History of Mobile Computing
Desktop Phones

Mobile Phones

Desktop Computing

Mobile Computing
Mobile Telephony
Early car phone
1960s

A social history of the mobile telephone with a view of its future
H Lacohee, N Wakeford, I Pearson
BT Technology Journal, Vol 21 No 3, July 2003
Martin Cooper
Motorola DynaTac
(1973/83)
Wall Street
(1987)
IBM Simon
1992
Blackberry “Quark” Series
2002
The mobile telephone has been

“... a way of rebuilding economies in eastern Europe, an instrument of unification in western Europe, a fashion statement in Finland or Japan, a mundane means of communication in the USA... an agent of political change in the Philippines”

J Agar, “A Global History of the Mobile Phone”
Mobile telephone subscribers per 100 inhabitants, 1997-2007

Graph showing the growth in mobile telephone subscribers per 100 inhabitants from 1997 to 2007 for Developed, Developing, and World regions.
Mobile Computing
Psion Organizer
1984/86
Xerox PARC TAB (1992/93)

Photo: http://nano.xerox.com/parctab/tabpic.html
Ubiquitous Computing

Mark Weiser’s Vision:

“Computing by the Inch, Foot & Yard”

100s of computers work together & will disappear (invisible)
Context awareness through active badges

Privacy and security?
Palm Pilot (1996)