

If you would like more information about any of the articles in this newsletter, please either contact the relevant person whose details are at the end of each article, or call me on + 49 8153 8867 88. **Axel Jahn**

Remote communities, particularly in developing countries, often don't have mobile phone coverage. Remote sites, such as drilling stations or mines, have typically used traditional – and expensive – satellite communications. And when disasters strike, even the most sophisticated local infrastructures can be knocked out. This newsletter is focused on the provision of GSM and 3G communications networks in areas where communications are otherwise impossible.

Remote GSM - Creating the solution

We have designed an integrated turnkey solution to enable telecoms network operators to deploy GSM and 3G communications networks in areas of the world where communications are otherwise impossible. It is cost-effective, reliable, scalable, and above all, very simple to deploy.

There are three main elements to it:

- 1) TriaGnoSys software, for backhaul and remote management software
- 2) ip.access picocells and femtocells
- 3) Quartus Softcore for remote switching



The solution uses a high power amplifier to extend coverage to several kilometres. There is also a range of antenna options, depending on range, capacity and coverage requirements.

The solution uses both satellite and landline connections for backhauling. TriaGnoSys' leading compression and optimisation technology ensures the costs are kept to market rates. Remote switching also helps keep prices down by reducing the costs of local calls.

For more information, contact Axel Jahn on axel.jahn@triagnosys.com.

The first deployments

TriaGnoSys has formed a strategic partnership with Aroso & De Laurentis to provide Brazilian telecoms operators and mobile virtual network operators with TriaGnoSys' turnkey solution to provide GSM services to remote communities in Brazil.



There are plenty of places in rural Brazil where telecommunications infrastructures are either non-existent or very expensive. Examples include remote villages, mining oil and gas operations, and environmental protection programmes. We are providing a realistic, cost-effective solution to fill the gaps: the equipment involved, which meets Brazilian certification standards, is straightforward to deploy and the costs to operators, and therefore their customers, are in line with standard market pricing.



As well as supplying the equipment, Aroso & De Laurentis also supplies on-going support and maintenance.

For more information, contact Axel Jahn on axel.jahn@triagnosys.com.

In other news...

WAEA/APEX – Once again, we will be exhibiting at the WAEA/APEX Annual Conference and Exhibition in Long Beach, California from 12-16 September. Come to see us on Stand 2445



ASMS – TriaGnoSys is a Silver Patron of the 5th Advanced Satellite Multimedia Systems Conference, this year being held in Cagliari from 13-15 September



Crystal Cabin Award – We narrowly lost out on a Crystal Cabin Award in Hamburg in May. Our VoCeM compression and optimisation software was in the last three in the Entertainment and Communication category.



