

**VNL**

Stand 4040.01 Green@ICT Pavilion

VNL

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VNL - zero-opex solar-powered GSM for low ARPU rural areas

At this year's show VNL will be showcasing its award-winning WorldGSM system, the only solar powered GSM system specifically developed to enable mobile operators to profitably reach rural markets where ARPUs are less than \$2 a month.

Finally operators have a way to build sustainable commercially viable networks which provide telephony to low ARPU rural populations.

VNL's WorldGSM overcomes the many barriers to serving rural markets without making any unnecessary compromises. It is a complete end-to-end GSM system and can be integrated with existing GSM networks extending coverage into previously unreachable rural areas.

VNL's WorldGSM won the "Best Technology Foresight" category at last year's World Communications Awards and was runner up in the "Green Network Hardware and Infrastructure" category at the 2009 CTIA Wireless E-Tech Awards.

The WorldGSM differences:- Zero opex - made possible by major reductions in power consumption; allowing for the use of solar power as the single energy source. No diesel generators are required.- Low capex - priced at less than traditional GSM base stations -so that it's profitable even at very low population densities and ARPU levels.- Rural-optimised and easy to transport - compact and rugged; can even be transported on bullock carts.- Self-deploying and near-zero maintenance -can be installed in just 6 hours by 2 unskilled persons and can be maintained by local workers.- Solar powered - needs only 50 - 150 W per base station compared to the 3000 W required for traditional GSM. Each site can be powered by a 2-8 m² solar panel, rather than the 200 m² panel required to power a traditional GSM base station.

WorldGSM also opens up a new microtelecom business model where operators partner with local entrepreneurs to accelerate deployment and reduce costs still further.Come and visit us in the Green Pavilion in Hall 4 to see WorldGSM for yourself and hear about how operators are using it to connect the unconnected.www.vnl.in

Web Spiders

Stand 5261.21 India Pavilion

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