Software Product Description

PRODUCT NAME: ALL−IN−1/Hanyu, Version 3.2 *SPD 60.60.01*

DESCRIPTION

ALL−IN−1/Hanyu Integrated Office System (IOS) Server for OpenVMS V3.2 is the traditional Chinese (hereafter referred to as local language) version of the standard ALL−IN−1 Integrated Office System (IOS) Server for OpenVMS V3.2 system. It is a bilingual (English & local language), customizable, menu-oriented software product that provides generic office applications and a facility for integrating other business-oriented applications. ALL−IN−1/Hanyu extends the standard ALL−IN−1 to support local language characters under the localized OpenVMS operating system.

ALL−IN−1/Hanyu supports Chinese data representation that conforms to the National Bureau Standard (CNS11643), the Standard Interchange Code for Generally-used Chinese Characters (SICGCC, 1986) character set of Taiwan, Republic of China, with an extension area of 8836 character positions.

ALL−IN−1/Hanyu consists of:

- Local language (Hanyu) ALL−IN−1 Office Applications
- Integral Support for TeamLinks Windows and Macintosh Clients
- Local language (Hanyu) FMS (including both FMS and Forms Language Translator)
- Message Router Gateway for OpenVMS (includes both the Message Router and gateway to OpenVMS Personal Mail Utility)
- Integral CDA Conversion Services on both Alpha and VAX
- ALL−IN−1 Group Conferencing (based on DEC Notes)
- Support for MAPI 1 clients and applications through the Digital MAPI Driver V1.0 for ALL−IN−1 (Summer' 96)
- Support for MS Mail V3.2 clients through the Microsoft Mail™ Driver - SPD: 55.72 (Summer '96)
- Support for cc:mail clients through the Digital Driver V1.0 for cc:Mail™® - SPD:56.17 (Summer '96)
- X-Open XAPI and XDS interface to communicate directly with MAILbus 400 and Digital X.500 based on Digital UNIX or OpenVMS Alpha
- Ability to act as an Internet Service Provider, in conjunction with a local Web Server, enabling access from anywhere on the Internet outside the local Internet security "Firewall"
- WordPerfect® V5.1++ Alpha integration "out-of-the-box" (not included with the ALL−IN−1/Hanyu V3.2 kit however)

This SPD describes the local language specific features of the software product. For details of the standard ALL−IN−1 V3.2 features, please refer to ALL−IN−1 V3.2 Software Product Description (SPD 27.30.10).

FEATURES

On top of the standard ALL−IN−1, ALL−IN−1/Hanyu is enhanced to include local language support in the following subsystems/functions:

- File Cabinet Management (including drawer)

JUNE 1996
AE-PS83B-TE
DIGITAL EQUIPMENT CORPORATION
ASIA REGION

- Word & Document Processing
- Electronic Messaging
- Time Management
- Directories
- Group Conferencing
- User Setup
- Job Services

The following sections describe the local language specific features unique to individual subsystem/function of ALL−IN−1/Hanyu.

File Cabinet Management

The localized File Cabinet facility allows users to assign local language index information to documents. The index information includes:

- Shared filing users can create local language shared drawers to allow users of the same or other All-In-1/Hanyu system to read and edit shared documents. Access controls are provided so that the drawer owner can specify which users are allowed to access a drawer and the operations they are allowed to perform in it.
- Drawer name
- Folder name
- Title
- Keyword
- Author

This facility is available to Word & Document Processing and Electronic Messaging subsystems. Thus, documents can be stored and retrieved using local language private drawer names, folder names, titles, etc.

Text/Word Processing

In localized ALL−IN−1/Hanyu, there are three choices of editors provided:

- HEDT
- HTPU/HEVE
- Localized WPS-PLUS

These are the localized word processing editors replacing EDT, WPS and WPS-PLUS respectively. Users can specify one of these as their default editor in the user profile.

With the localized word processing facilities, users are able to create, edit and maintain local language and English documents.

Localized WPS-PLUS

Localized features of WPS-PLUS are highlighted as follows:

- Local language character input and output in overstrike/insert mode
- Four directional cursor movement keys
- Distance cursor movement keys
- Delete and undelete characters, words and lines
- Display of status line to check page number, line number, column and title of the current document
- Footnotes & Endnotes
- Library and Abbreviation Document
- Automatic character wrapping control except for multi-column editing
- Document printing with ragged or justified right margins
- Automatic centering, underlining, bolding and double underlining characters with the ability to reverse the functions
- Text selection by characters, lines, sentences, paragraphs or pages
- Cut and paste function to move or copy characters within a document, or from one document to another
- Replace function to replace selected characters with the text in the paste area
- Search and search-and-replace characters and phrase functions
- Global search-and-replace that locates and replaces given characters or phrase with another throughout a document
- Placing headers or footers automatically at the top/beginning or bottom/end of each page in a document

- Local language markers in editor
- Local language comments in documents that are displayed on screen but do not appear in printed documents
- Generating local language Table of Contents using titles in the numbered paragraphs

Localized WPS-PLUS also provides List Processing capability that allows users to generate customized letters or reports using:

- A list document which contains several records; a single record can have multiple fields of variable length; fields can have local language characters
- A form document, a template of letter or report, with or without local language characters
- A selection specification which identifies the records to be processed
- An output document which contains the customized form document ready to be printed

HEDT

The following are some of the HEDT enhanced editing features. For details of HEDT, refer to HEDT Reference Manual.

- Full form & half form character conversion
- Automatic Horizontal Scrolling
- Column Select for Cut & Paste
- Word Wrapping
- Centering/Right Justification/Left Justification
- Line drawing/table fillings
- Localized date insertion
- Line and Column Number Display
- Left/Right Column Indentation
- Editing modes:
  - absolute insert
  - absolute overwrite
  - insert within fixed ruler lines
  - overwrite within fixed ruler lines

HTPU/HEVE

The following are some of the HTPU/HEVE editing features. For details of HEVE/HTPU, please refer to the appropriate reference manual.

- Full form and half form character conversion
- Character class classification
- Line drawing capability
- 2-byte local language character composition
- 2-byte local language character deletion and cursor movement
- 2-byte local language character wrapping
- Pattern matching

Electronic Messaging

With the localized Electronic Messaging function, users are allowed to:

- Create/Edit/Send/Print local language messages
- Send mails using local language nicknames and distribution lists
- Attach local language documents
- Forward mails with local language covering notes
- File mail messages under local language folder names and drawer names
- Display mail status in local language
- Specify mail priority in local language
- Use local language mail box names
- Import VMSMail / HMail documents
- Read/Index mail messages either in English or local language mail boxes

For standard ALL–IN–1 V3.2 Electronic Messaging features like *integral X.400 addressing support*, please refer to the standard ALL–IN–1 V3.2 SPD (27.30.10)

Time Management

Localized ALL–IN–1 offers local language support in maintaining a personal calendar of events and tasks through the Time Management subsystem. The localized features include:

- Creating/Editing/Printing meeting notifications and task lists which contain local language text
- Using local language nickname and/or distribution list in addressing those who attend the meeting
- Replying meeting request in local language
- Viewing/Printing monthly/weekly local language schedule
- Local language day-of-week and month on calendar display
- Local language menu, help, message and on-line training (CBI)

Directories

The localized Directories application allows local language characters in the following:

- Personal phone directory which maintains entries that may contain local language characters in name, full name, company, department, address and comments
- Nickname
- Distribution List

The latter two would be available to other functions where mail address is required, e.g. scheduling meeting, electronic messaging, calendar management,etc.

Group Conferencing

Local language support is available at user interface level. Local language menu, help, messages and on-line training are available so users can take advantage of the ALL−IN−1 menu-driven feature in Group Conferencing.

Maintaining User Account / User Setup

Localized ALL−IN−1/Hanyu system administrators can maintain user profile in the local language. Profile data that allows local language characters includes:

- ALL−IN−1 password
- Department
- User Title
- Name (Surname, Given name)
- Address
- Organization

Through the User Setup option, users can access and modify part of their personal details which can then be displayed and referenced by others in local language.

The difference in name ordering between English and the local language is handled to ensure that names are displayed and recorded correctly.

Document Transfer

The localized ALL−IN−1/Hanyu Document Transfer function allows users to send files with local language text to and from the localized OpenVMS system.

System Wide Local Language Features

The following sections describe the localized features that generally apply to all the localized subsystems mentioned above, unless otherwise stated.

Interactive Screen Displays

Localized ALL−IN−1/Hanyu is a menu-driven system that provides access to functions through a hierarchy of menus. Menus and forms of the mentioned systems plus those generic ones like the Main menu, Interrupt menu, Print menu, Scratch Pad, etc. can be in local language or in English. Users can indicate their choice in their user profile or upon time of invoke.

Help & Messages

ALL−IN−1/Hanyu supports bilingual help for both general and context-sensitive information of the system. The various kinds of help include:

- general descriptive information about the ALL−IN−1 system including keyboard layout diagram
- context specific guidance in the use of subsystems, options and function keys and guidance in resolving errors
- instructions for completing a field on a form
- facilities for listing valid entries of a field

Instructions, informational/error messages and warnings can be displayed in the local language or English within the whole system.

On-line Training

ALL−IN−1/Hanyu provides on-line bilingual training lessons on the major functions of the following subsystems:

- Electronic Messaging
- File Cabinet Management
- Word and Document Processing
- Time Management

The lessons are task-oriented and guide users to learn about the system while actually doing productive tasks.

Print Facility

The localized features of the Print Facility are as follows:

- Printing local language documents to DEC supported/recommended local language printers, terminals and document files
- Page size and page layout setting
- Vertical printing and localized CPS printer can be setup

Job Services

Job Services functions provide users the ability to perform operations on their jobs in print, batch and server queues. Using the multiple select indexing capability, users can get information on jobs, deleting jobs, editing their attributes and restarting currently executing jobs. Local language interface is provided in all Job Services functions.

Index Select

This feature enables users to work on an index of items, select multiple index and enter options directly without returning to a menu after each option.

In localized ALL−IN−1, individual indexed mail messages and documents may contain local language characters as they are created.

Day Of The Week

The day of the week is displayed in the local language as part of the system date in all menus/screens.

Constraints

The following features are NOT supported by ALL−IN−1/Hanyu:

- Addition of another language variant
- Co-existence with another copy of standard ALL−IN−1 V3.2
- Support of customization of 132 column screen
- Invoking FMS/Hanyu under batch run mode
- Support of Multinational Character Set (MCS)

CDA Converter, ALL−IN−1 PC Server and other standard ALL−IN−1 features not mentioned above support ASCII data only.

For details of ALL−IN−1 V3.2 standard features, refer to ALL−IN−1 V3.2 SPD (27.30.10).

PUBLICATIONS

In addition to the standard ALL−IN−1 documentation set, the ALL−IN−1/Hanyu documentation set includes the following:

In the local language:

- *ALL−IN−1/Hanyu User's Guide (same as V3.0)*

In English:

- *ALL−IN−1/Hanyu Software Product Description*
- *ALL−IN−1/Hanyu Software Support Addendum*
- *ALL−IN−1/Hanyu Installation Guide*
- *ALL−IN−1/Hanyu Release Notes*

SOURCE CODE INFORMATION

To facilitate customization, several source code modules are provided on all available distribution media for this product. This source code is provided without warranty of any kind, either expressed or implied.

Note: VAX BLISS-32 Implementation Language is required if .B32, .BLI or .REQ modules are to be used in customization.

INSTALLATION

Only experienced customers should attempt installation of this product. DIGITAL recommends that all other customers purchase DIGITAL's Installation Services. These services provide for installation of the software product by an experienced DIGITAL software specialist.

Updating from previous versions and co-existent versions.

Customers may upgrade from ALL−IN−1/Hanyu V3.0 or ALL−IN−1 V3.1 (not the localized version as there was no localized version for V3.1). Upgrading from any other version is not supported.

ALL−IN−1/Hanyu V3.2 does not support co-existent systems i.e. earlier versions of ALL−IN−1/Hanyu (or ALL−IN−1) and ALL−IN−1/Hanyu V3.2 may not co-reside on the same CPU, VAXcluster or VMScluster.

HARDWARE REQUIREMENTS

Processors Supported

Alpha: All Alpha Processors and workstation supporting OpenVMS/Hanyu will support ALL−IN−1/Hanyu.

Note : Recommended minimum memory size is 64MB.

VAX: All VAX processors are supported with the exception of

MicroVAX : MicroVAXI
VAXstation: VAXstation I, VAXstation 8000
VAX-11/725, VAX-11/730, VAX-11/750,
VAX-11/782

Note : Recommended minimum memory size for supported VAX systems is 32MB.

No VAXservers of any type or model are supported as they do not support interactive operations essential for system management

Processor Restrictions:

ALL−IN−1/Hanyu does not support diskless satellite systems in Ethernet and mixed interconnect clusters.

The amount of memory, processors and disk drives required by the supported CPUs to run ALL−IN−1 IOS is dependent on the number of simultaneous users. This information is being updated on a continuing basis. Contact your local Digital office for specific details.

For details of terminals and printers, please refer to OpenVMS/Hanyu SPD 25.G6.xx.

DISK SPACE REQUIREMENTS

Please refer to the ALL−IN−1/Hanyu V3.2 Installation Guide for disk space requirements.

OPTIONAL HARDWARE

Any device supported by the prerequisite software.

CLUSTER ENVIRONMENT

This layered product is fully supported when installed on any valid and license VAXcluster* or VMScluster* configuration within the limits of the appropriate SPD. This includes VAX only, Alpha only and mixed Alpha and VAXclusters.

* VAXcluster configurations are fully described in the VAXcluster Software for OpenVMS V6.1 (SPD 29.78). The VMScluster Software V1.5 for OpenVMS Alpha (SPD 42.18) describes VMScluster configurations for OpenVMS Alpha systems and mixed architecture clusters.

WARNING: *Whether a cluster consists of just VAX or just Alpha systems or a mixture of VAX and Alpha systems, all nodes running ALL−IN−1/Hanyu within the cluster must refer to a single and common set of "OA$" logical definitions and a single and common SYSUAF file.*

SOFTWARE REQUIREMENTS

On VAX:

- OpenVMS/Hanyu VAX V6.1
- DECnet-VAX end-node V5.5
- VAX CFMS/Hanyu V2.3 (included with the ALL−IN−1/Hanyu kit)

On Alpha:

- OpenVMS/Hanyu Alpha V6.1
- DECnet V1.5 for OpenVMS Alpha

- DEC FMS/Hanyu V2.4* (included with the ALL−IN−1/Hanyu kit)

* This product cannot be ordered separately as this product is not available for customers.

OpenVMS Tailoring

For OpenVMS/Hanyu V6.1 systems, the following classes of OpenVMS are required for full functionality of this layered product:

- Network Support
- Programming Support
- System Programming Support
- Secure User's Environment
- Utilities
- Bliss Required Files

For more information of OpenVMS classes and tailoring, refer to the OpenVMS VAX SPD (25.01.xx) AND OpenVMS Alpha SPD (41.87.xx).

OPTIONAL SOFTWARE

Optional software packaged with ALL−IN−1/Hanyu:

- VAX Message Router V3.3a. Not available on OpenVMS Alpha
- VAX Message Router OpenVMS Gateway V3.3.
- DEC Notes V2.5 for OpenVMS.

Optional local language software that can be integrated with ALL−IN−1/Hanyu:

On VAX:

- VAX RALLY/Hanyu V2.1

Known Restrictions

Please refer to the standard ALL−IN−1 V3.2 SPD (27.30.10).

GROWTH CONSIDERATIONS

The Minimum hardware and software requirements for any future versions of this product may be different from the minimum hardware and software requirements for the current version.

DISTRIBUTION MEDIA

On VAX:
9-track 1600 BPI Magtape (PE)
TK50 Streaming Tape

On Alpha:
CD ROM

ORDERING INFORMATION

ALL−IN−1/Hanyu for OpenVMS Alpha V3.2

Software Licenses:	QL-2XC3*-**
	QL-AAA3*-**
Software Media:	QA-2XC3A-H8
Software Documentation:	QA-AAA3A-GZ
Software Product Services:	QT-2XC3*-**

ALL−IN−1/Hanyu for OpenVMS VAX V3.2

Software Licenses:	QL-AAA3*-**
Software Media:	QA-AAA3A-**
Software Documentation:	QA-AAA3A-GZ
Software Product Services:	QT-AAA3*-**

* Denotes variant fields

For additional information on available licenses, services and media, refer to the appropriate price book. The above information is valid at the time of release.

Please contact your local DIGITAL office for the most up-to-date information.

SOFTWARE LICENSING

This software is furnished under the licensing provisions of DIGITAL's Standard Terms and Conditions of Sales. For more information about DIGITAL's licensing terms and policies, contact your local DIGITAL office.

LICENSE MANAGEMENT FACILITY SUPPORT

This layered product supports the OpenVMS License Management Facility. License units for this product are allocated on either a CPU-capacity or User basis.

For more information on the License Management Facility, refer to the OpenVMS Operating System Software Product Description (SPD 25.01.xx) or the OpenVMS Operating System documentation set.

SOFTWARE PRODUCT SERVICES

A variety of service options are available from DIGITAL. For more information, contact your local DIGITAL office.

SOFTWARE WARRANTY

Warranty for this software product is provided by DIGITAL with the purchase of a license for the product as defined in the Software Warranty Addendum of this SPD.