Software Product Description

PRODUCT NAME: HP TP Web Connector V1.3   SPD 64.97.08

DESCRIPTION

The HP TP Web Connector is software that web enables business applications running on HP ACMS.

Features

- Provides the developer with common interfaces to ACMS applications.

- Presents ACMS tasks to the developer as either:

  — Automation objects for access from server side scripts (for example: VBScript, JScript).

  — Callable procedures for access from C or C++ applications (for example: ISAPI).

  — Java objects for access from Java Servlets in web servers

- Converts C, Automation, and Java data types on Windows NT, Windows 2000 and Windows XP Professional to OpenVMS data types as required by ACMS applications.

- Includes a TP Web Connector gateway that communicates with the ACMS Execution Controllers.

Application Development Environment

On the client development system, the STDL compiler is used to process the STDL source files and to produce both support software that facilitates client program development and the correct type of stub for the client program. The STDL source files are generated by the ACMS ADU compiler that is supplied with the ACMS product.

Runtime System

The TP Web Connector runtime system uses ACMS RPC to communicate with tasks on ACMS systems.

The TP Web Connector includes the TP Web Connector gateway. The TP Web Connector gateway executes on OpenVMS systems and allows the TP Web Connector to call ACMS tasks.

Management Interface

The TP Web Connector provides a graphical user interface to manage the parameters required for communications with tasks running on the TP systems.

Documentation

The TP Web Connector provides the following documentation:

- *Getting Started*—describes how to build and manage web applications and MTS applications that use the Automation, C language, or Java interfaces.

- *Installation Guide*— provides information about installing the TP Web Connector product.

- *STDL online help*—provides reference topics on X/Open STDL syntax.

- *Management GUI online help*—describes the management tabs that the Management GUI provides for managing the TP Web Connector.

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- *Client Build GUI online help*—describes a graphical user interface that makes it easier to create Automation and C clients.

- *Release Notes*—contains information specific to this release and information added after the production date for the other product documents.

HARDWARE REQUIREMENTS

The TP Web Connector is supported on X86 systems that can run the Windows NT, Windows 2000, or Windows XP Professional operating system.

The TP Web Connector includes software that executes on OpenVMS systems to support the development and execution of web applications that invoke ACMS tasks. This software is supported on:

- All Alpha hardware configurations that run OpenVMS Version 6.2, 7.2-2, 7.3-1, 7.3-2

- All VAX hardware configurations that run OpenVMS Version 6.2, 7.2, or 7.3

Refer to the Systems Supported section in the OpenVMS Operating System for Alpha and VAX Software Product Description (SPD 25.01.xx) for lists of Alpha and VAX systems that are supported.

Disk Space Requirements

On Windows NT, Windows 2000, or Windows XP Professional client, the required disk space is dependent on the options installed:

	X86 System
Development system	4.2 MB
Runtime system	1.5 MB

The counts for Windows NT, Windows 2000, and Windows XP Professional refer to the disk space required on the disk on which TP Web Connector is installed. The sizes are approximate; actual sizes may vary depending on the user's system environment, configuration, and software options.

For the OpenVMS backend server, the required disk space is dependent on the options installed:

	VAX	Alpha
TP Web Connector gateway	514 blocks	821 blocks
Samples	33 blocks	33 blocks

The counts for OpenVMS refer to the disk space required on the system disk. The sizes are approximate; actual sizes may vary depending on the user's system environment, configuration, and software options.

SOFTWARE REQUIREMENTS

TP Web Connector with ACMS

Software required on all Windows NT, Windows 2000, or Windows XP Professional systems that are running TP Web Connector and calling ACMS tasks:

- One of the following Windows operating systems:
  - Windows NT Workstation Version 4.0 with Service Pack 4 or higher
  - Windows NT Server Version 4.0 with Service Pack 4 or higher
  - Windows NT Server Enterprise Edition Version 4.0 with Service Pack 4 or higher
  - Windows 2000 Service Pack 2 or higher
  - Windows XP Professional

- If using the Java interface, one of the following environments:
  - Sun Microsystems Java Development Kit (JDK) Java 2 Version 1.2.2 or 1.3
  - Java Visual J++ 6.0

- If used with a web server:
  - Microsoft Internet Information Server (IIS)

Additional software is required on all Windows NT systems that are used for development with the TP Web Connector:

- Microsoft Visual C++ Version 6.0

To use the TP Web Connector, appropriate versions of ACMS software and the OpenVMS operating system software are required on the OpenVMS system. See the following table for the supported versions of ACMS for each version of OpenVMS:

OpenVMS	ACMS
Alpha V6.2	V4.3, V4.4B, V4.5
Alpha V7.2-2	V4.3, V4.4B
Alpha 7.3-1	V4.3, V4.4B, V4.5
Alpha 7.3-2	V4.4B, V4.5
VAX V6.2	V4.3, V4.4A, V4.5
VAX V7.2	V4.3, V4.4A, V4.5
VAX V7.3	V4.3, V4.4A, V4.5

- Systems used to extract STDL definitions for ACMS tasks that will be called from the TP Web Connector (if ACMS tasks are to be called) require the ACMS Development kit.

- If ACMS tasks are to be invoked, at least one node of the network requires the ACMS Development kit or Runtime kit.

- Systems used to execute the TP Web Connector gateway (if ACMS tasks are to be called) require supported versions of the OpenVMS operating system and networking software as follows:

  — TCP/IP Services for OpenVMS. See the following table for supported versions of TCP/IP Services for each version of OpenVMS:

OpenVMS	TCP/IP Services
Alpha V6.2	V4.2
Alpha V7.2-2	V5.1
Alpha 7.3-1	V5.3
Alpha 7.3-2	V5.4
VAX V6.2	V4.2
VAX V7.2	V5.1
VAX V7.3	V5.1

  — If the ACMS tasks are executing on a different system from the TP Web Connector gateway, an appropriate version of DECnet must be running on that system. See the following table for supported versions of DECnet and DECnet-Plus for each version of OpenVMS:

OpenVMS	DECnet	DECnet-Plus[1]
Alpha V6.2	V6.2	V6.3
Alpha V7.2-2	V7.2	V7.2-1
Alpha V7.3-1	7.3-1	7.3-1
Alpha V7.3-2	7.3-2	7.3-2
VAX V6.2	V6.2	V6.3
VAX V7.2	V7.2	V7.2
VAX V7.3	V7.3	V7.3

[1] When using DECnet-Plus, the Transport Layer must be configured to use the Network Services Protocol (NSP), as ACMS restricts node names to a maximum of six characters.

SOFTWARE LICENSING INFORMATION

This software is furnished only under a license. For more information about HP's licensing terms and policies, contact your local HP office.

OPTIONAL SOFTWARE

If using the Automation interface, any desktop tool or Microsoft Office product that supports Automation.

If using the Java interface, any Java Integrated Development Environment (IDE) compatible with Sun Microsystems Java Development Kit (JDK) Java 2 Version 1.2-2 or 1.3 or Microsoft Visual J++ Version 6.0.

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

This product can be downloaded from the TP Web Connector page on the HP website www.hp.com.

SOFTWARE WARRANTY

This software is provided by HP with a 90 day conformance warranty in accordance with the HP warranty terms applicable to the license purchase.

ORDERING INFORMATION

A valid ACMS product license provides the right to use the TP Web Connector product. A separate license is not required. The media and documentation is only available by internet download.

SOFTWARE PRODUCT SERVICES

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

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