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Partnerships

RNP maintains agreements with state IT companies, private telecommunications operators and also with **Telebras**, a publicly-held company connected to the **Ministry of Communications**, that shares network infrastructure within the scope of the National Broadband Program (PNBL).

These partnerships are part of an initiative named **Veredas Novas**, which is intended to connect all campuses of universities and education and research institutes from the Brazilian countryside to high-speed service. It achieves over 600 campuses of organizations that, through optic fiber or radio link connections, must be able to exchange traffic with a speed of 100 Mb/s to 1 Gb/s, allowing the development of collaborative research and distance learning, in addition to the transfer of a large volume of data.

Internationally, it was one of the 12 founders of **Latin American Cooperation of Advanced Networks (RedCLARA)**. Created in 2003, RedCLARA interconnects the Latin American academic networks, providing a link between Brazil and Europe, whose capacity increased from 622 Mb/s in 2004 to 5 Gb/s in 2014.

From 2009 to 2013, it was also responsible for the management of project **Mercosul Digital**, which decreased the technological asymmetries among the countries in the block, implementing an infrastructure to provides electronic commerce and virtual education.

Outside Latin America, RNP has partnerships with similar networks in several parts of the world, such as North American networks **Internet2** and **ESnet**, Canadian **Canarie**, Europeans **Géant** and **Terena**, besides the academic networks associations **Apan**, in the Asia Pacific region, and **UbuntuNet Alliance**, in the South and East of Africa.

Since 2012, the organization has been a part of the Global CEO Forum, which bring together the managers of the main academic networks in the world. Since 2001, it became involved in the following projects, providing international connectivity for academic collaboration between Brazil and the United States, with the **Ciara** group, from Florida International University (FIU), in Miami: **Ampath** (America's Path) from 2001 to 2004, WHREN-LILA (Western Hemisphere Research and Education Network – Links Interconnecting Latin America), from 2005 to 2009; and **AmLight** (Americas Lightpaths), from 2010 to 2014. The AM PATH project provided two 45 Mb/s links between the two countries. AmLight, for its turn, has provided, since 2013, four 10 Gb/s links.

Through the best performance of highly demanding applications, RNP started to collaborate with the global community of advanced networks, **Global Lambda Integrated Facility (Glif)**, which allows international partnerships involving large flows of information, such as scientific data or ultra-high resolution video images. It is also a member of **CineGrid**, an international nonprofit association of companies, universities and academic networks that promotes technological development of digital cinema and the distribution of latest generation audiovisual content.

RNP also uses its network to allow experimental research on network technologies, performed by partners of the academic community. From 2011 to 2014, the **Future Internet Experimentation Between Brazil and Europe (Fibre)** project join RNP and 15 other partners in Brazil, Europe and Australia to set up a shared environment of experimentation in Internet technologies and architectures for the future.

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