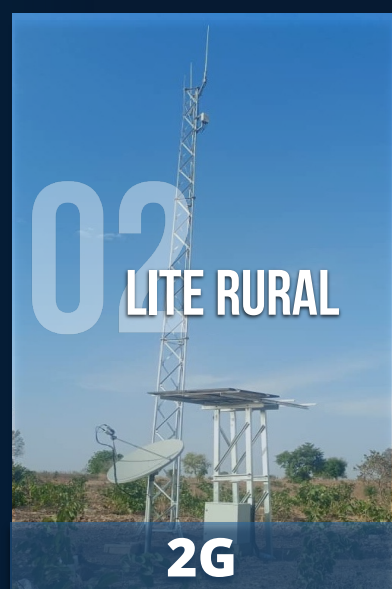


Tower: 10 m, 12m
 BTS OC2G
 1 TRX @ 630 mW
 Antenna: 10 dBi Omni
 Exclusively solar powered
 VSAT Backhaul
 24 hours Average power consumption: 64W
 Coverage radius: Up to 2 km
 Populations covered: Approx. 2500 inhabitants



Tower: 15 m, 20m
 BTS LiteCell
 2 TRX @ 10W
 Antenna: 10 dBi Omni
 Exclusively solar powered
 VSAT Backhaul
 24 hours Average power consumption: 115W
 Coverage radius: Up to 7 km
 Populations covered: Approx. 5000 inhabitants



BRIDGING THE
 DIGITAL DIVIDE
 ONE CONNECTION
 AT A TIME

TOWER CATEGORIES TO SUIT POPULATION DENSITY AND COVERAGE:



Tower: 20 m, 30m
 BTS LiteCell 2Gx2:
 4 TRX, @ 10W
 Antenna: 10 dBi Omni
 Exclusively solar powered
 Terrestrial or VSAT backhaul
 24 hours Average power consumption: 170W
 Coverage radius: Up to 7 km
 Populations covered: Approx. 10000+ inhabitants



Tower: 20 m, 30m
 BTS LiteCell 2G & xG:
 2 TRX, 2 carrier @ 10W
 Antenna: 10 dBi Omni
 Exclusively solar powered
 Terrestrial backhaul
 24 hours Average power consumption: 260W
 Coverage radius: Up to 7 km
 Populations covered: Approx. 10000 + inhabitants

PRODUCTS & SOLUTIONS BROCHURE

UPGRADABILITY:



MORE SITE CATEGORIES ONLINE!

NURANWIRELESS.COM

2150, Cyrille-Duquet, Suite 100, Québec, QC, Canada



NAAS BUSINESS MODEL

Under its Network as a Service contracts with existing global telecommunication operators, NuRAN deploys and maintains the network infrastructure of existing networks needed to connect remote communities in exchange for a share of the revenue.

Existing operators get a proven technical solution to the challenges of connecting remote areas and in return increase in their ROI without the need for additional capital expenditure. NuRAN has an opportunity to deploy and maintain its networks within the parameters of existing operator licences and rural communities have access to the mobile telephony and broadband coverage that they desperately need to connect to other communities and the world.

RESPONSIBILITY MATRIX

DESCRIPTION

MNO

NURAN

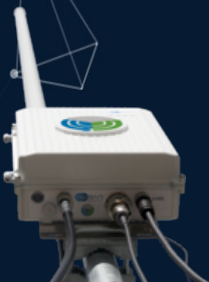
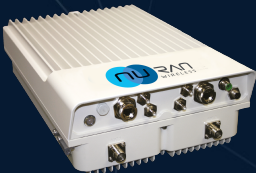
Rural site location planning	✓	✓
Site infrastructure		✓
Power solution		✓
Radio solution		✓
Backhaul transmission solution		✓
Radio networking planning		✓
Radio single site verification		✓
Implementation service		✓
Managed service		✓
Network optimisation service		✓
Ems & oss solution		✓
Integration of EMS & OSS into MNO maps system (optional)	✓	✓

MNOs expand / upgrade their networks to meet coverage obligations and capacity requirements without capital investment

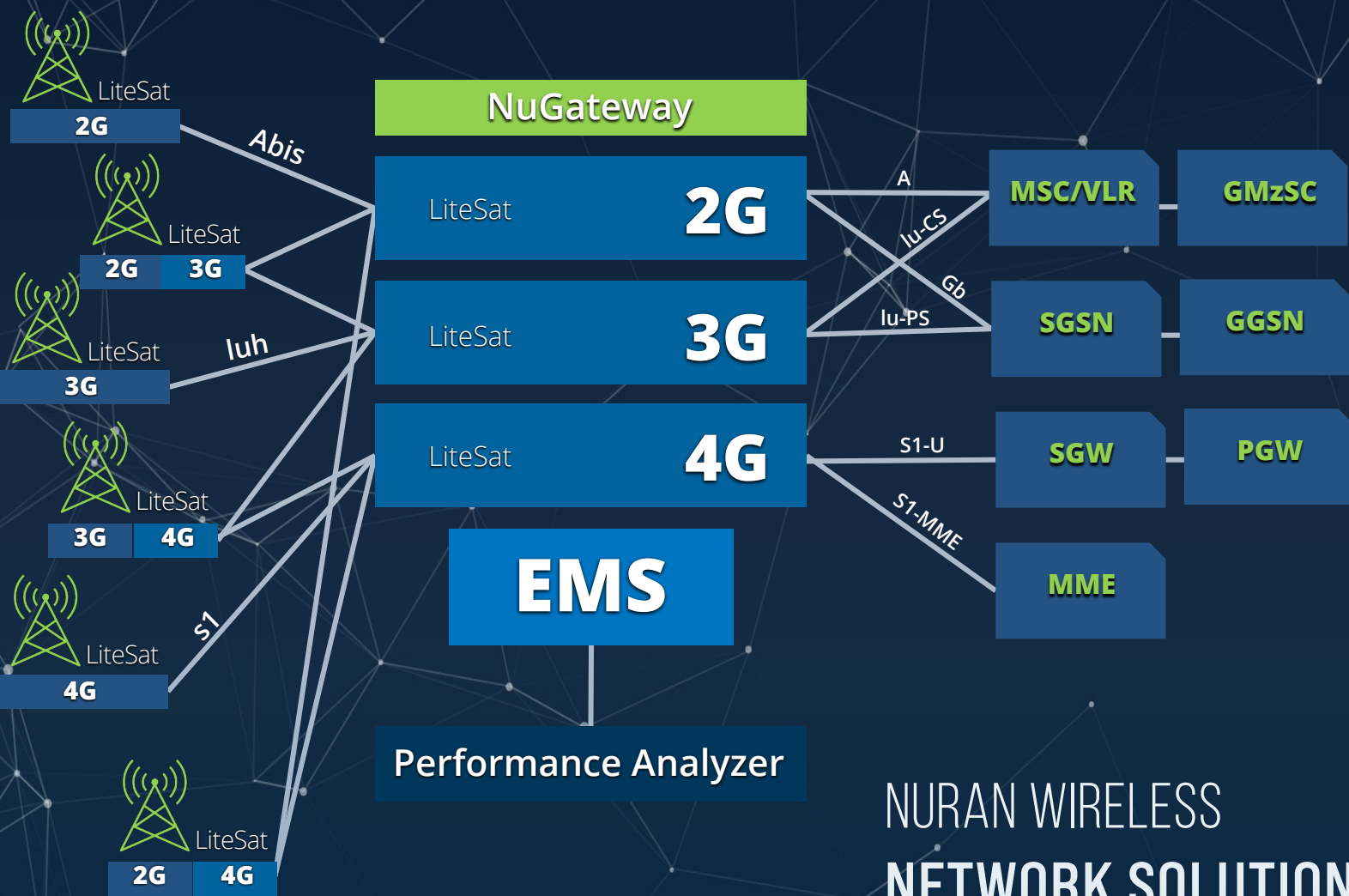
MNOs pay a service fee, either a revenue-share or fixed-open model with guaranteed minimums set to cover in-country operating costs

Contracts span up to 10 years.

NURAN'S OWN TECHNOLOGY



GSM LITECELL 2G Network	OC-2G 2G Network	LITECELL xG 2G, 3G, 4G, Wi-Fi Networks
22km max. range Populations of 1,000 to 20,000 56 Watts Power Consumption	4km max. range Populations of 300 to 2,000 14 Watts Power Consumption	22km max. range Populations of 4,000 to 40,000 150 Watts Power Consumption
Available	Available	Launched



NURAN WIRELESS
NETWORK SOLUTION