System Support Addendum

PRODUCT NAME: ALL-IN-1 STARTER, Version 2.4 **SSA 25.D9.01-A**

HARDWARE REQUIREMENTS

Processors Supported

VAX: VAXft 3000-310,
VAX 4000 Model 300,
VAX 6000 Model 200 Series,
VAX 6000 Model 300 Series,
VAX 6000 Model 400 Series,
VAX 6000 Model 500 Series

VAX 8200, VAX 8250, VAX 8300, VAX 8350,
VAX 8500, VAX 8530, VAX 8550, VAX 8600,
VAX 8650, VAX 8700, VAX 8800, VAX 8810,
VAX 8820, VAX 8830, VAX 8840,
VAX 9000-210, VAX 9000-410

VAX-11/750, VAX-11/780, VAX-11/785

MicroVAX: MicroVAX II, MicroVAX 2000,
MicroVAX 3100, MicroVAX 3300,
MicroVAX 3400, MicroVAX 3500,
MicroVAX 3600, MicroVAX 3800,
MicroVAX 3900

VAXstation: VAXstation II, VAXstation 2000,
VAXstation 3100 Series, VAXstation 3200,
VAXstation 3500, VAXstation 3520,
VAXstation 3540

Processors Not Supported

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

VAXserver processors

Processor Restriction

A TK50 Tape Drive is required for standalone MicroVAX 2000 and VAXstation 2000 systems.

ALL-IN-1 STARTER does not support diskless satellite systems in Ethernet and mixed interconnect clusters.

The following processors are recommended for base memory configurations. The actual amount of memory required is dependent on the number of simultaneous users. This information is being updated on a continuing basis. If any of the supported processors are not on this list, consult with your local Digital office.

Processor	No. of Processors	Minimum Memory MB	Disk Drives
MicroVAX 2000*	1	14	2
MicroVAX II	1	16	2
MicroVAX 3100	1	8	3
VAX 8250	1	16	2
VAX 8350	2	24	2
MicroVAX 3300/3400	1	28	3
MicroVAX 3500/3600	1	32	4
VAX 6210	1	32	4
MicroVAX 3800	1	48	4
MicroVAX 3900	1	48	2
VAX 6310	1	64	4
VAX 8530	1	48	4
VAX 6220	2	64	4
VAX 8810	1	48	4
VAX 6230	3	128	5
VAX 6320	2	128	5
VAX 8820	2	96	6
VAX 6240	4	128	6
VAX 6330	3	128	7
VAX 8830	3	128	8
VAX 6340	4	128	8
VAX 6350	5	192	9
VAX 8840	4	128	9

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November 1990
AE-MT89B-TE

Processor	No. of Processors	Minimum Memory MB	Disk Drives
VAX 6360	6	192	10
VAX 6000-410	1	64	4
VAX 6000-420	2	128	6
VAX 6000-430	3	192	8
VAX 6000-440	4	192	10
VAX 6000-450	5	192	12

* VAXstation 2000 - The minimum configuration to run ALL-IN-1 STARTER Version 2.4 in stand-alone mode is 14MB of memory with a TK50 expansion box and RD54s. A 6MB system is suitable if running in a cluster.

Other Hardware

The following terminals are supported for text:

- VT100 series (VT100, VT100W, VT101, VT102, VT125) or terminals in VT100 emulation mode* (DECmate, Rainbow, Professional)
- VT200 series (VT220, VT240, VT241)
- VT300 series (VT320, VT330, VT340)
- VT420 Text Video Terminal
- VT1000 in VT300 emulation mode or via DECwindows DECterm mode
- VAXmate in VT200 emulation mode
- VAXstation Series
- The following IBM® terminal keyboards on CUT mode terminals are supported using the CMX04 option card:

  122 Key Typewriter (native mode)
  122/104 Key Typewriter (emulation mode)
  102 Key Typewriter
  87 Key Typewriter

- The following processors are supported in VT220 emulation mode:

  DECstation 200
  DECstation 210
  DECstation 300
  DECstation 316
  DECstation 320
  DECstation 350

* WPS-PLUS supports only those terminals with Advanced Video Option (AVO). It does not support the VT100 without AVO, VT131, DECmate I, or WS78.

Technical Character Set Support:

- VT220, VT300 series terminals
- VAXstation II - supported in VT220 emulator mode
- DECmate II or DECmate III, with DECmate/WPS (minimum V2.1) software (in CX mode)
- VAXmate

Printers:

Personal:	LA50
	LA70
	LA75
	LQP03 (Optional Sheet Feeder also supported)
Shared:	LA100-PC
	LA210
	LN03 (Optional Sheet Feeder also supported)
	LN03 PLUS (Optional Sheet Feeder also supported)
	LN03R (Supported via the ANSI translator; no Sheetfeeder Support)
	LQP02 (Optional Sheet Feeder also supported)
	LQP45 (Optional Sheet Feeder also supported)
	QUME Wide Track Printer
	LJ250
Departmental:	LP11
	DEClaser 2000 series
	PrintServer 40 (LPS40) - Supported via the ANSI translator
	PrintServer 20 (LPS20) - Supported via the ANSI Translator

Notes:

The LG31 can be operated in fallback mode only using the LQP45 printer tables.

The LA324 can be operated using the LJ250 printer tables.

The LA70 can be operated using the LA75 printer tables.

Block Space Requirements (Block Cluster Size = 1):

Entire installation placed on the system disk:

With WPS-PLUS:

Transient space 74,000 + number of shared directories x 1000 (75,000 minimum). Permanent space 65,200 + space required for shared directories.

Without WPS-PLUS:

Transient space 63,000 + number of shared directories x 1000 (64,000 minimum). Permanent space 54,500 + space required for shared directories.

Installation divided on separate disks:

With WPS-PLUS:

	Transient Space	Permanent Space
Library files	39,000	31,200
Data files	5,000	3,000
Language files	28,000	25,000
SDAF	1,000	1,000
Accounts	1,000	1,000
Shared directories	1,000 each	*

Without WPS-PLUS

	Transient Space	Permanent Space
Library files	33,000	26,500
Data files:	4,000	3,000
Language files	24,000	22,000
SDAF	1,000	1,000
Accounts	1,000	1,000
Shared directories	1,000 each	*

NON-SAFETY MODE installation (Permanent space is the same for safety installation):

With WPS-PLUS:

	Transient Space	Permanent Space
System Disk	15,000	4,000 *

Without WPS-PLUS:

	Transient Space	Permanent Space
System Disk	15,000	3,500 *

* Space depends on the number and content of the directories.

Additional space of approximately 1,000 blocks will be required on multi-lingual systems.

The installation will run in SAFETY-MODE if there are approximately 75,000 blocks free on the system disk.

All sizes are approximations; actual sizes may vary depending on the users system environment, configuration and software options selected.

OPTIONAL HARDWARE

ALL-IN-1 supports any mass storage, unit record, terminal, or printer device supported by the prerequisite software.

The autodial feature of the Communications application supports the following modems:

Digital Equipment DF02-AC
Digital Equipment DF03-AC
Digital Equipment DF100 series modems
Case 440/12
Racal-Milgo MPS1222-AD
Racal-Milgo MPS1222 with Racal-Vadic VA811

Note: The availability of these product options may vary by country. Customers should contact their local Digital office for information or availability.

CLUSTER ENVIRONMENT

ALL-IN-1 STARTER is fully supported when installed on any valid and licensed VAXcluster* configuration without restrictions. The *HARDWARE REQUIREMENTS* sections of this product's Software Product Description and System Support Addendum detail any special hardware required by this product.

* V5.x VAXcluster configurations are fully described in the VAXcluster Software Product Description (SPD 29.78.xx) and include CI, Ethernet, and Mixed Interconnect configurations.

SOFTWARE REQUIREMENTS

- VMS Operating System V5.1 - V5.4 (DECwindows must be installed for CDA usage.)
- DECnet-VAX V5.1 - V5.4 is required for multinode support.

- VAX FMS V2.4 (included with the ALL-IN-1 Kit)
- CDA Converter Library for VMS V1.1 (included with the ALL-IN-1 STARTER Kit - required for CDA support)

The following chart shows the necessary version levels of software required with the underlying VMS Operating System.

Software	VMS V5.1	VMS V5.2	VMS V5.3	VMS V5.4
ALL-IN-1 STARTER V2.4	Yes	Yes	Yes	Yes
DECwindows/CDA base V1.0	Yes	Yes	No	No
V2.0	No	No	Yes	Yes
CDA Converter Library V1.0	Yes	Yes	Yes	Yes
CDA Converter Library V1.1	No	No	Yes	Yes
CDA PATCH	No	No	Yes	No
VAX Message Router V3.1	Yes	Yes	Yes	Yes
Message Router VMS Gateway V3.1	Yes	Yes	Yes	Yes
ALL-IN-1 MAIL - VT V1.0	No	Yes	Yes	
ALL-IN-1 MAIL - DECwindows V1.0	No	No	Yes	
ALL-IN-1 MAIL - DOS V1.0	No	Yes	Yes	
ALL-IN-1 DESKTOP Server for VMS V1.0	Yes	Yes	Yes	

ALL-IN-1 STARTER provides an interface to the CDA support on a VMS system. The level of CDA support via ALL-IN-1 STARTER is entirely dependent on the level of CDA support on the VMS system.

Note: ALL-IN-1 and ALL-IN-1 STARTER cannot coexist on the same system.

VMS V5.1

VMS has no built-in CDA support.

DECwindows (separate kit) must be installed to get basic CDA support.

DECwrite is required to have DECwrite style files.

DECchart is required to have DECchart style files.

CDA Converter Library for VMS V1.0 can be installed to provide additional CDA front-ends and back-ends (required for conversions to/from DX/WPS-PLUS).

VMS V5.2

VMS has basic CDA support for DDIF, TEXT and PS.

DECwindows must be installed to use CDA.

DECwrite is required to have DECwrite style files.

DECchart is required to have DECchart style files.

CDA Converter Library for VMS V1.0 can be installed to provide additional CDA front-ends and back-ends (required for conversions to/from DX/WPS-PLUS).

VMS V5.3

VMS has basic CDA support for DDIF, TEXT and PS.

DECwindows must be installed to use CDA.

DECwrite is required to have DECwrite style files.

DECchart is required to have DECchart style files.

CDA Converter Library for VMS V1.0 can be installed to provide additional CDA front-ends and back-ends (required for conversions to/from DX/WPS-PLUS).

VMS V5.4

VMS has basic CDA support for DDIF, TEXT and PS.

DECwindows must be installed to use CDA.

DECwrite is required to have DECwrite style files.

DECchart is required to have DECchart style files.

CDA Converter Library for VMS V1.0 can be installed to provide additional CDA front-ends and back-ends (required for conversions to/from DX/WPS-PLUS).

VMS Tailoring

For VMS V5.x systems, the following classes of VMS 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 on VMS classes and tailoring, refer to the VMS Operating System Software Product Description (SPD 25.01.xx).

Country Specific Software

At this time, only U.S. English is available. Please contact your Digital office for the latest information on other language versions and for details of supported multilingual configurations.

- Within the U.S. product, an auto-dial/re-dial facility is provided.
- Within the U.S. product, the following WPS-PLUS functionality is available:
  - — A spelling verifier and corrector with a spelling database of over 80,000 words which can be used in conjunction with up to 12,000 additional user-specific words.
  - — Usage alert which provides brief definitions of easily confused words, such as ‘‘effect’’ and ‘‘affect’’ or ‘‘guarantee’’and ‘‘guaranty’’.
  - — Electronic thesaurus, based on the Houghton Mifflin *Roget’s II: The New Thesaurus* which allows users to obtain synonyms, including inflections (ie., -ed, -ing, -ly) and short definitions based on parts of speech for a selected word.

OPTIONAL SOFTWARE

- VAX Message Router V3.1 (included with the ALL-IN-1 STARTER Kit)

  Message Router VMS Gateway V3.1 (included with the ALL-IN-1 STARTER Kit)
- DECdx/VMS V1.2

  Note: DECdx/VMS is only required to allow users to transfer DX documents between Digital’s mainframes (in conjunction with DECdx/RSTS, DECdx/RSX and DECdx/TOPS-20).
- DECpage V3.1
- VAX Language and Specialized Lexicons V2.0:

  British Lexicon V2.0
  Deutsch Lexicon V2.0
  Francais Lexicon V2.0
  American Medical Lexicon V2.0
  American Business Lexicon V2.0
- VAX Grammar Checker V1.0

GROWTH CONSIDERATIONS

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

DISTRIBUTION MEDIA

Tape: 9-Track 1600 BPI Magtape, TK50 Tape Cartridge

This product is also available as part of the VMS Consolidated Software Distribution on CDROM.

ORDERING INFORMATION

Software Licenses: QL-VNNA*-**
Software Media: QA-VNNA*-**
Complete Documentation Kit: QA-VNNAA-GZ
Software Product Services: QT-VNNA*-**

* Denotes variant fields. For additional information on available licenses, services and media, refer to the appropriate price book.

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