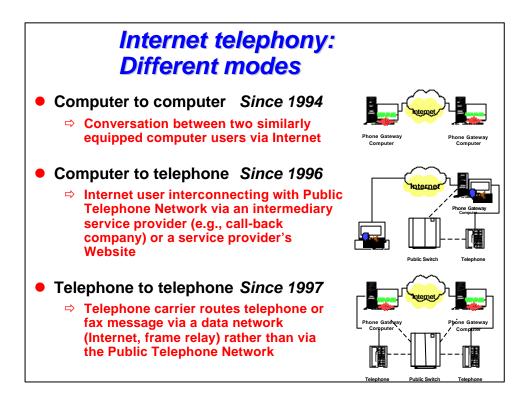


Internet Economics: Five factors that make the Internet different

- 1. Packet-switched network architecture
 - Connection-less not connection-oriented
- 2. Pricing independent of distance & duration
 - ⇒ Average message covers 15 or more "hops"
- 3. Peering arrangements, not settlements
 - ⇒ Based on a full-circuit regime, not on half-circuits
- 4. Traffic flows highly asymmetric
 - Dominant flow is to terminal that initiates a session (though this is changing)
- 5. The United States sets the rules!
 - There is no "Internet Telecommunication Union"



Which would you choose? Price per minute of a 3 minute international telephone/fax call from US (in US\$)

	AT&T basic	AT&T One	Internet
UK	3.27	0.36	0.60
Germany	3.75	1.05	0.96
Australia	4.53	1.35	1.02
Japan	4.35	1.44	1.29
Korea (Rep)	5.46	1.77	1.17

Source: Adapted from data in TeleGeography 1997/98. Original source of AT&T tariff data is Tarifica. AT&T basic refers to the peak rate basic offering. "AT&T One" refers to the AT&T One Rate for which a US\$3 per month fee is payable. Internet Telephony tariff data is sourced from Global Exchange Carrier and is relevant for October 1997.

