

In the beginning...

- **Few people believed that ordinary people will use computers**
- **Very few people believed that people will use computers to communicate**
- **In the Telecom world...Internet was regarded as “dirty”, “not secure”, not suited to serious business**
- **Governments, Telco, ITU, Business, all main stream people were against the Internet**

Early history of Computer Networking

*Internet was **not** the only game*

ARPANET	1969	ARPA, US DoD	JC Lickrider
Com	1970s	Uppsala U. /Stockholm U.	Jacob Palme
Community Memory	1972	Berkrey, US	Mark Szpakowski
UUCP	1977	Bell Lab	
CBBS	1978		Christensen/Suess
UseNet	1979	U. North Carolina/Duke U.	
Electronic Information Exchange System (EIES)	1979	Computer Conferencing, NJIT	Murray Turoff
The Source	1979	Online Utility	
CompuServe	1980	Forum	
BITNET	1981	City U. of NY / Yale U.	I. Fuchs / G. Freeman
TCP/IP	1982	CNRI	Vint Cerf/ Bob Khan
Confer		U Michigan/MTS	Bob Parnes
CoSy	1983	U. of Guelph, Canada	Alastair Mayer
Fidonet	1983		
Well	1985	Whole Earth Review	S. Barnd etc
World-wide Web	1980-90	CERN	Tim Berners-Lee
Mosaic	1993	NCSA	Marc Andreessen

Computer Networks in Japan

N1	1974	Point-to-point Univ. Net
SINET	1987-	NACISIS
BBS/PC Network	1984-	
JUNET/WIDE	1984/86	Jun Murai@TIT/Keio
JALNET	1984	JAL
TWICS	1984	J.Shapard, J. Ito@Nichibei
Ascii Net	1985	Ascii
PC-VAN	1986	NEC
COARA	1985	Local net
Nifty-Serve	1986	Fujitsu/N.Iwai
AT&T JENS	1992	
IIJ (Int'l)	1994	

“ICT for Development”

1991-	Networking Training Workshop at INET etc,
1992	Sustainable Development Network Program (SDNP), by UNDP as outcome of Earth Summit
1993	Asia Pacific Networking Group (APNG) (APCCIRN '91)
1995	“GII Summit” by G7, Brussels, EU: “Information Society”
1995	PAN Asia Networking /IDRC Singapore Mongolia, Cambodia, Vietnam, Laos, Sri-Lanka, China...
1996	Information Society and Development, South Africa
1996	Acacia, IDRC
1996	Multimedia Super Corridor (Malaysia)
1997	APDIP by UNDP
2000	Okinawa Summit, IT Charter, DoT Force
2001	DoT Force Genoa Action Plan