

Sustainable Communications Network

Fail-safe voice and data communications.



In the post 911 world, US Government entities are resolved to build infrastructure that supports the Continuation of Government (COG) and Continuity of Operations (COOP) in the face of disaster. Responding to lessons learned by the terrorist attacks, hundreds of laws and regulations have been written that mandate mechanisms for fail-safe voice and data communications.

In an effort to support the Command and Control needs of COG and COOP plans, RIVA Networks has implemented the **world's first mobile phone network with a satellite backbone**. Responding to the Government's growing needs to function under adverse operational conditions, RIVA has built a secure, private, voice, video and data network, using commercially available cell phones. The SCN's primary function is to give key management personnel (KMP) guaranteed communications under conditions of degraded or denied access to telephone networks and the Internet. The SCN can be used daily to support emergent, time sensitive operational situations.

By providing wireless telecommunications services that interoperate over satellite and connect to the Internet and the Public Switched Telephone Network (PSTN), RIVA Networks has created a sustainable communications solution which functions in the most adverse conditions, when traditional communications networks are not available.



Highlights:

- Support any number of designated "priority" subscribers.
- Enable any number of simultaneous voice calls per site.
- Provide SMS text messaging between priority subscribers.
- Provide SMS text messaging to Public Mobile Networks.
- Provide 3G/LTE data connections for email.
- Provide 3G or LTE data connections to the Internet.
- Interoperate with VoIP PBX systems.
- Connection to the PSTN.

Sustainable Communications Network

Fail-safe voice and data communications.



The SCN creates a secure communications bubble for key management personnel and designated members of COG and COOP teams. There are a variety of options including the personal flyaway case, antennas for ocean vessels and jets as well as traditional satellite dishes for other key locations or private residences.

You can enable voice, SMS and data through the satellite network by the installation of antennas at headquarters, regional, branch or field offices. The SCN can integrate with existing VPN, VoIP and switched PBX infrastructure. The network includes RIVA earth stations to connect to areas where normal services are available.

