



# HomeRF™ Working Group

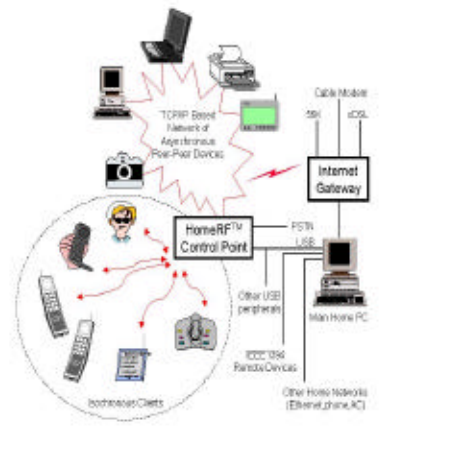
## 3rd Liaison Report

# HomeRF™ Mission Statement

To enable the existence of a broad range of **interoperable consumer devices**, by establishing an **open industry specification** for unlicensed RF digital communications for PCs and consumer devices **anywhere, in and around the home**.

ERICSSON INC.  
EXHIBIT 1009

# Vision for Home Networking



# Membership Roster

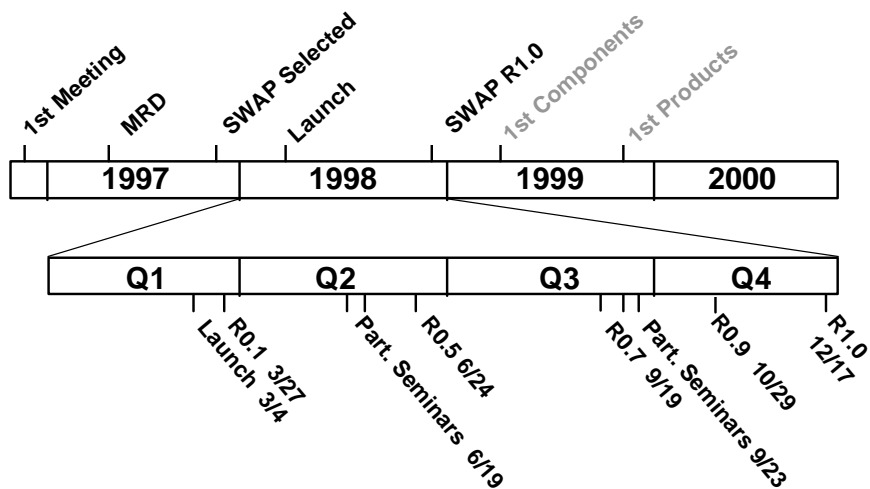
{ Updated September 11, 1998 }

- |  |   |
|--|---|
| <b>3COM</b>                            | <b>Harris Semiconductor</b>               |
| <b>Advanced Micro Devices</b>          | <b>Hewlett-Packard Company</b>            |
| <b>Aironet Wireless Communications</b> | <b>Hosiden Corp.</b>                      |
| <b>Alps Electric Co., Ltd.</b>         | <b>IBM</b>                                |
| <b>Broadcom Corporation</b>            | <b>Intel Corp.</b>                        |
| <b>Butterfly Communications</b>        | <b>Intellon</b>                           |
| <b>Casio Computer Corp.</b>            | <b>Kansai Electric Co., Ltd.</b>          |
| <b>Cisco Systems</b>                   | <b>LG Electronics, Inc.</b>               |
| <b>Compaq Computer Corp.</b>           | <b>Matsushita Electric Industrial Co.</b> |
| <b>Ericsson Enterprise Networks</b>    | <b>(Panasonic)</b>                        |
| <b>Fujitsu Ltd.</b>                    | <b>Microsoft</b>                          |

# Member Roster (Cont.)

Mitsubishi Electric Corporation	Rockwell Semiconductor Systems
Motorola	Samsung Electronics, Inc.
National Semiconductor	ShareWave, Inc.
NEC Corporation	Sharp Corporation
Nortel	Siemens
Oki Electric Industry Co., Ltd.	Silicon Wave Inc.
Philips Consumer Communications (PCC)	Symbionics
Primax Electronics, Ltd.	Symbol Technologies
Proxim	Texas Instruments
RF Monolithics, Inc.	WebGear

# HomeRF™ Timeline



## Applications & Usage Scenarios



## PC-Enhanced Cordless Telephone

- Interoperable Cordless Telephone with Digital Voice Quality
- Caller ID with PC Lookup
- Lowest Cost Call Routing (Internet Telephony)
- Voice Mail Retrieval
- Email viewing or read back as Text to Speech (TTS)
- PIM Functionality
- Speech Input to PC (Voice commands)
- Remote I/O Access to Other PC Subsystems
- Home Automation Control Center
- Endless Software-Based Applications To Be Written

## Mobile Viewer Appliance

- Portable device built around inexpensive color display
- Extension of main Home PC ...
- ... and/or gateway to the Internet
- Limited input functionality and local processing power
  - Relies heavily on central resources on PC or Internet
  - TCP/IP networking represents efficient link to host device/gateway
  - speech could be a primary data input method
- Known by many names - “Fridgepad”, “Infopad”, “Netviewer”, etc.

## Resource Sharing

- Multi-PC homes can share files/modems/printers
- PC’s and other new devices can share an ISP connection
  - Only one PSTN line and ISP account required
  - Perfect for evolving big pipes such as UDSL or cable modem
- Peer to peer communication enables interactive entertainment and information sharing
- Multi-player games and/or toys based on PC or Internet resources

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