

# Presentation of .PR

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Puerto Rico Top Level Domain

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Registry System Showcase  
ICANN Meeting in  
São Paulo, Brazil  
2 – 8 December 2006



## About Us:

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- (1986) The Gauss Research Laboratory was established in the University of Puerto Rico, Rio Piedras Campus.
- (1988) Dr. Oscar Moreno submitted a proposal “Support for the Participation of the University of Puerto Rico in the NSFNET” to the NSF Agency.
- (1989) The .pr domain was assigned to the Gauss Laboratory to be directed by Dr. Oscar Moreno.
- (2000) In November 2000 the first version of the interface to automate the registry was launched.
- (2003) E-commerce was established, creating one of the first e-commerce portals
- (2004) An E-commerce site was created for the Alumni of the Rio Piedras Campus of the University of Puerto Rico in order to enable donations to the institution.
- (2005) A secondary server was installed in Germany and another secondary was installed using Anycast Technology.

# About Us:

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- (2005) Begin to offer .pr second level domains.
- (2006) IPv6 protocol is implemented in .pr servers.
- (2006) Approval of ARIN meeting to be held in PR in 2007
- (2006) Root (.pr) domain name registry for non-generic domain names is made available to the general public
- (2006) Establish an alliance with the “Escuela de Derecho” (Prof. Hiram Meléndez) and the “Escuela Graduada de Administración Publica” (Prof. Ángel Medina Villalba)
- (2006) DNS-SEC technologies implemented in .pr zones
- (2006) Establish an alliance with the “Compañía de Comercio y Exportación del Gobierno de PR”.
- (2006) Beginning of an alliance with the “Cámara de Comercio de Puerto Rico”.
- (2006) Approval of ICANN meeting in PR in 2007

# Lessons Learned for the Case of Puerto Rico

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- It is imperative to establish collaborations with international world class institution in and out of our region (ICANN, ARIN, Denic, LACTLD, Gauss Research Lab, UPR, Government of Puerto Rico)
- Draw upon research and development institutions in order to build a solid technical infrastructure

# Web Application

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- <http://www.nic.pr>
  - Interface
    - Intuitive Domain Name Manager Tool
      - Features:
        - Online access via username and password; 24/7 service
        - Registration/Renewal Module
        - Full management of Administrative Information
        - Complete DNS Management Module
        - Online Secure Payment Method
        - Online Tutorial Module

# Puerto Rico TLD Philosophy and Management Methods

- The TLD is managed as a non profit corporation
  - The Resource Center for Science and Engineering provides the finance, purchase and human resources management that the TLD needs to operate.
- The Puerto Rico TLD Philosophy is simple; To promote and develop the Internet in Puerto Rico. In order to achieve this we reinvest all our earnings back into the growth of the Internet in Puerto Rico.

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# .pr projects

- Cyber communities
- Partnership UPR Rio Piedras
  - <http://uprrp.exalumnos.pr>
- Partnership with the Company of Commerce and Exports of Puerto Rico
- Partnership with El Nuevo Día
- Partnerships with other business and the Government
- Internet Exchange of Puerto Rico
  - <http://www.ix.pr>
- Meetings
  - ARIN
  - ICANN

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# International Meetings

- We are organizing international meeting in Puerto Rico such as
  - 2007 American Registry for Internet Numbers XIX Meeting
    - We have been honored as host of the ARIN XIX meeting for April 2007.
    - <http://www.arin.net>
  - 2007 Internet Corporation for Assigned Names and Numbers Meeting
    - We have been honored as host of the ICANN meeting for June 2007 with the support of ccNSO, LACTLD, Peru, Mexico, Chile and Uruguay.
    - <http://www.icann.org>



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# Workshops

- In order to have a good representation on the above meeting we have been periodically hosting local workshops for the universities, government and local companies.
  - <http://workshops.nic.pr>

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# Alliance with the Company of Commerce and Exports of Puerto Rico

- The .pr TLD and the Company of Commerce and Exports have created an alliance to create a e-commerce platform for small and medium businesses of Puerto Rico.
- The alliance will help us on the marketing. Because we will be using the marketing power of Company of Commerce and Exports of Puerto Rico.



HOME

WHAT'S NEW?

SPECIALS

REVIEWS

LOGIN

CATALOG

Categories

nuevo ->

View All Products ->

All Products sorted  
by Categories ->

All Products sorted  
by Manufacturers ->

Reviews

There are currently  
no product reviews

Quick Find

Use keywords to find  
the product you are  
looking for.  
Advanced Search

Latest  
products

Intel D  
\$450.00

Affiliate  
Info

Affiliate Information  
Affiliate Log In

Links

2nd Category

Who's  
Online

There currently  
are 2 guests and  
1 member online.

## What's New Here?

Welcome **Guest!** Would you like to [log yourself in?](#) Or would you prefer to [create an account?](#)

What's New Here?

text and html here



text and html here

text and html here

Shopping Cart

0 items

Your Account

Your Email Address

Your Password

Sign In

Best Sellers

01. Zapatos

Languages



Currencies

US Dollar

Information

Terms and Conditions  
Shipping and returns  
Privacy  
New Item Step 1  
Gift Voucher FAQ  
Links  
Contact Us

Donate

Donate By  
**PayPal**

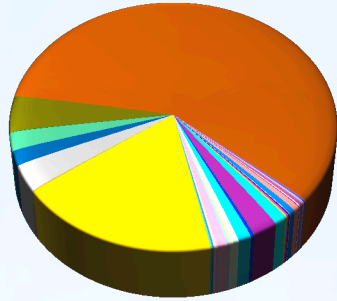
Cards We  
Accept

Payments by  
**PayPal**



Advance  
Search

Use keywords to find  
the product you are  
looking for.



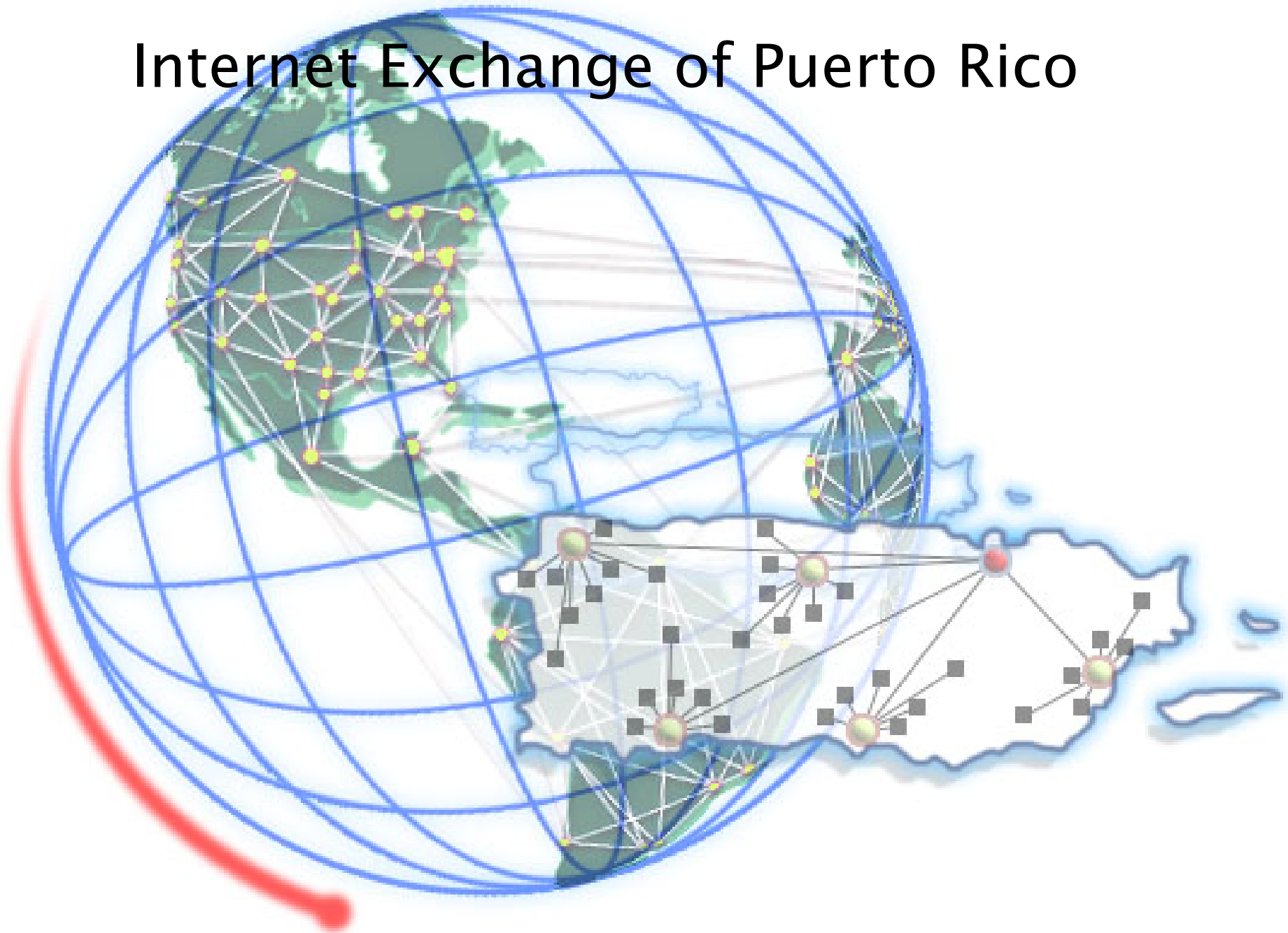
● Argentina	● Australia	● Aruba	● Belgium	● Brazil	● Canada
● Chile	● Colombia	● Czech Republic	● Denmark	● Finland	● France
● Germany	● Hong Kong	● Israel	● Italy	● Japan	● Liberia
● Liechtenstein	● Luxembourg	● Mexico	● Netherlands	● New Zealand	● Norway
● Panama	● Perú	● Portugal	● Puerto Rico	● Serbia and Montenegro	● Singapore
● South Africa	● Spain	● Sweden	● Switzerland	● Taiwan	● United Kingdom
● United States	● Uruguay	● Venezuela			

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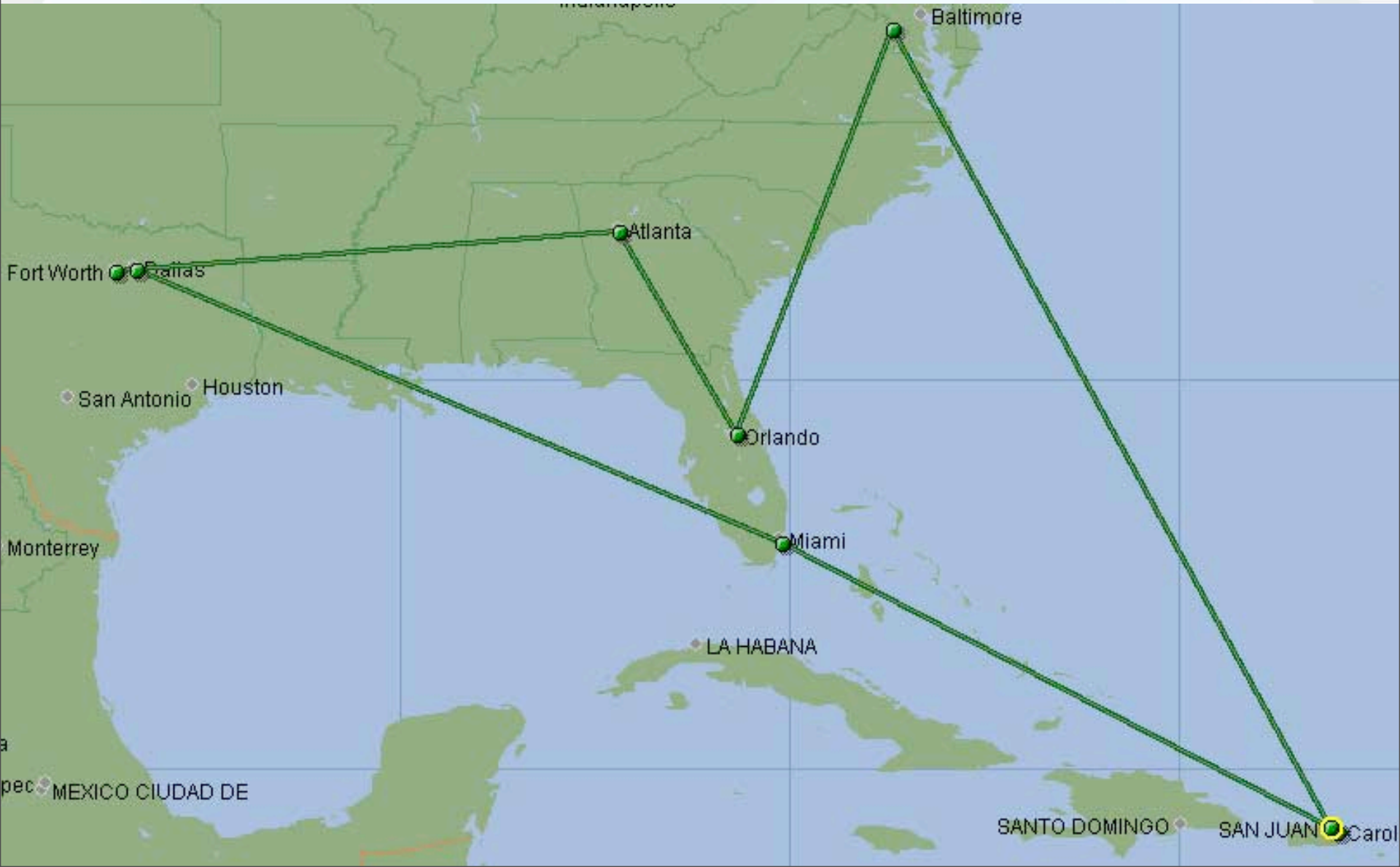
# Evaluation of our Services

- Our clients are very satisfied with us. For example one of main reseller clients in:
  - 2003
    - Rated us top 10% percent of the best TLD's on the world.
  - 2005
    - The same client rated us top 1% percent of the best TLD's on the world.

# Internet Exchange of Puerto Rico



# An ISP to gobierno.pr



# Two Large ISP in Puerto Rico.





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# What is IX.PR?

- Half of the available bandwidth in Puerto Rico is wasted. Internet traffic with origin and destination in Puerto Rico usually goes to the United States and then comes back. This reduces the bandwidth capacity in almost 50%. The Purpose of the internet Exchange point is to double the currently available bandwidth, bringing together government agencies, universities, business, and Internet Service Providers who have a high use of the Internet

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# Benefits of IX.PR

- Entities with connection to the United States will increase their capacity in almost 50%
  - UPR (Central Administration)
- It will foment the growth of the internet on Puerto Rico by increasing it's capacity.
  - Citibank