



WorldGSM™ Micro Site For Dark Spots, Street and Inbuilding Coverage

Low Capex & Opex | Street Coverage - Filling Dark Spots | Enhanced In-building coverage - Ideal for Multi-storey buildings, campuses and corporates with countrywide/globally spread offices

1. **Quick Deployment - Operational within Hours:** Connects to Centralized BSC via Enterprise LAN/ IP connectivity. Option of backhaul for locations where IP connectivity needs to be extended to optimal site location.
2. **Non-Obtrusive Deployment:** Compact, Lightweight design together with flexible mounting options and coupled with larger coverage footprint, All these enable a neat and clean installation.
3. **3GPP/ETSI Compliant BSC/BTS:** Standards Compliance enables easy integration with existing Core Networks and future feature enhancements. Supports state-of-the-art features like AMR/EGPRS/ Local Switching.
4. **Simplified Remote Management:** Centralized BSC & OMC manages all the BTS and optional power and IP radio backhaul. Adding another BTS requires minimal configuration which can be done remotely. Access to Site requirement is minimal post deployment.
5. **Optimum Coverage Footprint:** 2W RF Power output enables deployment with in-building DAS installations (typically single BTS sufficient to cover 3 floors of 10,000 sq ft area).
6. **Covering Dark Spots:** Due to its compact & lightweight design and flexible installation options, it can be quickly deployed at corner shops/street poles.
7. **Securing Optimum Site Selection:** Options of power and backhaul(Enterprise LAN/IP radio) provide flexibility in securing optimum site selection.
8. **Filling Capacity Holes:** Enables filling capacity holes as per demand.
9. **Macro Network Interworking:** Supports seamless handovers to/from macro network .
10. **Avoids Risk to Health Hazard:** Deploying base stations nearer to traffic generation source enables both basestation and mobile to operate at low power, without any compromise on end user experience.

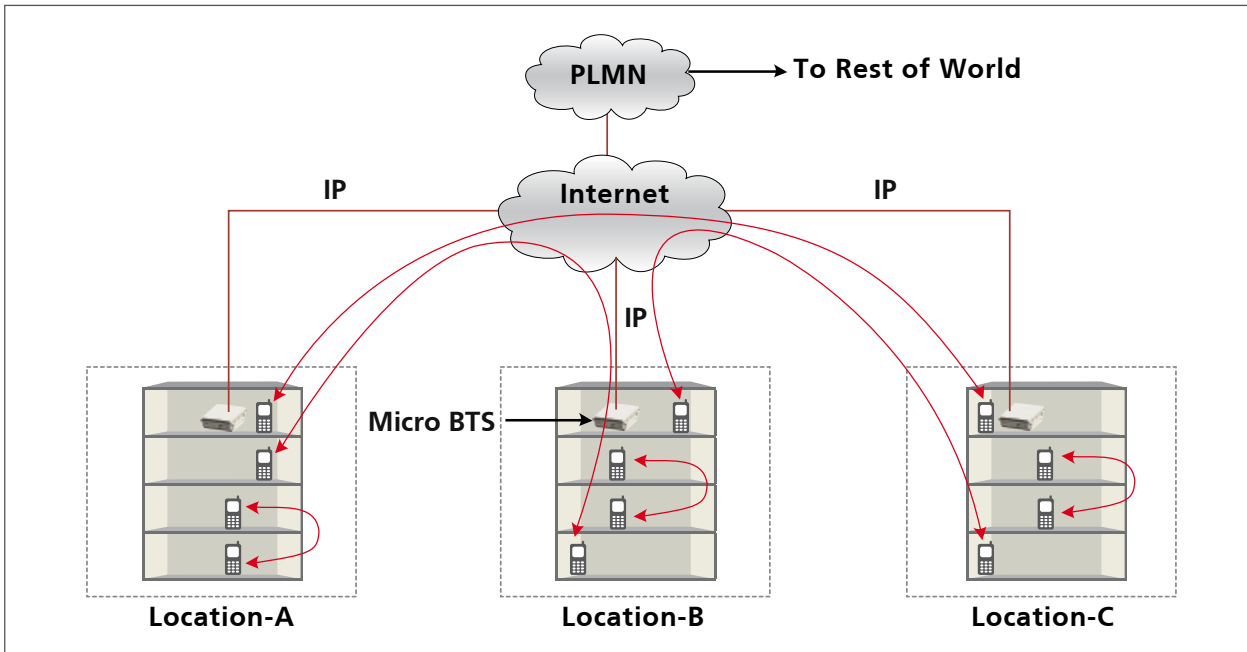


Figure 1: Connected enterprises across different geographical locations (countrywide/global) through internet

TECHNICAL SPECIFICATIONS

FEATURES	
Frequency Bands	GSM 850/900/1800/1900 MHz
BTS RF Power Output	2W
BTS Sensitivity (dBm)	-106
Number of TRX	1/2
Services	Voice, SMS, GPRS, EGPRS
Channel Types	FR/EFR/AMR-FR/AMR-HR
DAS Kit (Optional)	For Single & Multiple Floors
Power System	Enterprise UPS/Battery Bank for erratic grid supply
Transmission Options	Enterprise LAN/IP Radio/VSAT
Mounting Options	Wall/Pole/Mast
Operating Temperature	-30° C to +55 °C
All Modules Cooling and Enclosure	Passive Cooling, IP65 Enclosure

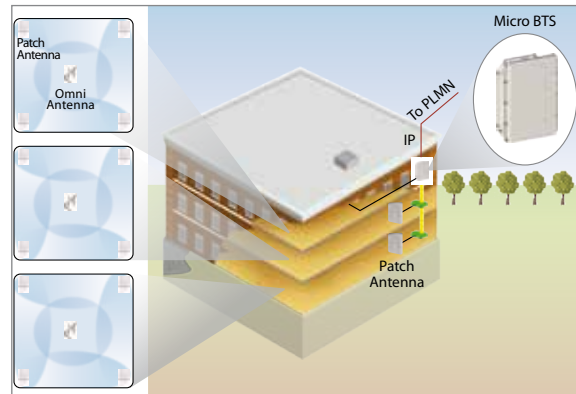


Figure 2: Enhanced In-building coverage - Multiple floors covered using Micro BTS & DAS

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