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. Persistent Telecom is excited to make this technology available to enterprise Business Continuity and Disaster Recovery planning.

In an effort to support enterprise Business Continuity and Disaster Recovery plans, Persistent Telecom Inc. has implemented the **world's first mobile phone network with a satellite backbone.** Responding to the Enterprise's growing needs to function under adverse operational conditions, PTI 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), Persistent Telecom has created a sustainable communications solution which functions in the most adverse conditions, when traditional communications networks are not available.

Persistent Telecom earth station located in Colorado

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.**

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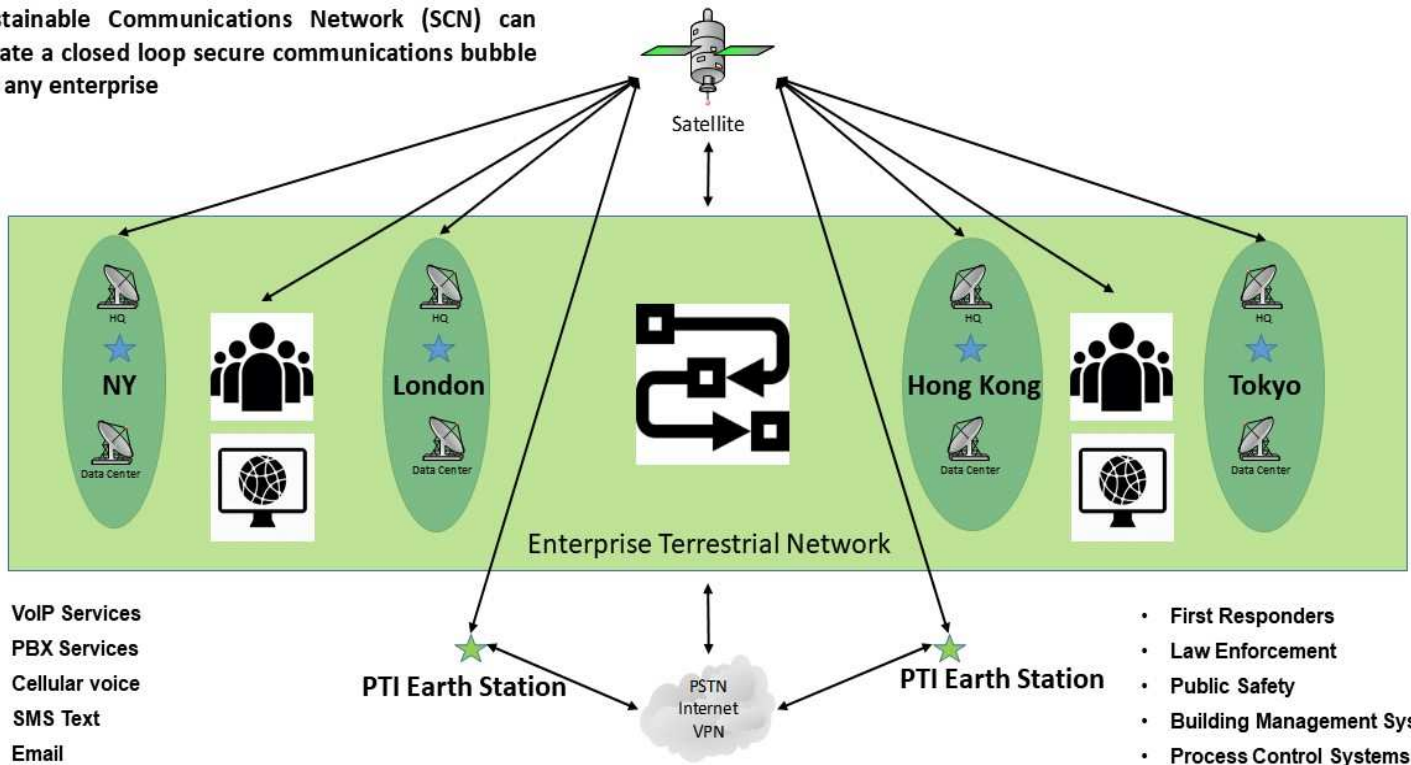
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The SCN creates a secure communications bubble for key management personnel and designated members of BCP, DR and Crisis Response teams. There are a variety of options including the personal flyaway case, antennas for ocean vessels and jets as well 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 PTI earth stations to connect to areas where normal services are available.

Sustainable Communications Network (SCN) can create a closed loop secure communications bubble for any enterprise

Satellite

NY

London

Hong Kong

Tokyo

HQ

Data Center

Enterprise Terrestrial Network

PTI Earth Station

PSTN
Internet
VPN

PTI Earth Station

- VoIP Services
- PBX Services
- Cellular voice
- SMS Text
- Email

- First Responders
- Law Enforcement
- Public Safety
- Building Management Systems
- Process Control Systems