



IBM Augmented Phone Services

IBM Augmented Phone Services (6280740)

IBM Augmented Phone Services enables hearing- and speech-impaired people to converse with family, friends and business associates over telephone lines.

Speech-impaired people can "speak" by typing messages on their PC keyboard. The Augmented Phone Services program translates those messages into synthetic speech that is sent over the telephone line.

Hearing-impaired people can "listen" by viewing their callers' messages on the PC screen. Callers without hearing impairments don't need a personal computer or the Augmented Phone Services program at their end of the line; they send messages by "spelling out" words on the keys of an ordinary touch-tone telephone.

Since each touch-tone telephone key can represent three letters, a combination of keys may form several different words. To help clarify a meaning, the Augmented Phone Services program displays possible word choices on the screen. The receiver can then select the word that best fits the context of the conversation. The 8,500-word list also can be enlarged to include proper names, job-related terms and abbreviations.

The Augmented Phone Services program is designed to make telephone conversations as natural and convenient as possible. Built-in features allow users to:

- List frequently dialed numbers in a directory of up to 32 names
- Dial directory listings at the touch of a key
- Prepare and store synthetic-speech messages for future use
- Use a PC as an answering machine to record touch-tone keyed telephone messages

When both the Augmented Phone Services user and the other party type text messages, the entire conversation can be displayed on the user's screen and stored or printed for later review.

Other IBM PC Voice Communications Software

Program	Announcement Number
IBM PC Voice Communications Operating Subsystem – to provide IBM PC Voice Communications Adapter functions and control them	SA-111
IBM Voice/Phone Assistant – to use a personal computer as a sophisticated answering service	SA-112
IBM Voice-Activated Keyboard Utility – to enable software developers to create voice-command programs	SA-113
IBM PC Voice Communications Application Program Interface (API) Reference – to help programmers write applications that use modem emulation, recognize voice, synthesize speech and perform other advanced functions	SA-114
IBM Personal Telephone Manager Program or IBM Personal Telephone Manager Program / Voice Communications Option – to link your telephone to an IBM Personal Computer	SA/HA-116

Highlights

- Generates synthetic speech over phone lines from keyboard input
- Receives and translates incoming touch-tone signals into text messages that are displayed on a monitor
- Provides a flexible 8,500-word list
- Enables users to personalize a supplemental word list with commonly used acronyms, abbreviations and proper names
- Allows users to create, store, update and delete phone directory records
- Permits dialing from phone directory entries, keyboard or telephone
- Provides last-number redialing
- Stores announcements, emergency calls and other prepared messages for later playback
- Automatically answers and stores incoming text messages
- Stores conversations on a diskette or fixed disk
- Prints copies of conversations
- Allows several Augmented Phone Services users to share a single IBM Personal Computer

System Requirements

- One of the following IBM Personal Computers with at least 448KB of system memory:
 - IBM Personal Computer
 - IBM Personal Computer XT™ system
 - IBM Personal Computer AT® system
- One double-sided diskette drive
- One of the following displays:
 - IBM Personal Computer Color Display with the IBM Color/ Graphics Monitor Adapter or the IBM Enhanced Graphics Adapter
 - IBM Enhanced Color Display with the IBM Enhanced Graphics Adapter (in enhanced text mode)
 - IBM Monochrome Display with the IBM Monochrome Display and Printer Adapter
 - Other compatible display with appropriate adapter
- IBM Disk Operating System (DOS) 2.10 or higher
- IBM PC Voice Communications Operating Subsystem (included in the IBM PC Voice Communications Option)
- IBM PC Voice Communications Option (6294771) with appropriate telephone connections

Compatibility

IBM Augmented Phone Services is compatible with and requires the IBM Personal Computer Disk Operating System Version 2.10 or higher and the IBM PC Voice Communications Operating Subsystem program.

Installation and Operation

Information pertaining to the installation and operation of IBM Augmented Phone Services is contained in the documentation shipped with the product. It is the user's responsibility to install and operate IBM Augmented Phone Services following the guidelines contained in the documentation.

Security, Auditability and Control

User management is responsible for evaluation, selection and implementation of security features, for administrative procedures and for appropriate controls in application systems. If sensitive data is sent over external communication facilities, user management may wish to pursue the application of cryptography.

Customer Responsibilities

The customer is responsible for program setup and operation and for implementation of backup procedures, applicable problem determination procedures, and appropriate security measures to limit the risk of unintended modification, destruction or disclosure of sensitive data.

Packaging and Publications

The following items are packaged with IBM Augmented Phone Services:

- IBM Augmented Phone Services User's Guide
- Quick Reference Guide
- Telephone User's Quick Reference Card
- One program diskette
- One data diskette

Warranty—U.S.

The IBM Program License Agreement with standard Limited Warranty provisions applies to this software product (standard 90-day, media-only Licensed Program provisions).

IBM Program License Agreement

A copy of the Agreement is packaged and shipped with each program and is visible to the customer before opening the package. The customer is advised that opening the package indicates acceptance of these terms and conditions. No signature is required.