

Mobile Operators Offering Enterprise Coverage



Despite having a fixed phone PBX system, executives in most enterprises use mobile phones, even for intra-enterprise communication. This presents a lucrative business opportunity for mobile operators as an enterprise communication network often comprises a large customer base with high ARPUs.

Additionally, industrial outfits like mines, offshore oil fields, nuclear power plants, etc. form a category of customers who are difficult to reach due to their remote location. The demand for a unified communication network in such enterprises is largely unmet by MNOs due to a perceived adverse business case.

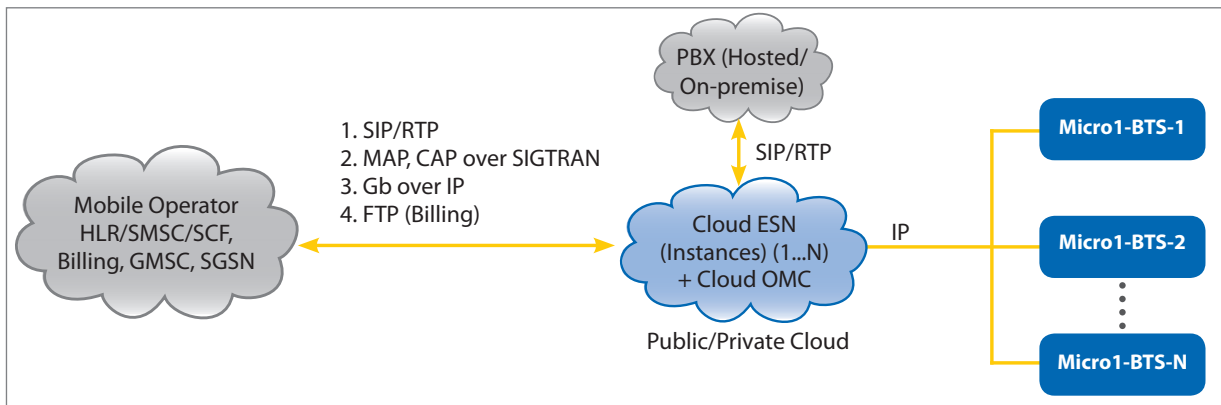
VNL's WorldGSM™ Cloud ESN, which is an all-IP, modular, integrated MSC and BSC hosted on a public or private cloud infrastructure – offers mobile operators flexibility and agility in serving enterprises located in remote & urban locations with minimum entry barriers. Due to the systems' low CAPEX and OPEX requirements, mobile service delivery to enterprises actually becomes a profitable business proposition for mobile operators.

BENEFITS

- *Acquire high ARPU enterprise customers*
- *Reduced TCO - Network capacity offloaded to Cloud hosting*
- *Agility – Configure capacity as per demand*
- *Flexibility – Configure PBX type services as per end user requirements*
- *Reduced Opex*
- *Improved network operations efficiency*

HIGHLIGHTS

- *Cloud hosted ESN & OMC*
- *Easy integration with existing enterprise infrastructure*
- *Low Opex*
- *Fully Standards Compliant*
- *Designed for interoperability*
- *Local switching – guaranteed capacity and coverage*
- *All IP interfaces and viable on satellite backhaul*



Micro1-BTS with Cloud ESN Deployment for Mobile Operators

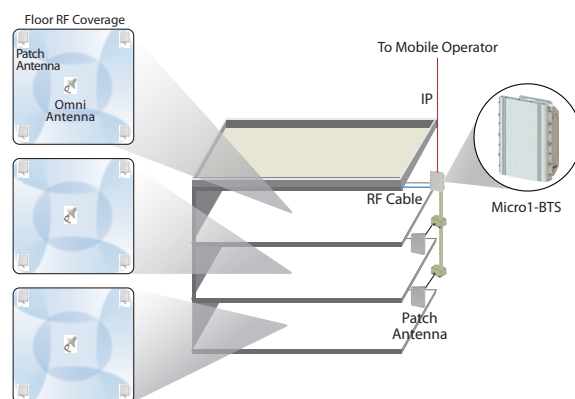
SOLUTION OVERVIEW

WorldGSM™ Cloud-ESN is a cloud hosted, 3GPP compliant, all IP Integrated MSC+BSC, supporting all standard GSM frequency bands, enabling mobile operators to provide mobile services – voice, messaging and data in a flexible and agile manner.

The WorldGSM™ Micro1-BTS is a small capacity, compact, 3GPP compliant, base station available in all standard GSM frequency bands -850/900/1800/1900, that requires very little power and is designed to operate both indoors and outdoors in harsh environments, with no need for a shelter and air conditioning.

The solution enables deployments in enterprises with few indoor patch/omni antennas, preventing costly active DAS solutions. With Cloud accessibility and low backhaul bandwidth requirements, mobile networks can be quickly extended to remote enterprises.

Enterprises requiring higher capacity like corporate parks, can host ESN on their servers in their premises, and have customized services – routing, announcements, PBX integration, etc as per their requirement. Even with backhaul disconnect, local services can still continue. The solution enables easy management and integration with existing enterprise IT infrastructure.



Typical Micro1-BTS Indoor deployment with a few indoor patch, omni antennas and IP backhaul towards Mobile operator

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CORPORATE HEADQUARTERS

Vihaan Networks Limited
 21-B, Sector 18, Udyog Vihar
 Gurgaon 122 015, Haryana, INDIA
 Tel +91 124 265 7600

<http://www.vnl.in>