making. The establishment of resilient and fast voice, video and data communications is crucial in the tactical development of the troops in the field. "In times of war or special operation, there is no opportunity for failure," Mr Gelerman said. "In military communications systems, the design, production and quality assurance processes must be strictly followed in order to guarantee

maximum quality and availability. At SpaceBridge, we are proud of being recognised by the Defense Information System Agency (DISA) for meeting the urgent Warfighter and dismounted troops' needs in the US Department of Defense, providing 99.999% system availability through SpaceBridge's platforms, which they have been operating since 2005 and continuously upgrading and expanding."

However, high availability is not the only concern related to communications for the armed forces around the world. Information has been identified by several armed forces as the fifth domain of warfare besides land, sea, air and space where military operations can take place and therefore, its protection has become a priority not only for military forces but also for intelligence agencies. "Security measures at both, physical and data levels are performed to guarantee safeguarding of sensitive or classified resources to be transmitted over the network," Mr Gelerman said.

"At SpaceBridge, we are all hands on deck for the research and development of bold military-grade products that we will be able to implement via our high-throughput commercial solution to provide the required flexibility, security, availability and resilience needed on military communications while offering the latest innovations in the marketplace."

"The Hellenic government and defence operational requirements demand a very high availability and resiliency, which are above average (99.99999%) to operate real-time systems for critical missions. SpaceBridge provided us with what we were looking for by providing an extremely reliable system. These days we are deploying the third system with exceptional vendor-customer collaboration." – HELLASAT CEO.



Founded in 1988, SpaceBridge Inc is an established supplier and global market leader in broadband satellite communications systems technology. It was previously known as Advantech Wireless Inc.

Headquartered in Montreal, Canada, SpaceBridge Inc is well positioned to meet the demands of today's global market, with two affiliate R&D offshore innovation centres and sales and support offices, as well as remote offices in Brazil, Colombia, United Kingdom, the Middle East, Indonesia, China and Russia. SpaceBridge is an ISO9001 registered vendor.