

CERTIFICATION FOR COST EFFECTIVE TELECOMS FOR REMOTE AREAS IN BRAZIL

Rio de Janeiro, 09. December 2010 – [GSMConneX](#) has been granted a Certificate of Homologation by Anatel, the Brazilian telecoms regulator, it was announced today. This means Brazilian telecoms operators and mobile virtual network operators now have access to the next generation turnkey solution to provide GSM services to remote communities in Brazil.

GSMConneX, designed by [TriaGnoSys](#) and distributed by [Aroso & De Laurentis](#), uses both satellite and landline connections to provide a complete GSM service, including voice, data (EDGE) and SMS. It is also upgradeable to 3G and 4G. An ip.access nanoBTS is at the centre of the solution, with different antenna and amplifier options available, depending on distance and power requirements.

The GSMConneX hardware, which comes in a compact sealed housing, is quick and simple to deploy. The software uses highly efficient compression and optimisation techniques to minimise costs and is easily scalable should demand increase. The use of remote switching further reduces costs, particularly for calls within the local area.

Roberto Aroso Cardoso, President of Aroso & De Laurentis, said, “Modern communications have a significant positive impact on economic growth. GSMConneX is designed for the cost-effective deployment of GSM mobile communications in low density populated areas, which may also be remotely located and poorly served by terrestrial means of interconnection. It is also designed to keep costs low, which of course is very important.”

Aroso continued, “The granting of certification is timely, [Anatel has recently voted to allow MVNO services to be offered in Brazil for the first time](#). GSMConneX is the ideal solution to allow MVNOs to offer services in remote areas.”

GSMConneX also provides a dedicated channel for government use, in particular for emergency service use. A conference facility built into the system architecture allows a constantly open channel within the local area, replicating a radio system. It is both

highly secure and, because of the local switching facility, cost effective. In addition, specific devices can be prioritised, ensuring the network is never busy for the most important traffic.

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About GSMConneX

GSMConneX is a next generation turnkey solution that allows telecoms service operators and mobile virtual network operators to provide remote communities and sites with a complete GSM service, including voice, data (EDGE) and SMS. It is also upgradeable to 3G and 4G.

The solution is fully compatible with Brazilian certification requirements and uses both landline and satellite connections to provide the service.

The hardware comes in a compact and sealed housing, making it simple and quick to deploy. A number of antenna options are available, depending on range, capacity and coverage requirements. The solution also uses a High Power Amplifier to extend coverage to several kilometres.

The software uses highly efficient compression and optimisation techniques to minimise costs and is easily scalable should demand increase. Local call costs are also kept down with the use of remote switching.

For more information, go to www.gsmconnex.com.br

About TriaGnoSys

TriaGnoSys is the expert in mobile communication, information and media, enabling communications and information transfer to and from air, land and sea.

TriaGnoSys solutions employ satellite, air to ground and other radio links, to connect communication networks through its cutting-edge mobility routers.

Our innovative products for GSM, UMTS, VoIP and compression deliver low-cost and efficient data communication. We also deliver tailored industry solutions through strategic partnerships with OEMs, system integrators and service providers.

TriaGnoSys Research and Development focuses on a broad range of mobile communication fields, including mobile end-to-end solutions, wireless In-flight Entertainment (IFE), next generation satcom and cabin/cockpit communication, as well as combined navigation and communications technologies.

For more information, go to www.triagnosys.com

About Aroso & De Laurentis

Aroso & De Laurentis is a new Brazilian telecom company that looks for solutions that could be used in services to always attend the aspects of best technologies, until it reaches the true State of Art, adding the quality aspects, cost effective, useful and maximum coverage, flexibility and adaptability related to future vision, to face the dynamic market conditions of its customers, forced by the constant update of the Digital Convergence.

Such solutions are fruits from a large experience accumulated by a selected expert team with complementary expertise, having more than 40 years of working time, implementing validated technical innovations, everything according to the customers' wishes and satisfaction.

Certainly it has conditions to introduce to its clients solutions:

- 1- With highest innovation
- 2- Highly creative and with ultimate added value
- 3- 100% legal, without any risk to its business activities
- 4- Approved for all government entities like Federal, State and Municipal Government, Air Force, CREA, ANATEL and other if necessary
- 5- Advanced in terms of technology and cost effective to face the current demands