



corbis



TELENETWORKS



Quick Facts...

- ▶ Founded in 1985 by Tony Cardona and headquartered in San Juan, Puerto Rico.
- ▶ Two offices:
 - ▶ San Juan, Puerto Rico.
 - ▶ Santo Domingo, Dominican Republic.
- ▶ Over 70+ satisfied customers in the region, supporting them with GE Power Equipment, AC Power Over Copper Cable, microwave radio, repeater and DAS turnkey deployments, monopole and auto supported towers, tower LED beacons, transmission test equipment.





TeleNetworks' Offices





Professional Services Portfolio



- ▶ **Wireless: DAS Deployments – Indoor/Outdoor**
- ▶ **Microwave – Backbone & Last Mile**
- ▶ **Remote Powering of Terminal Equipment**
- ▶ **Fiber Optic New Install/Fiber Repair Services**
- ▶ **Towers: Monopoles/Camouflaged Poles**
- ▶ **LED Tower Beacon Replacements**
- ▶ **Shelter/Cabinet Security**



Distributed Antenna Systems (DAS)

► Distributed Antenna Systems

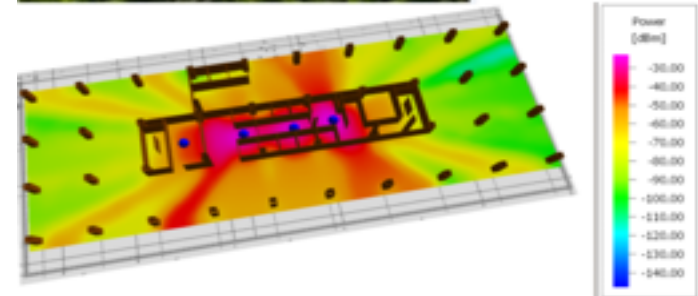
► Cellular Signal Simulation
using IBwave Prediction Tool

► Walking Test Analysis using
Swissqual & Dingli Recording
& Testing Tool

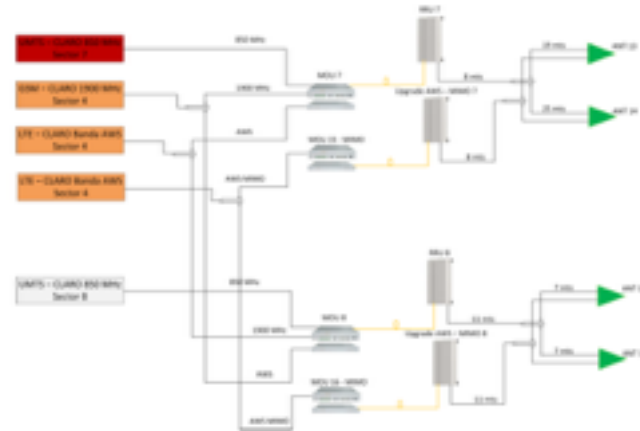
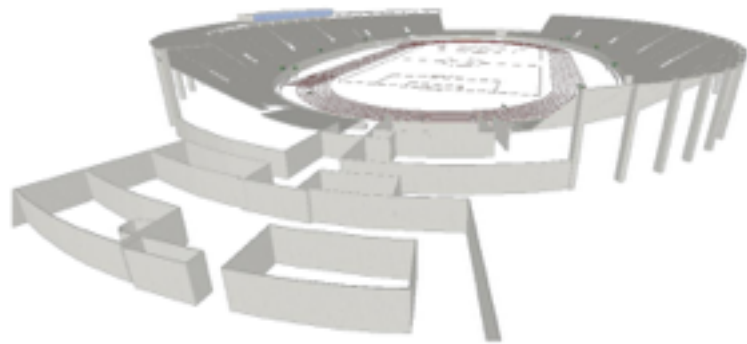
► Design & Engineering

► Installation of Electro-
mechanical, Passive &
Active Components

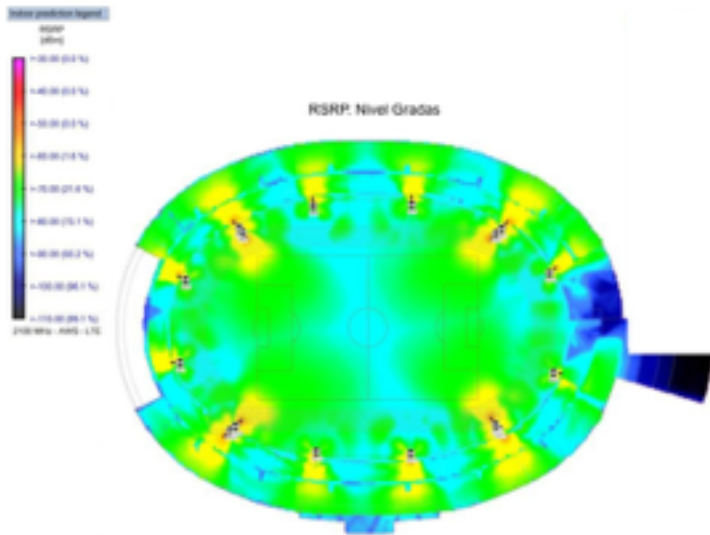
► Provisioning & Turn-Up



DAS Design



▶ Layer-2 Certified, Extensive Use of iBwave industry's leading software, used by nearly 600 clients from 83 countries to automate in-building network design planning activities.

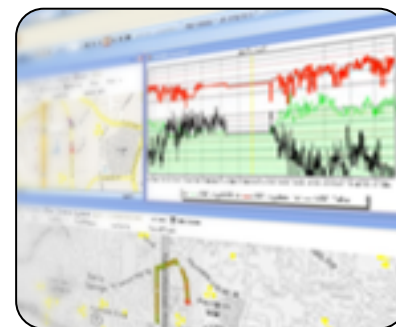
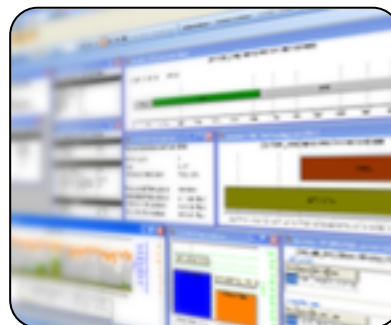




Distributed Antenna Systems (DAS) – Cont.

► Walking / Driving Test Analysis

► Use of Swissqual & Dingli Wireless Measurement and Analysis Systems.





Distributed Antenna Systems (DAS) – Cont.

Sambil Shopping Mall – Santo Domingo

SAMBIL



MICROWAVE RADIO





Microwave Radio Services

- ▶ **Proven track record with over 700 Microwave Radio Installations.**
- ▶ **Certified Distributor of Ceragon & Comba MV Radios.**
 - ▶ **Long Haul Applications over 90Km in Dominican Republic. (Ceragon Deployment)**
 - ▶ **Inter-island –over water- Deployments: Ceiba – Vieques – Culebra (Puerto Rico).**
 - ▶ **Other Inter-Islands Deployments: Bahamas BTC, Telem St. Marteen, UTS Curacao, St. Kitts & Nevis**





Commitment

- ▶ Riggers certified by ComTrain (Train the Trainer) & “Aventuras Tierra Adentro” Rope & Rescue School.





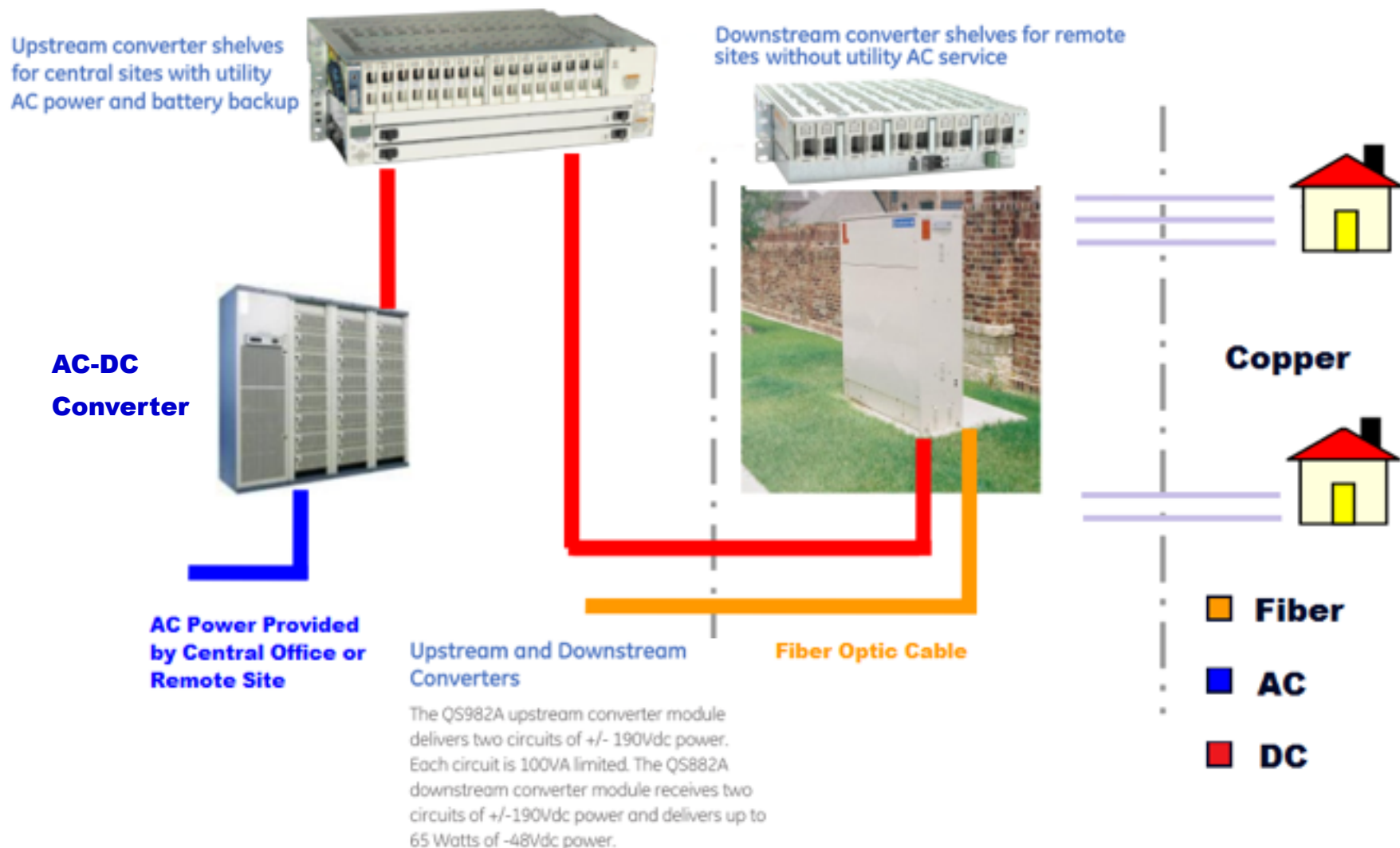
MONOPOLES – CAMOUGLAGED TOWERS

- ▶ **DESIGNED TO MEET TIA/EIA-222G STANDARDS**
- ▶ **HOT DIP GALVANIZED AFTER FABRICATED**
- ▶ **INTERIOR LADDER OR EXTERNAL STEP BOLTS**
- ▶ **POLE SHAFT MATERIAL Q345B**





Remote Power Solution





Fiber Optics: New Installs & Repairs

- ▶ GREEN FIELD FIBER INSTALLATIONS
- ▶ FIBER SPLICING & TERMINATION





Shelter/Cabinet Security

- ▶ Utilizing steel plates and padlocks it gives another layer of security against theft of batteries and other items inside the communications shelter and cabinet





Installation – Alarm System & Sensors

- ▶ Alarm notifications to remotely maintain the site:
 - ▶ Electrical
 - ▶ Temperature
 - ▶ Fire
 - ▶ Diesel Level
 - ▶ Unauthorized entrance





Contacting TeleNetworks

Providing Solutions to Your Requirements



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