Software Product Description

PRODUCT NAME: DEC ACA Services Advanced Development Kit I, Version 1.0 **SPD 47.08.00**

DESCRIPTION

DEC ACA Services Advanced Development Kit I offers enhancements to Digital's ACA Services software products. The ACA Services Advanced Development Kit I is intended to provide new prototype functionality to ACA customers.

The ACA Services Advanced Development Kit I consists of two separately licensed kits. These two kits provide maximum flexibility in configuring the desktop environment on five platforms. These kits are:

- ACA Services Advanced Development Kit I for Microsoft Windows, which includes desktop extensions for simplified desktop application invocation and an interface to facilitate application development of Visual Basic applications using ACA services.
- ACA Services Advanced Development Kit I for UNIX Systems (ULTRIX, HP-UX, IBM AIX, and SunOS) which includes simplified desktop application invocation.

The functionality provided in the ACA Services Advanced Development Kit I includes:

- Desktop extensions provide users with a common, iconic desktop interface to network and legacy applications. Users can launch an application in this desktop environment by clicking on an icon that represents the application. The system integrator can define new applications for this desktop environment. The applications can reside on any node in the network that is running ACA Services.

  The application can run on the user's computer or on another computer connected by the network to the user's computer. ACA Services takes care of the remote application launching.

  The X-11 transport is used to display the application interface on the user's workstation. If the legacy application is not an X-11/Motif application, the system integrator can define the application to be invoked as a terminal window (Xterm) that displays character-cell output on the users workstation.

  The desktop extensions provide support for two desktop managers:

  1. X.desktop from IXI Limited. This desktop manager is Motif-based and is used in the ACA Services Advanced Development Kit I for UNIX Systems.
  2. Windows V3.1 from Microsoft. This is the window manager that is part of the Windows Version 3.1 release.

  For each desktop manager, the ACA desktop extensions package provides the necessary functionality to add, remove, or modify applications within the native environment. Each application is represented by an icon on the screen. Clicking an icon lauches an ACA application. This application communicates with an ACA server on another node to run the application specified by the ACA application definition.

- Visual Basic extensions, which consist of a Microsoft Windows dynamic link library (DLL) that is an interface from Visual Basic into the ACA Services Run-Time Library. This interface allows a Visual Basic programmer to develop an ACA application in the Visual Basic environment.

  The Visual Basic extensions for ACA Services are implemented as a special dynamic-link library (DLL) in the Microsoft Windows environment. The user writes an application using Visual Basic. That application uses ACA functionality by calling the ACA/Visual Basic API, which is contained in the ADK/Visual Basic DLL. This DLL, in turn, calls the ACA Services DLL.

HARDWARE REQUIREMENTS

ACA Services Advanced Development Kit I:

ADK Platform:	Hardware:
Microsoft Windows	IBM PC or Compatible
ULTRIX	DECstation MIPS Series
Sun	SunSPARC Station
HP-UX	HP 9000/700 Series
IBM AIX	IBM RS6000 Series

Disk Space Requirements:

ADK Platform:	Minimum Disk Space Required:
ULTRIX	9.4mb
SunOS	1.6mb
HP-UX	1.4mb
IBM AIX	1.5mb
Microsoft Windows	2.4mb (Full) 1.0mb (Visual Basic only)

SOFTWARE REQUIREMENTS

- ACA Services Advanced Development Kit I for Microsoft Windows:

  ACA Services for Microsoft Windows, Version 2.1

  Other prerequisites are based on your development needs:

  Running the Visual Basic API requires Visual Basic, Version 1.0

  Running the desktop extensions on your PC requires all of the following:

  — eXcursion Version 1.1 on your personal computer

  — Digital Recommends that you run the following requirements on an ULTRIX system, on the same network as your personal computer:

  ACA Services for ULTRIX, Version 2.1

  ADK I for UNIX systems, Version 1.0 (ULTRIX is most convenient)

  PATHWORKS, Version 1.2 running on ULTRIX node to enable the Microsoft Windows system to mount the shared desktop area.

  You also need to run one of the following based on your network protocol:

  — PATHWORKS for DOS V4.1 for DECnet communications protocol

  — PATHWORKS for DOS (TCP/IP) Version 2.10 for TCP/IP communications protocol

- ACA Services Advanced Development Kit I for UNIX Systems (SunOS, HP-UX, IBM AIX, ULTRIX)

  X.Desktop, Version 3.5

  And one of the following depending on the ADK platform you license:

  — ACA Services for Sun SPARCstations, Version 2.1 & DECWindows Motif for the Sun SPARCstation, Version 1.0

  — ACA Services for HP-UX, Version 2.1

  — ACA Services for IBM AIX, Version 2.1

  — ACA Services for ULTRIX, Version 2.1

OPTIONAL SOFTWARE

ACA Services development and run-time licenses for the following platforms can be used in conjunction with this product.

DEC ACA Services for ULTRIX, V2.1
DEC ACA Services for OpenVMS, V2.1
DEC ACA Services for OpenVMS AXP, V2.1
DEC ACA Services for Microsoft Windows, V2.1
DEC ACA Services for Sun SPARCcstations, V2.1
DEC ACA Services for Macintosh, V2.1
DEC ACA Services for HP-UX, V2.1
DEC ACA Services for IBM AIX, V2.1
DEC ACA Services for OSF/1 AXP, V2.1

GROWTH CONSIDERATIONS

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

DISTRIBUTION MEDIA

ADK I for Microsoft Windows: RX23, RX33

ADK I for UNIX Systems:

Sun SPARCstation	QIC tape
IBM AIX	QIC tape
HP-UX	DAT tape
ULTRIX	TK50

ORDERING INFORMATION

ADK I for Microsoft Windows:

Software Licenses: QL-0UPA9-AA
Software media, documentation, and license: QB-0V3AA-SA

ADK I for UNIX Systems:

Software Licenses: QL-0UPA9-AA
Software media and documentation: QA-0UPAA-HW

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