Software Product Description

PRODUCT NAME: ALL-IN-1 PC Server for VMS, Version 1.0 **SPD 31.71.00**

DESCRIPTION

The ALL-IN-1 PC Server for VMS is a collection of executable images, DCL command procedures, ALL-IN-1 scripts, and data files. It allows an ALL-IN-1 system to be used as a server for the various PC Clients.

The PC user has the ability to run ALL-IN-1 applications directly through terminal emulation or let the PC control mail and file movement. In terminal emulation, the ALL-IN-1 PC Server for VMS recognizes the session as an interactive session.

The All-IN-1 PC Server for VMS also has a simple user interface available to the VMS and/or ALL-IN-1 system manager for management functions. It provides the following services:

- Mail sorting and routing
- Scheduling
- User management
- Access to the ALL-IN-1 file cabinet and printers

The ALL-IN-1 DESKtop for PCs family of products includes:

- ALL-IN-1 DESKtop for DOS (SPD 50.20.xx) - Required software for the PCs to use the facilities provided by ALL-IN-1 PC Server for VMS.
- ALL-IN-1 PC Server for VMS - Software that provides the connection between the various ALL-IN-1 personal computers and ALL-IN-1 on the VAX.

Features

- Mail Sorting and Routing - The ALL-IN-1 PC Server for VMS monitors the PC user's inbound mail area for the appearance of new mail and alerts the PC of the availability of the mailbag, if the mailbag watch is active. The PC user can activate the server, by means of a menu selection on the personal computer, to carry out a mail exchange (send/receive). This mail exchange is accomplished using the following appropriate transfer protocols available for connecting the PC and the VAX: Kermit (included in the product), DECnet, or MS-NET™ copy.

  During mail exchange, proper safeguards are maintained to avoid collisions with the mail reading/writing process. The server can keep a log of all Mailbag exchanges.

  The minimum required connection time for a mail exchange is the amount of time required to move the available mailbags to and from the PC.

- Reading/Writing Mail - The ALL-IN-1 PC Server for VMS reads and writes mail for registered users. The read/write process starts with an un-bagging and sorting operation. Messages can include ALL-IN-1 mail messages or messages destined for Message Based Applications (MBA). Note: All mail is stored and forwarded through ALL-IN-1. Conversions of documents using a conversion product (e.g. KEYpaK™ can be accomplished when sending or receiving mail.)

  The mail write process interprets all mailbag information pertaining to priority, read receipt, addressees, subject and so forth, and creates an appropriate ALL-IN-1 message. Addressees are checked for acceptability; any addressee not acceptable is not used and a rejection message is returned to the personal computer.

  When messages are read, the mail header and body are text, and attachments are inspected to determine their convertibility. The destination format of the attachment is the format indicated by the recipient as their preferred format. Read messages are collected with messages from other sources (such as Message Based Applications) into a new or existing mailbag and held until the next mailbag exchange is initiated.

- Scheduling - Scheduling is provided by a batch process known as the master scheduler which detects the presence of mail waiting to be delivered to or from a registered PC user. If the pre-set minimum time since the last mail delivery has expired, a batch job is submitted in the user's name to handle the process known as read/write. The scheduler is submitted and managed by the VMS or ALL-IN-1 system manager who can submit the read/write process in the name of each user. The read/write process is performed in batch or detached mode with no delay or wait by the user.

  The read/write process bundles the mail addressed to the PC user into a mailbag for delivery. It checks for a mailbag from the PC user, breaks the mailbag and sends each article in the mailbag to its destination (ALL-IN-1 or the MBA processor).

  If the PC is logged into the VAX, it can request the Server to start monitor mode to check, at short intervals, for a new inbound mailbag for that PC. When a new mailbag is detected, a "trigger phrase" is transmitted to the PC. The trigger phrase causes the PC to start a pickup of the mailbag if the PC is not running another PC application. If the PC is running another PC application, the scheduler posts a notice to the user that a mailbag is available for pickup at the user's convenience.
- User Management - This is accomplished by means of a menu driven interface for the creation and maintenance of user lists, validation lists, broadcasting of messages to the PC user base, delivery of software updates to PC users, and installation testing. This runs from the VMS system manager's or ALL-IN-1 manager's account.
- Access to ALL-IN-1 file cabinet and printers - File transfers are available in the following combinations:

  DOS to/from VMS
  DOS to/from ALL-IN-1 File Cabinet
  DOS to ALL-IN-1 Printer
  PC File Cabinet to/from VMS
  PC File Cabinet to/from ALL-IN-1 File Cabinet
  PC File Cabinet to ALL-IN-1 Printer

HARDWARE REQUIREMENTS

VAX, MicroVAX, VAXserver or VAXstation configuration as specified in the System Support Addendum (SSA 31.71.00-x).

SOFTWARE REQUIREMENTS*

- VMS Operating System
- ALL-IN-1
  or
- ALL-IN-1 STARTER

Refer to the System Support Addendum (SSA 31.71.00-x) for availability and required versions of prerequisite/optional software.

SOFTWARE LICENSING

The right to use ALL-IN-1 PC for VMS is included in the ALL-IN-1 License or ALL-IN-1 STARTER License. This product does not provide support for the VMS License Management Facility. A Product Authorization Key (PAK) is not required for installation or use of this version of the product.

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