

Special Announcement

Sustainable Communications Networks for Public Utility Infrastructure



What is your plan for when you lose all phone and internet connectivity?

Persistent Telecom Inc (PTI) has created a sustainable communications solution that functions in the most adverse conditions, when traditional communications networks are unavailable. Developed for the Department of Defense, PTI's Sustainable Communications Network (SCN) is now expanding to support mission critical utility infrastructure, business continuity, disaster recovery, law enforcement and public safety applications. SCN sites provide guaranteed, fault tolerant wireless voice and data services in the event of a blackout, natural disaster, cyber-attack or act of terrorism. Persistent Telecom installs and manages private small cell networks that function when the Public Switched Telephone Network (PSTN) and the Internet fail. PTI's small cell networks can interoperate over private satellite connections that are guaranteed to function during periods of degraded operations.

How does PTI's Sustainable Communications Network operate?

Each site consists of indoor small cells to provide coverage and capacity to designated Key Management Personnel (KMP). In emergency situations, PTI's small cell networks' satellite backbone functions independently of commercial network operators. Satellite antennas are installed at each location to backhaul voice, text and data traffic through PTI's redundant earth stations located in Colorado and New Jersey. In order to assure communications during a crisis, each customer location is provisioned with GUARANTEED satellite bandwidth. Persistent Telecom's contracts with satellite providers stipulate that Persistent Telecom's SCN sites have exclusive rights to the satellite transponder. This non pre-emptible service arrangement prevents the satellite carrier from re-tasking any part of the SCN's bandwidth to other customers. SCN installations create a secure communications bubble for KMP and crisis response teams. Single button activation instantly enables on-site KMP's to communicate locally; while the dedicated satellite network allows connection to locations outside the crisis area. PTI integrates easily with existing VPN, VoIP and PBX infrastructure and can be deployed as a fixed in-building/campus solution or as temporary remote site solutions.

Over the last 12 years, PTI has sold hundreds of private mobile phone networks to government and defense customers. Connecting small cells to satellite terminals that interoperate through PTI's earth stations enables GUARANTEED cellular voice, text and data capabilities, anywhere in the world, for a low monthly cost.

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