mix™ – multimedia information exchange.

mix. The NeXTSTEP telecommunication system for fax, voice and data.

- advanced telephone answering machine
- digital r ecording of announcements and messages
- high quality send and r eceive of fax pages
- r eplaces a conventional 2400bps data modem
- automatic service detection
- flexible softwar e solution
- extensions include:
  - call forwarding
  - interactive information system
  - voice mail functionality
  - fax on demand
  - or der management
  - r emote control
- runs on NeXTSTEP, both on NeXT computers and 486 PCs

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mix is a computer integrated telecommunication device combining fax modem, data modem, telephone dialer, and digital telephone answering system. **mix** is a combination of hardware and software:

The **mix** hardware consists of the small **mix**^{box} that connects the computer with the telephone line. NeXTSTEP PCs also require **i56**, the PC DSP and sound card, providing the same Digital Signal Processor (DSP) that is built into the NeXT computer. The **mix**^{box} does not use a serial port and does not need a power supply.

The fax, voice, and data functions all run in software on the DSP. This concept leads to a new dimension of integration and flexibility: all telecommunication services are closely linked to provide features not found in conventional devices. The automatic service detection, for example, switches incoming calls to modem, fax, or telephone answering machine. New telecommunication services or data transfer protocols can be integrated with a simple software upgrade - the existing hardware does not become obsolete.