



SAAC 2024

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RedCLARA

# About RedCLARA



# Our members are our wealth

With more than 20 years of history, RedCLARA is the result of cooperation between Latin American countries for the creation of a high-capacity network dedicated to research and education.

<b>BRASIL</b> 	<b>COLOMBIA</b> 	<b>COSTA RICA</b> 	<b>CHILE</b> 
<b>ECUADOR</b> 	<b>GUATEMALA</b> 	<b>MÉXICO</b> 	<b>URUGUAY</b> 

# Conectivity



# High speed connectivity

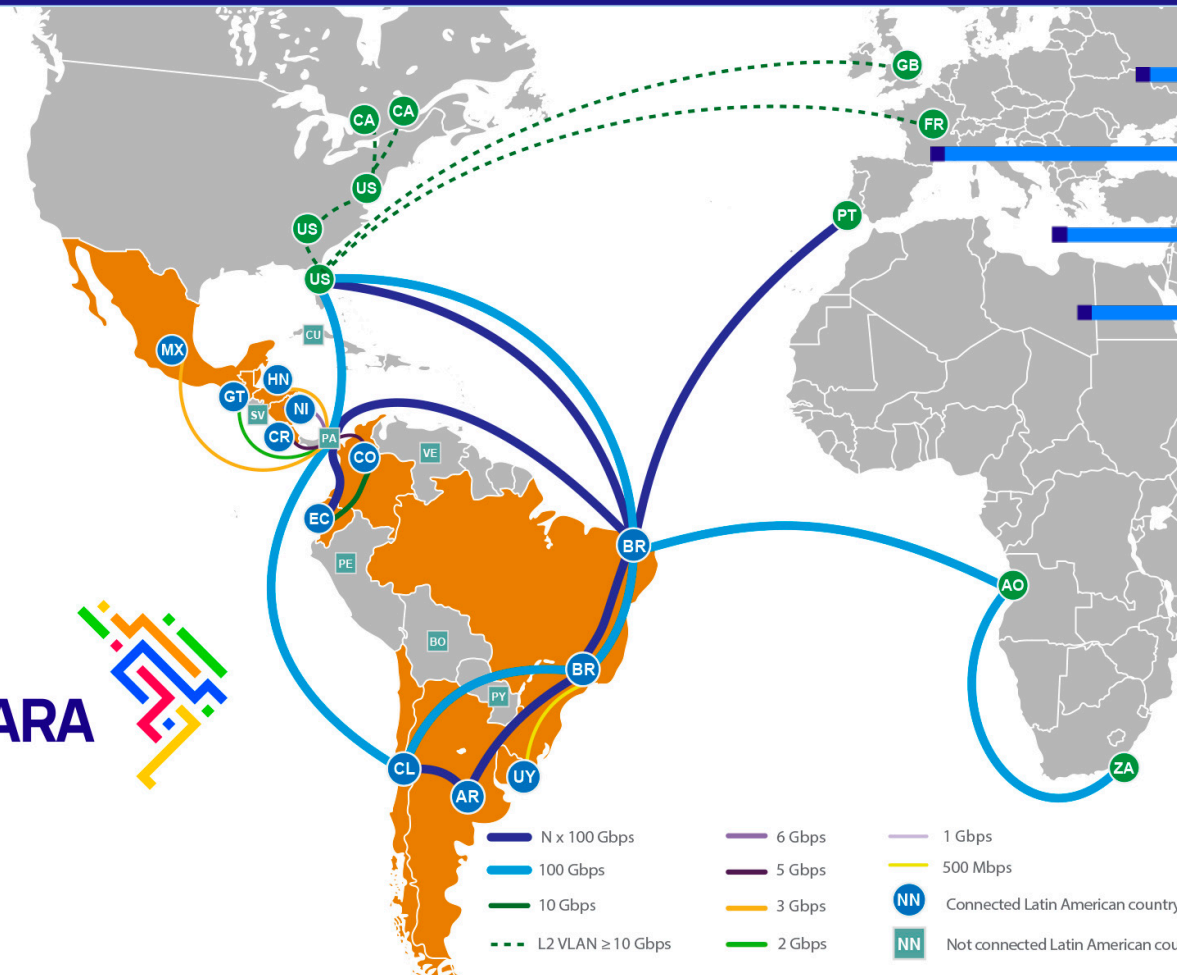


## Area

RedCLARA – 13.008.714 Km<sup>2</sup>  
United States – 9.833.520 Km<sup>2</sup>  
European U – 4.233.255 Km<sup>2</sup>

## Population

RedCLARA – 464.174,576  
United States – 341.814,420  
European U – 448.000,000



## Ciena Waveserver AI

- 1 RU
- Up to 2.4 Tbps
- 3 shelves



## ASR9904

- 6 RU
- Up to 16 Tbps
- 2 Line Cards, 2 RSPs



# Santiago – Buenos Aires



Spectrum service : 6 x 50 Ghz (with one already lighted)  
Capacity service : 1 x 100 Gbps South  
Time of contract : 20 years  
Distance : 1.835 KM





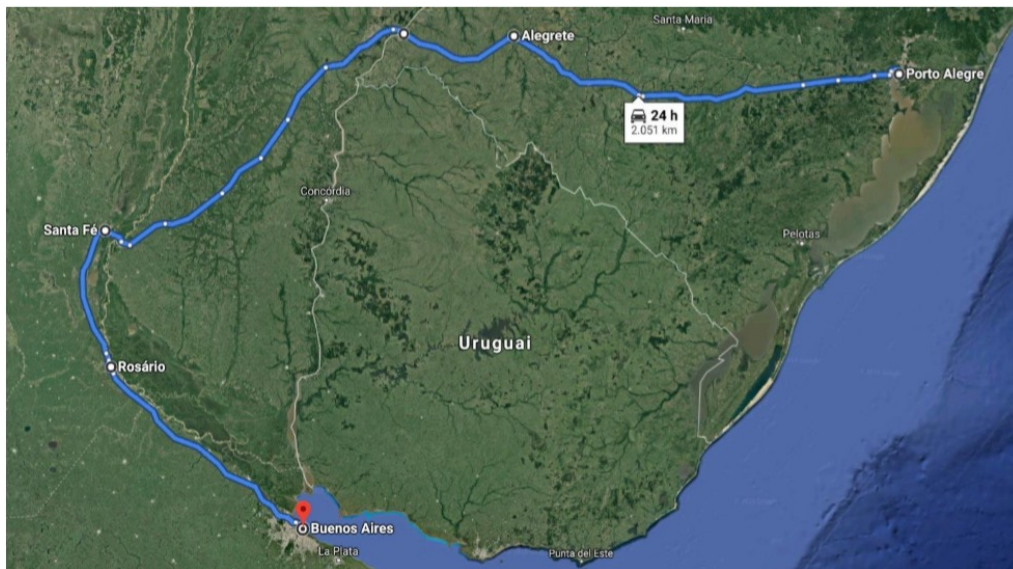
# Buenos Aires – Porto Alegre



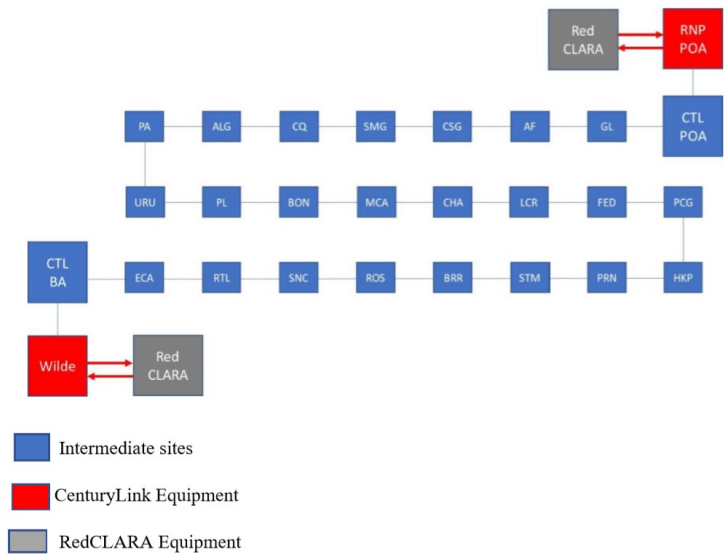
Spectrum service : 6 x 50 Ghz (with 6 already lighted)

Time of contract : 12 years

Distance : 1.800 KM



cirion





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# Projects



## BELLA II

Building the Europe Link to  
Latin America and the Caribbean

### Objective:

Strengthen and expand the Latin American and Caribbean digital ecosystem, facilitator of relationships and exchanges between companies, research centers, educational institutions and Latin American and European academic networks to contribute to the achievement of the region's strategic goals, focused on strengthening education, science, technology, and innovation.



BELLA es cofinanciado por la Unión Europea a través del Instrumento de Vecindad, Desarrollo y Cooperación Internacional (NDICI), bajo el acuerdo número 438-964 con DG-INTPA, firmado en diciembre de 2022. El período de implementación de BELLA II es de 48 meses.

## Strategic areas

- Innovation in shared infrastructure,
- Synergies between the infrastructure of interested parties,
- Human-centered connectivity and,
- Meaningful connectivity.



We seek to create investment consortia that can promote the joint work of the government, educational, financial, business and social sectors in the process of building a digital ecosystem. These will be organized and function around connectivity objectives and provision of value-added services, to directly contribute to closing digital gaps in connectivity and in areas such as HPC, blockchain, cybersecurity, AI, IoT, among others.

RedCLARA will contribute to the financing of these consortia, initially through contributions from BELLA II.

Most consortia will be oriented towards connectivity since the majority of the budget and project seeks to achieve that objective.

## Consortium



### Phases for establishing a consortium:



**Dialogue:** Allows the identification of areas of common interest, opportunities, risks and compatibility between the potential partners of each consortium.



**Consortium design:** Requires defining the participants, determining the value they contribute, identifying a possible business model, seeking financing, establishing the governance model, signing the consortium contract, making contributions, seeking other sources of financing, among others.



**Consortium in operation:** Produces more value than each of the members acting separately, is a source of innovation, provides a sense of agency to the notion of a digital ecosystem, allows sustainable development, generates social benefit and shares value. among all interested agents.

# New Networks



## Part of RedCLARA

BRAZIL  
CHILE  
URUGUAI  
ECUADOR  
**COSTA RICA**  
COLOMBIA  
MEXICO  
**GUATEMALA**

## Objective:

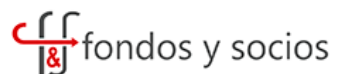
ARGENTINA  
**EL SALVADOR**  
**PERU**  
PARAGUAY  
**PANAMÁ**  
BOLIVIA  
VENEZUELA  
**NICARAGUA**  
**HONDURAS**

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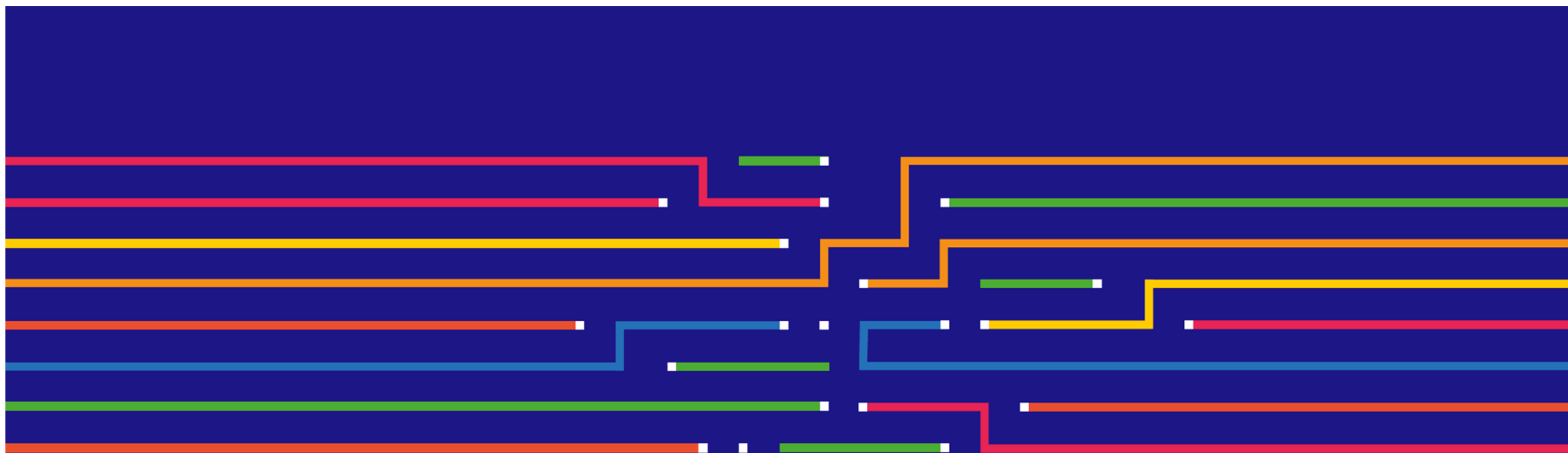
**Services**



## Servicios RedCLARA



[redclara.net](http://redclara.net)



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