

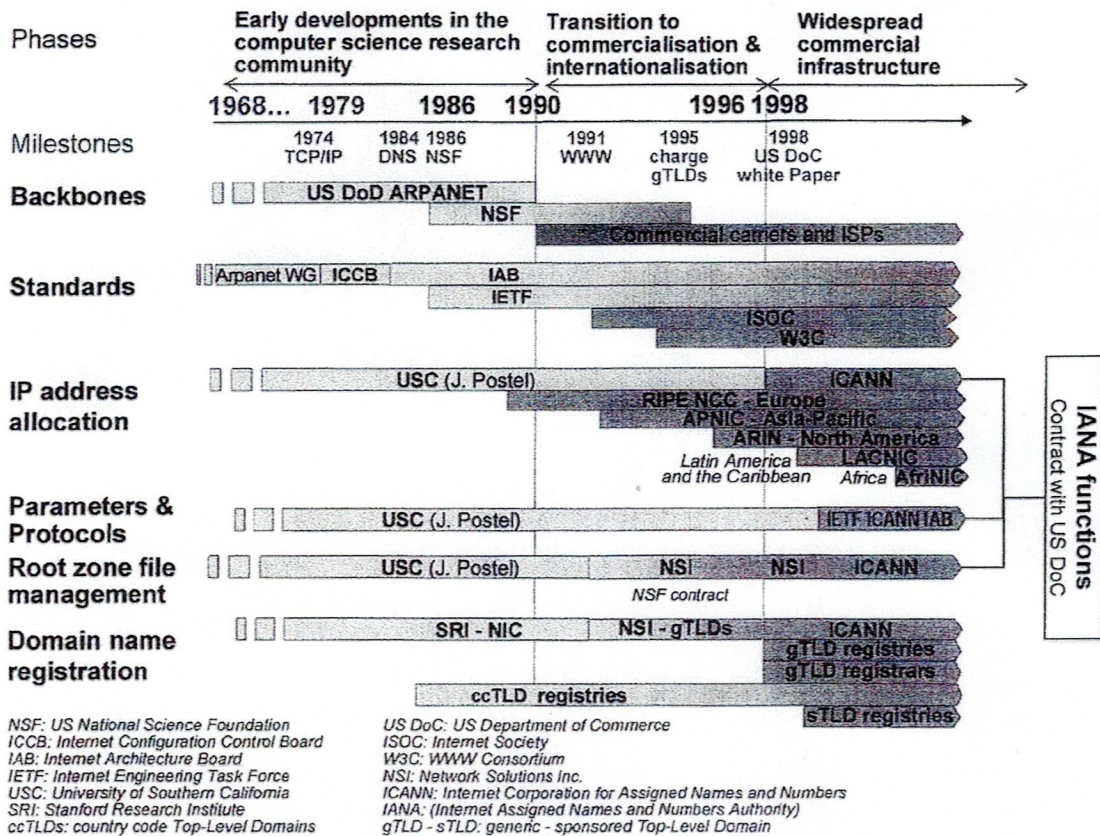
DSTI/ICCP(2005)4/FINAL

Success
After
1990!!!

COMMERCIALISATION OF THE INTERNET

34. The purpose of this section is to show that the Internet has undergone significant transformation from its early developments to its present stage of commercialisation where market-based rules dominate. The Internet started in the 1960s as the creation of a small group of dedicated researchers and has grown to be a widespread commercial information infrastructure with tremendous influence on economies and societies. The Internet's evolution has been characterised by rapid development and flexibility enabled by little governmental interference and by significant investment and innovation by the private sector. Technical coordination structures were created in parallel to address issues relative to the Internet's operation.

Figure 8. Simplified chronology of Internet technical coordination structures



Source: OECD, 2005

New ANS Service Will Provide Commercial Access to Internet

"The new CO+RE Service will enable the private sector and the research and education community to interconnect with fewer restrictions"

"By strengthening and improving the ability of American business and industry . . . to communicate, we strengthen and improve our economy."

On June 6, 1991, Advanced Network and Services, Inc. (ANS) announced a new service that will help broaden commercial access to the Internet. Eric Aupperle, President of Merit, Inc., commented: "I am delighted with the opportunity for commercial access that ANS has announced. I believe that it will be an important contribution to the furtherance of the work of educators, librarians, scientists and students by providing wider access to essential information sources." The text of the news release follows:

ELMSFORD, N.Y., June 6, 1991 — ANS CO+RE Systems, Inc., today announced CO+RE Service*, a new service that will allow commercial as well as research and education users to interconnect to the Internet through the ANS high speed computer networks. ANS CO+RE Systems, Inc. is a newly formed taxable subsidiary of Advanced Network & Services, Inc.

"The new CO+RE Service will enable the private sector and the research and education community to interconnect with fewer restrictions via existing computer networks. This will help technology transfer, enhance productivity and promote the exchange of ideas across many disciplines," said Allan H. Weis, President and CEO of ANS.

To ensure the broad connectivity required to make the new service a success, a series of agreements are being entered into with other network service providers and private organizations. CO+RE Service's objectives are to expand connectivity, broaden access, and make the Internet a more useful and productive tool. Revenues from the provision of CO+RE Service, after covering associated expenses, will be used to enrich national networking infrastructure.

"The new service will not only enrich the network resources accessible to the research and education communities the National Science Foundation is charged to support, but will enable all network users to benefit from the infrastructure enhancements and accompanying economies of scale," said Steve Wolff, Director of the National Science Foundation's Division of Networking Communications Research and Infrastructure (DNCRI).

By broadening access to the Internet, CO+RE Service will further ANS's efforts to complement and support the concepts proposed in the National Research and Education Network (NREN) put forward by the Administration and Congress as a part of the High Performance Computing and Communications Program. The Internet is a collection of interconnected networks which serves research and education institutions and federal agencies.

"By strengthening and improving the ability of American business and industry to move information and to communicate, we strengthen and improve our economy," said Sen. Al Gore, D-TN, author of the High Performance Computing Act that would create a national high speed computer network. "Just as local roads provided invaluable access to the interstate highways, this new service will provide invaluable access to the Internet and eventually to the new national network. And, the national network will further encourage development of private networks connecting computer users in every sector of the economy. Investments by the federal and state governments will be made even more valuable."

CO+RE Service is the result of several months of detailed work between ANS and many of the midlevel networks.

See ANS, following page

Become a Certified Internet Navigator

TAKE AN INTERNET CRUISE!



Merit Network, Inc. invites you to set sail with the latest version of "Merit's Cruise of the Internet."

The Cruise is a colorful, computer-based tutorial which was developed for new and experienced users of the Internet. It is available for both Apple Macintosh™ and DOS™ users.

Merit's Cruise will introduce you to the basic Internet navigational tools: e-mail, Telnet and Anonymous File Transfer Protocol (FTP). In addition, you will learn about emerging information delivery tools such as Gopher, WAIS and archie. Examples on how to use each of these tools are provided for you to try yourself.

The "Resources" section illustrates sixteen different ways in which you can use the Internet's vast and diverse resources. Included in this section is information for

supercomputer users, multimedia mavens, and even a source of tasty recipes for the chef in you!

The best part about Merit's Cruise of the Internet is that it is available for FREE! All you need is access to the Internet and Anonymous FTP capability. A readme file is available which will provide you with the system requirements and FTP instructions.

Mac and DOS readme files are available via Anonymous FTP to nic.merit.edu. Look in either /resources/cruise.dos or /resources/cruise.mac depending on which platform you prefer.

Don't have Internet access or FTP capability? You can order the Cruise on diskette for just \$10. Please see the order form below for more information.

"This tutorial has been received well by everyone from secretaries in finance to several vice presidents here... Great work!!!!"

"This program is great!! It's a great way to get a feel for what's out there and how to do it for the new user. Thanks."

"I have tested CRUISE Version 2.0 and I have found it fantastically useful as a quick introduction to INTERNET."

"Nice job, nice design. I'm planning to hand it out to a number of professors here on campus."

"Hooray! My best regards to those who designed a program for people like me who just don't have all the resources to find out what's going on. You have helped a million and I owe a big thanks to your program."

"I acquired your presentation program called "Internet Cruise" and found it to be a first class production. The interface, ease of use, graphics, and content were all well thought out."

ORDER FORM

Merit's Cruise of the Internet

Please send me 'Merit's Cruise of the Internet' on disk.
I have enclosed \$10 per disk for shipping & handling.

(NOTE: both versions on 1 44MB HD format diskette)

Number of disks: S&H per disk

DOS disk(s) x \$10.00 \$ _____

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Payment (Check one):

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Ann Arbor, MI 48106

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[0003] This new process was introduced in a business plan and similar writings in 1990 by the inventor. These documents are enclosed on the CD entitled *Hartman Patent Docs. #1-12* and are comprised of the following: (1) Accessing Accessibility (Marketing Information and Service Brokerage)—11 pages submitted 1991-1992 for Innovation Award Ben Franklin Partnership Program of the Commonwealth of Pennsylvania; (2) The Feasibility of Accessing Accessibility submitted March 1991 to Pennsylvania Department of Commerce for Benjamin Franklin Partnership Fund Project; (3) Talk Shoppe Telecommunications Services business offering Information Retrieval application for registration of fictitious name—Mar. 5, 1990; (4) Hartman letter to Frank Campo—U.S. Small Business Administration Sep. 27, 1990; (5) Hartman letter to Twanna Bivins, P.C.D.C. May 31, 1990; (6) Hartman letter to Don Lonergan LaSalle Small Business Development Center, Feb. 13, 1990; (7) Hartman letter to Shelly Fudge Benjamin Franklin Technology Center of Southeastern Pennsylvania, Aug. 23, 1990; (8) Hartman letter to Phillip A. Singerman, Benjamin Franklin Technology Center of Southeastern Pennsylvania, Mar. 30, 1991; (9) William H. Harrington, Director of Benjamin Franklin Technology Center of Southeastern Pennsylvania letter to Hartman, Aug. 15, 1991; (10) U.S. Small Business Administration letter to Hartman, Aug. 5, 1992; (11) U.S. Small Business Administration letter to Hartman, Aug. 20, 1992; (12) Certified Mail envelopes from U.S. Business Administration to Hartman dated Aug. 21, 1992 and Jan. 22, 1993.