NGOs Communications Solutions

Whether answering to humanitarian emergencies, relieving a natural disaster, fighting a health crisis and promoting sustainable development in some of the most challenging places on earth, Non-Governmental Organizations (NGOs) rely on communications technologies to bring efficiency in the aid system. These technical solutions further assist in building better relationships with the public, donors and funders, and in supporting marketing campaigns to raise money and awareness as well as facilitate policy advocacy. BringCom proposes NGOs communications solutions to manage emergency operations in an effective manner that are:

➢ Affordable
➢ Reliable
➢ Mobile
➢ Rugged
➢ Field-proven
➢ Commercial-off-the-shelves products (COTS)
➢ Scalable

BringCom's communications platforms by combining satellite, fixed and wireless access technologies can increase coordination between NGOs, UN agencies and with local organizations (NGOs or governments) and support critical applications; from disaster recovery, tele-education, tele-medicine, cloud-based services, social investment or micro-finance, SMS, Voice over IP such as Skype, social networks to standard office web-based applications. At BringCom, our communications solutions create opportunities for solving some of the toughest environmental and social challenges; from global health and humanitarian assistance to ecological conservation. BringCom can provide NGOs with one-stop shop for all communications connectivity and applications needs; from the design, implementation and maintenance of networks.

Satellite-based Connectivity

- Shared Bandwidth TDMA VSAT Services (Teleports in Europe, East Coast USA, Kenya and Djibouti)
    - Internet Access Ku-band Shared Bandwidth Services with 1:1, 1:4 and 1:10 contention ratios
    - iDirect, Newtec and Hughes DVB platforms
- Dedicated Bandwidth SCPC VSAT Services (Comtech and Newtec modems)
- Star and Mesh configuration
- Point-to-point or point-to multipoint connectivity
- Power supply options: portable generator and solar panel technology
- Secured private VPNs
- MPLS end-to-end over satellite links
- 24x7 NOC, managed services with trouble ticket reporting
- QoS with guaranteed SLAs for response time and bandwidth offered
- Field sites backhaul connectivity to the NGO headquarter WAN
- SatCom GSM trailer system: BringCom's Mobile GSM rapid deployment solution for disaster recovery
- Voice over IP and Video training: tele-medicine and tele-education
- Ubiquitous coverage: expand network reach
- Seamless integration with terrestrial networks

Wireline Connectivity

- High speed fiber optic cables managed circuits
- Metro, regional and international connectivity
- Fiber optic cabling used above ground and below
- ground and at sea
- Ethernet services (standardized carrier-grade; CE 2.0 MEF certified)
  - E-Line
  - E-Access (Wholesale Access Services)
- MPLS IP VPN services
  - Dedicated MPLS connectivity to global POPs
- Low latency and guaranteed SLA

Wireless Connectivity

- Fixed broadband Wireless Access
- Last-mile and metro-area access
- Point-to-Point line of sight Microwave for backhaul connectivity
- WiFi, WiMax long and short range networks
- Ideal for connecting remote camp sites to headquarter
- Offers broad communications need
- Supports smartphones mobile agribusiness and micro financing applications
- Cellular (2G/3G/4G)
- 2 ways radio systems
  - High frequency (HF) for regional and local communication, connecting a base camp with refugee camp operations, a field site or satellite locations
  - Very-high frequency (VHF) for short range (10-15 miles) communications; use of small batteries operated walkie-talkies
- Voice and broadband data service

Cost-effective communications solutions that improve quality of life and help eradicate poverty