



# The Los Nettos Regional Network

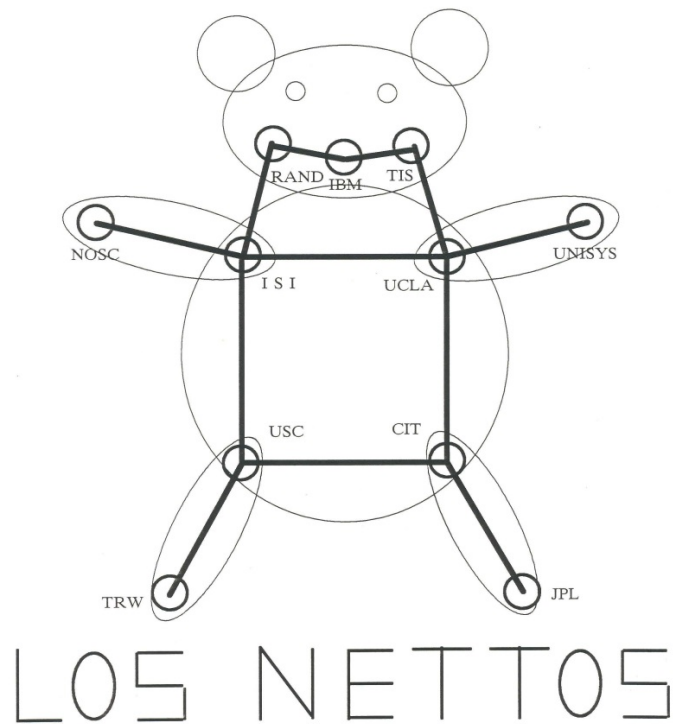
Welcome to Los Angeles



Los Angeles, California

*May 20, 2014*

# Creating Los Nettos



- In summer of 1988, ISI spearheaded the creation of the first regional network in Los Angeles -- Los Nettos: Founders were ISI, USC, Caltech, UCLA, JPL, TRW, RAND, IBM, NOSC and UNISYS.
- The original network map looked a bit like a “teddy bear”, as seen in an early network diagram.

# Our beginnings

- Originally headquartered at Information Sciences Institute in beautiful Marina del Rey, California.
- “Los Nettos network created with no federal funding, instead supported by regional members (founding: Caltech, TIS, UCLA, USC, ISI)” -- Hobbes Internet Timeline for 1988

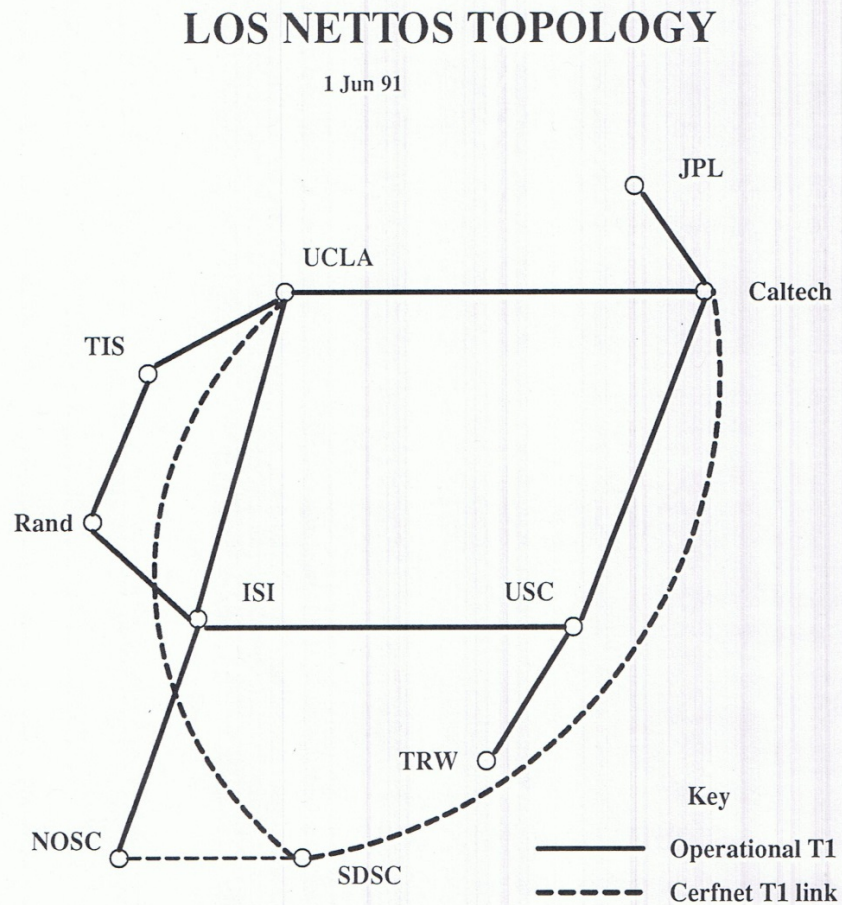


- Founders include
  - Danny Cohen and Jon Postel, ISI
  - Steve Crocker, TIS
  - Richard Kaplan and George Bekey, USC
  - Leonard Kleinrock, UCLA
  - Chuck Seitz and Paul Messina, Caltech
  - Ron Broesma, NOSC
  - Don Gallop, JPL
  - Jon Hertzog, RAND

# Los Nettos

- What made Los Nettos special?
  - We started as an all T1 network (many regionals were 56K). In fact, the NSFNET backbone was just T1 (1.544Mbps) at the time.
  - The network was entirely self-funded by participants.
  - We had redundant, “fault-tolerant” connections to the regional in San Diego (CERFnet).
  - The network saved the government (and taxpayers a lot of money).
  - We appear on the Hobbes Internet timeline!
  - We were able to add “Associates”.

Cisco AGS routers  
Datatel 3552 CSU/  
DSU  
V.35 Cables  
T1 circuits (both  
GTE and PacBell)



# Members and Associates

- Members have come and gone over the years, but the basic idea behind the network has not. Some of our Associates have been with us since 1990 when the network was still quite young.
- In 1995, Los Nettos expanded its associates program and greatly increased the number of networks connected to the regional.
- We appreciate the contributions our members and associates have made to our network and our work experience.

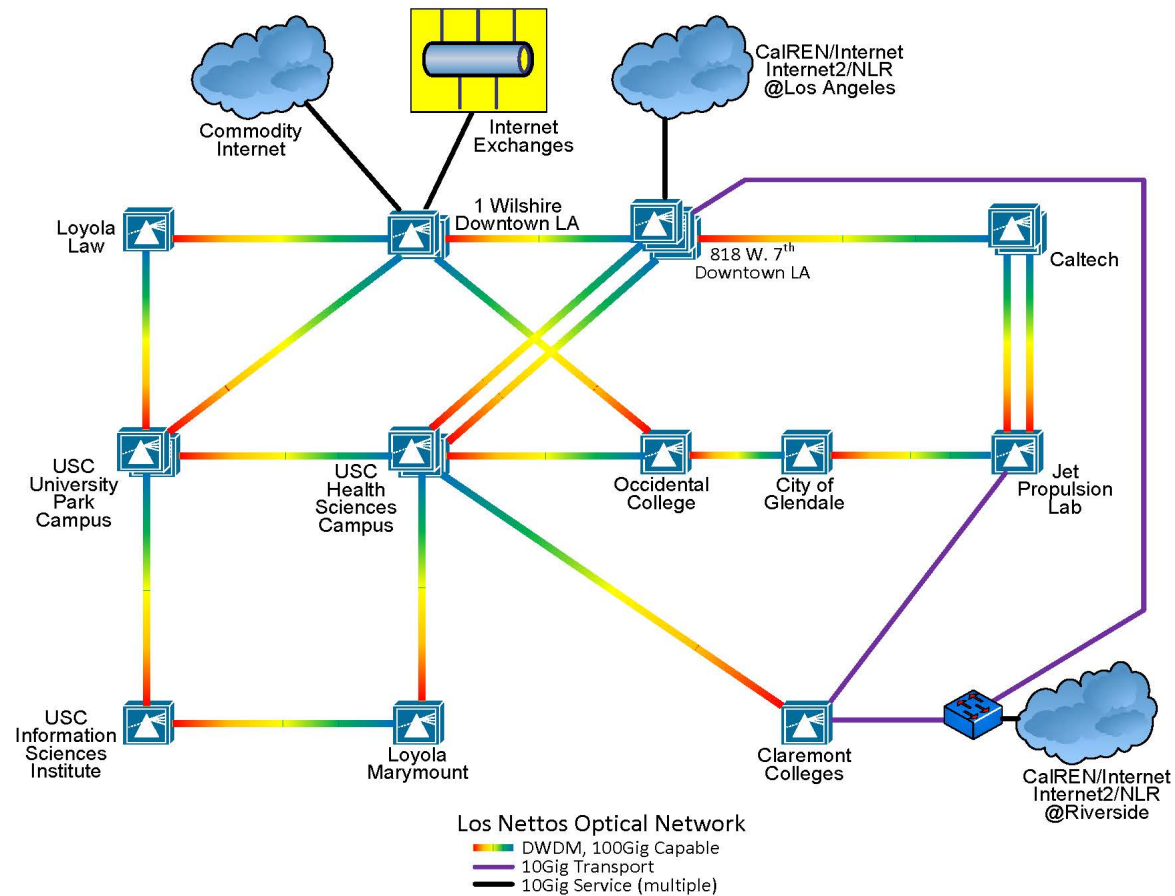


# USC

- In 2003, the Los Nettos team moved to the USC campus to be part of the then named Information Services Division (ISD) – now called Information Technology Division (ITS).
- Closer to downtown L.A., One Wilshire, HSC, Caltech, JPL and Claremont, we've been extending our fiber network to new areas.
- And of course, we are closer to the Coliseum, Museums, and now the Metro Expo line.
- In 2007, we moved off campus to the CAL building where our administrative offices now reside.
- A big change from those ocean view offices at ISI.



# Los Nettos today – you’ve come a long way baby





# Los Nettos logos



# For more info....

- Thank you for joining us for the first NANOG on the Road in Los Angeles.
- We hope you find the talks illuminating, though-provoking and the subject matter worthwhile.
- For more on the NANOG experience, see [www.nanog.org](http://www.nanog.org).
- For more about Los Nettos see [www.losnettos.net](http://www.losnettos.net)