



Enabling National Resistance Operations

ASSURED, FLEXIBLE, HIGH CAPACITY
COMMUNICATIONS DELIVERED AT SPEED.

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Resistance is a nation's organised effort, led by a legally established government, to reestablish independence and autonomy within its territory occupied by a foreign power. Communications is critical to ensuring the effort is effectively organised.

Countries need assured communications and connectivity to:

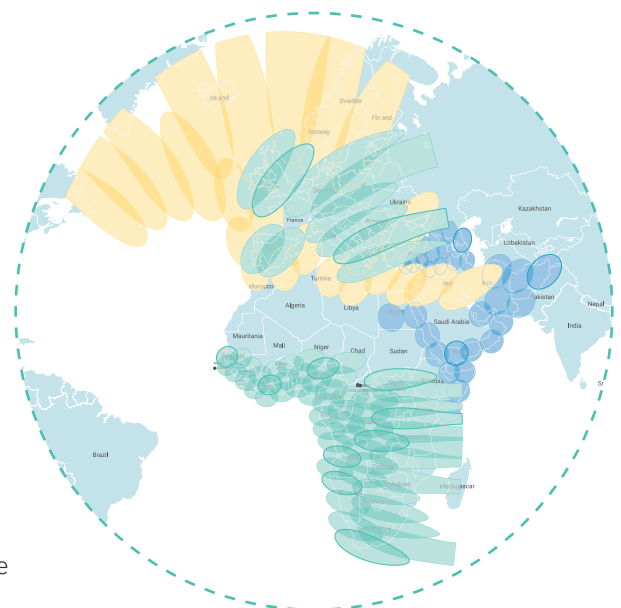
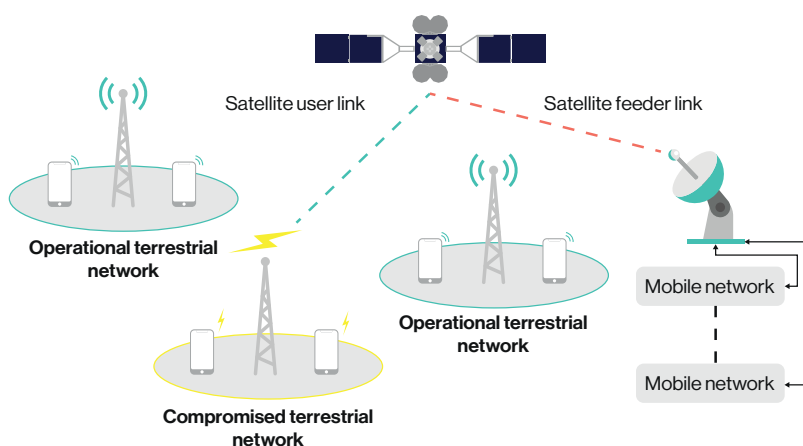
- Maintain national Command and Control to guarantee appropriate and legitimate governance of the whole population
- Organise and coordinate the resistance effort
- Control the narrative - challenge the legitimacy of the invasion, and manage the morale of the population
- Share information to, and from, the population left behind and secure information channels to international audiences and partners

Ukraine experience shows that communications need to be established, embedded, practiced and in-use before an invasion or national disruption occurs. Nations need to:

- Acquire satellite capacity & hardware
- Distribute antenna in advance
- Train the users
- Establish networks, including to international partners
- Prove connectivity and interoperability
- Instill the skills for intelligence capture and dissemination

Avanti's high-throughput GEO satellite-based communications across NATO's Eastern Flank deliver:

- **LTE/4G backhaul.** Resilience to national mobile networks to maintain 4G communications even when terrestrial fibre connections are disrupted or compromised.
- **Critical Infrastructure Connectivity.** Maintaining contact with, and control of, the power grid, water distribution, supply and distribution networks. Supporting M2M remote monitoring/management services as well as direct communications to critical staff.
- **District internet connectivity** and local wifi hotspots - Enabling the flow of information from the legitimate government to its stay-behind population.
- **Ubiquitous connectivity** - Obfuscated means for the population to share information on enemy troop numbers, dispositions, natures of equipment and arms, supply depot locations, patrol patterns and enemy morale.
- **Remote resistance communications** – Optimised to support small form factor, disadvantaged terminals enabling covert/small manpack antenna for intelligence capture and dissemination.
- **Intelligence aggregation and dissemination** to partners and allies and delivering timely targeting directives to conventional or resistance forces



Avanti owns and operates a private fleet of GEO-HTS satellites to directly provide connectivity to nations in Europe for their national resilience. With a network of equipment, partners and integrators, we can support the provision of the widest range of antenna solutions to meet all aspects of national resilience and resistance preparedness.

Avanti Communications can provide capacity and equipment to support planning, training, and full-scale resistance operations capability.

Speak to us today to understand how we can help countries achieve their national resilience requirements

Contact us at: defence@avanti.space