

Entire Net-Work

Release Notes

Version 7.3.3 (2009-11-06)

November 2009

This document applies to Entire Net-Work Version 7.3.3 (2009-11-06) and to all subsequent releases.

Specifications contained herein are subject to change and these changes will be reported in subsequent release notes or new editions.

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1 Release Notes

This document provides release notes for Entire Net-Work 7.3.3 release. It is organized as follows:

• <i>Prerequisites</i>	Describes the prerequisites for Entire Net-Work 7.3.
• <i>Entire Net-Work 7.3.3 Enhancements</i>	Describes the enhancements made to Entire Net-Work in Version 7.3.3.
• <i>Entire Net-Work 7.3.2 Enhancements</i>	Describes the enhancements made to Entire Net-Work in Version 7.3.2.
• <i>Entire Net-Work 7.3.1.1 Enhancements</i>	Describes the enhancements made to Entire Net-Work in Version 7.3.1.1.
• <i>Entire Net-Work 7.3.1 Enhancements</i>	Describes the enhancements made to Entire Net-Work in Version 7.3.1.
• <i>OpenVMS Considerations</i>	<p>Provides information specific to OpenVMS users who are new to Entire Net-Work 7.</p> <p>Note: OpenVMS support is provided in Entire Net-Work 7.3.2 and Entire Net-Work Client 1.2.3, but might not yet be supported in Entire Net-Work 7.3.3 and Entire Net-Work Client 1.3.1. Contact your Software AG support representative for additional information on OpenVMS support.</p>
• <i>Dropped Features</i>	Describes features that have been dropped in this version of Entire Net-Work.
• <i>Entire Net-Work 7 Compatibility</i>	Describes compatibility issues between Entire Net-Work 7 and other products.
• <i>Support for Earlier Versions</i>	Describes the support plans for prior Entire Net-Work releases.
• <i>Migration Considerations</i>	Lists things to consider when migrating from earlier releases of Entire Net-Work
• <i>Documentation</i>	Describes the Entire Net-Work documentation.

2 Prerequisites

Prerequisites for Entire Net-Work 7 are described in *Platform Coverage and Prerequisites* in the *Entire Net-Work Installation*.

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Entire Net-Work 7.3.3 Enhancements

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This chapter describes the enhancements that have been made to the 7.3.3 release of Entire Net-Work.

Windows Vista Support

This version of the Entire Net-Work introduces support for Windows Vista platforms. Entire Net-Work can now be installed and managed in Windows Vista environments.

Installation Directory Reorganization

For consistency, the installation directories of this version of Entire Net-Work have been reorganized on any platform so that they mirror the organization required and established on Windows Vista platforms. In past releases, the code and data of a Entire Net-Work installation were intermixed in the installation directories. In parallel with the Windows Vista installation requirements, the code and data of an Entire Net-Work installation are now separated into separate subdirectories -- regardless of the platform on which you install Entire Net-Work.

While this has no affect on the migration of your Entire Net-Work configuration to Entire Net-Work 7.3.3 (during installation the files are reorganized automatically), it does impact where you can find your configuration and log files. Entire Net-Work executable and library files (the code files) are still stored in the following locations:

- In Windows environments: `Program Files\Software AG\Entire Net-Work Server\vnn`, where *nn* is the release number
- In UNIX environments: `$SAG\wcp\vnn`, where *nn* is the release number.

However, data files (including configuration and log files) are stored in the following locations:

- In Windows XP environments (up to XP Server 2003): `Documents and Settings\All Users\Application Data\Software AG\Entire Net-Work Server\`
- In Windows Vista environments: `ProgramData\Software AG\Entire Net-Work Server\`
- In UNIX environments: `$SAG\wcp\.`

Failover Directory Servers

This version of Entire Net-Work supports Software AG Directory Server 5.3, which introduces the ability to set up a failover Directory Server. This is a useful new feature you can use to ensure that if one Directory Server goes down, a second Directory Server automatically runs in its place. Both Directory Servers use the same configuration file and share a network alias name. Directory Server clients (machines that will make use of the Directory Server, such as Entire Net-Work or Tamino) refer to the pair of Directory Servers via their shared network alias name.

For more information about the use and configuration of a failover Directory Server, read *Configuring a Failover Directory Server*, elsewhere in this guide.

New External Security Interface

This version of Entire Net-Work includes Entire Net-Work Client 1.3, which now supplies an External Security Interface (ESI) for ADASAF support. ESI provides access to secured Adabas resources on a z/OS host node. For more information about ESI, read *Accessing Secured z/OS Host Resources*, in the *Entire Net-Work Client Installation and Administration*.

New User Exit Support Around Adabas Calls

This version of Entire Net-Work includes Entire Net-Work Client 1.3, which now allows you to call user exits before and after ACB and ACBX direct calls, if the Adabas interface supports user exits. For more information about these user exits, read *Using ADALNK User Exits*, in the *Entire Net-Work Client Installation and Administration*.

Log File Changes

A number of log file changes have been made in this release of Entire Net-Work:

1. The log file names have been changed for Entire Net-Work servers, Kernels, and clients. The new log file names are described in the following sections:
 - *Starting a New Server Log File* , in the *Entire Net-Work Server Installation and Administration*
 - *Starting a New Kernel Log File* , in the *Entire Net-Work Server Installation and Administration*
 - *Starting a New Entire Net-Work Client Log File* , in the *Entire Net-Work Client Installation and Administration*

2. You can now specify the directory location of your log files for Entire Net-Work servers, Kernels, and clients. For more information, read the following sections:

- *Specifying the Server Log File Location*, in the *Entire Net-Work Server Installation and Administration*
- *Specifying the Kernel Log File Location*, in the *Entire Net-Work Server Installation and Administration*
- *Specifying the Client Log File Location*, in the *Entire Net-Work Client Installation and Administration*

If you want to store your log files on a shared server, read *Directing Log Files to a Shared Server*, in either the *Entire Net-Work Client Installation and Administration* or the *Entire Net-Work Server Installation and Administration*.

Configuration Settings and Environment Variables

Entire Net-Work configuration settings can be made through the System Management Hub. They can be made as environment variables, however Software AG recommends that stop using environment variables for this purpose because the environment variables will not be supported in a future Entire Net-Work release. A complete list of the parameters used for Entire Net-Work configuration is provided in *Entire Net-Work Configuration Parameters*, in the *Entire Net-Work Administration*. Tools supplied with Entire Net-Work that you can use to set these configuration parameters are also described in the same section.

4 Entire Net-Work 7.3.2 Enhancements

The following enhancements have been made to this release of Entire Net-Work:

- Support for various UNIX platforms has been added. For a list of the UNIX environments supported by Entire Net-Work, read *Supported Platforms*, in the *Entire Net-Work Installation*.
- Support for OpenVMS has been added. For a list of the OpenVMS versions supported by Entire Net-Work, read *Supported Platforms*, in the *Entire Net-Work Installation*. In addition, we recommend that you read [OpenVMS Considerations](#), elsewhere in this guide.



Note: OpenVMS support is provided in Entire Net-Work 7.3.2 and Entire Net-Work Client 1.2.3, but might not yet be supported in Entire Net-Work 7.3.3 and Entire Net-Work Client 1.3.1. Contact your Software AG support representative for additional information on OpenVMS support.

- This release includes Directory Server 5.2.1.1, which includes a change in the Directory Server port number behavior.

When Directory Server 5.2.1.0 was released (with products such as Entire Net-Work 7.3.1 and Entire Net-Work Client Client 1.2.1), Directory Server ports set to "0" defaulted to the new IANA port number, 4952. This caused some problems with existing applications that expected port 0 to default to 12731. As a result of these problems, in Software AG Directory Server 5.2.1.1 the default for port 0 has been changed back to 12731, shipment of Directory Server 5.2.1.0 has been discontinued, and new Directory Server installations can no longer use port 0. If you upgrade Software AG products that used Directory Server 5.2.1.0 (such as Entire Net-Work 7.3.1 and Entire Net-Work Client 1.2.1) to newer versions of their software, be aware that the upgrade (or reinstallation) to Directory Server 5.2.1.1 will inherit any port 0 settings from the prior release. In these cases, you will need to manually modify the Directory Server port number to a valid non-zero port number after the upgrade (or reinstallation), as described in *Modifying a Directory Server Link Definition*, in the *Software AG Directory Server Administration*. For more information about port number usage in Entire Net-Work, read *Port Number Reference*, in the *Entire Net-Work Installation*.

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Entire Net-Work 7.3.1.1 Enhancements

The following enhancements have been made to this release of Entire Net-Work:

- You can now specify the path to a location in which you want your Entire Net-Work Client configuration files stored. This path is specified when you add the client configuration. For more information, read *Adding Client Configurations* and *About Client Configurations*, in the *Entire Net-Work Client Installation and Administration*.
- A new Kernel parameter, GATEWAY_THREADS, is now provided for you to use to tune the number of threads available for a network node. For more information, read *Setting Advanced Parameters*, in the *Entire Net-Work Server Installation and Administration*.

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This chapter describes the enhancements that have been made to the 7.3.1 release of Entire Net-Work.

Use of Windows Services

A Windows service is now installed for each copy of Entire Net-Work Server and Entire Net-Work Client you install. These services maintain an access entry for the Software AG Directory Server you elected to use during installation. System Management Hub (SMH) agents installed with Entire Net-Work Server and Entire Net-Work Client use these services to display the Entire Net-Work Server, Kernel, client, and Entire Net-Work 7.2 node entries defined in the Directory Server and allow you to maintain parameters and settings for all.

Only one Entire Net-Work Server and Entire Net-Work Client service can be installed on a given machine. The Entire Net-Work Server service is automatically started when the machine is started. However, the Entire Net-Work Client service may need to be started manually, depending on the startup option that is selected when Entire Net-Work Client is installed.

For more information about the Entire Net-Work Server and Entire Net-Work Client components of Entire Net-Work, read *Components*, in *Entire Net-Work Concepts and Facilities*. For information about the installation and administration of Entire Net-Work Server, read *Entire Net-Work Server Installation and Administration*, in the *Entire Net-Work Server*. For information about the installation and administration of Entire Net-Work Client, read *Entire Net-Work Client Installation and Administration*, in the *Entire Net-Work Client Installation and Administration*.

Simplified Installation

The installation of Entire Net-Work 7.3 has been simplified into two separate installations, one for Entire Net-Work Server and one for Entire Net-Work Client. Separate installation kits are provided for each component. For more information, read *Entire Net-Work Installation*, in the *Entire Net-Work Installation*, paying particular attention to the section entitled *Configuration Considerations*.

Multiple Kernel Definition Support

In past releases of Entire Net-Work, only one Kernel could be defined on a given machine. In this release, multiple Kernels can be defined on a machine. This is useful if you want to use specific Kernels for specific functions; using partitioning and filtering to control how each Kernel is used. Each Kernel definition can have its own partition, filter, database, trace, user exit, and Directory Server settings. For more information about Kernel definitions and parameters, read *Managing Kernels*, in the *Entire Net-Work Server Installation and Administration* as well as *Understanding Partitioning* and *Understanding Filtering*, in the *Entire Net-Work Concepts and Facilities*.

Remote Kernel Configuration Support

Kernel definitions and all of their parameter settings can now be maintained remotely using the System Management Hub (SMH). For more information, read *Managing Kernels*, in the *Entire Net-Work Server Installation and Administration*.

Database Ranges for Kernel Processing

You can now specify the database IDs or a range of database IDs for which a Kernel should or should not process service requests. These specifications can be made using the Kernel definition parameters `ACCEPTED_DBIDS` and `REJECTED_DBIDS`. For more information, read *Setting Basic Parameters*, in the *Entire Net-Work Server Installation and Administration*.

If more than one database ID is needed, you can separate them with commas in the list. If a range of database numbers is needed, separate them with a dash.

Remote Kernel Startup and Shutdown Support

Individual Kernel definitions can now be started up and shut down as required using the System Management Hub (SMH). In past releases, because a single Kernel was installed on a machine, all startup and shutdown requests had to be performed on the machine on which the Kernel was installed. In this release, a single Entire Net-Work Server is installed on a machine, but multiple Kernels can be defined and managed for that Server, using the remote access provided by SMH. In this newer configuration, Kernels can, therefore, be started and stopped remotely using SMH. For more information about starting and stopping Kernels in this release, read *Starting a Kernel* and *Shutting Down a Kernel*, in the *Entire Net-Work Server Installation and Administration*.

Enhanced Kernel Access and Connection Definition Support

All of the access and connection definitions of a Kernel can now be reviewed and maintained using the System Management Hub. In addition, you can dynamically add connection definitions and dynamically connect and disconnect to any connection while a Kernel is running. For more information about the Kernel access definition support, read *Maintaining Access Definitions* and *Reviewing Kernel Access Status*, in the *Entire Net-Work Server Installation and Administration*. For more information about the Kernel connection definition support, read *Maintaining Connection Definitions* and *Reviewing Kernel Outgoing Connection Status*, in the *Entire Net-Work Server Installation and Administration*.

Multiple Client Configuration Support

In past releases of Entire Net-Work Client, only a single client configuration was allowed with each Entire Net-Work Client installed. With this release, you can define multiple client configurations within an Entire Net-Work Client service. Multiple client configurations allow you to control how clients use your network. Each client configuration can have its own partition, filter, database, trace, user exit, and Directory Server settings. In other words, by directing client requests to particular client configurations, you can control which databases are accessible and what trace and user exit settings are used for the client request. For more information about client configuration parameters, read *Entire Net-Work Client Administration*, in the *Entire Net-Work Client Installation and Administration*. For information about using partitioning and filtering, read *Understanding Partitioning* and *Understanding Filtering*, in the *Entire Net-Work Concepts and Facilities*.

Remote Client Configuration Support

Client configurations and all of their parameter settings can now be maintained remotely using the System Management Hub (SMH). For more information, read *Entire Net-Work Client Administration*, in the *Entire Net-Work Client Installation and Administration*.

Adabas 6 and Adabas 8 Support

This release of Entire Net-Work supports networking between Adabas 6 (open systems) and Adabas 8 (mainframes) databases. For complete information about these Adabas products, refer to their documentation sets.

User Exit Support

The user exit support provided in classic Entire Net-Work 2 is now supported in Entire Net-Work 7.3, with some enhancements. In classic Entire Net-Work 2, only one user exit could be specified for the whole network. In Entire Net-Work 7.3, however, a single user exit can be specified for each Entire Net-Work Client configuration and each Entire Net-Work Kernel definition you create.

The user exits you used in Entire Net-Work 2 are still valid and supported by Entire Net-Work 7.3. No user exit code changes are necessary, however, you must rebuild and recompile any existing Entire Net-Work 2 user exits into the Entire Net-Work 7.3 installation library so they will be recognized by Entire Net-Work 7.3.

For more information about the use of user exits in Entire Net-Work 7.3, read *Understanding the User Exit Interface*, in the *Entire Net-Work Client Installation and Administration*

New Fixed IANA Port for Software AG Directory Server

A new IANA port, 4952, has been assigned the Software AG Directory Server.

For more information about port number use in Entire Net-Work, read *Port Number Reference*, in the *Entire Net-Work Installation*.

Dynamic Port Assignments

Port numbers are now dynamically assigned by Entire Net-Work when the Kernel or client is started, as follows:

- Entire Net-Work searches for the first available port starting from port 49152 through 65535. (The starting search port number, 49152, is the IANA-recommended value from which to start.).
- Once an available port number is found, it is assigned to the Kernel or client in its Software AG Directory Server entry.

While defining Entire Net-Work 7.3 Kernels, you can also select a specific port or specify a range or list of port numbers that Entire Net-Work should search during the process in which it dynamically assigns a port to the Kernel.

For more information about port number use in Entire Net-Work, read *Port Number Reference*, in the *Entire Net-Work Installation*.

Entire Net-Work Access and Connection Definitions

In past releases of Entire Net-Work, access and connection definitions were stored in the Software AG Directory Server. However, with this version of Entire Net-Work, these definitions are stored in files in the local installation directories; they are no longer stored in the Directory Server. Thus, once the definitions are defined, your Entire Net-Work connection and access capabilities are not affected if the Directory Server becomes unavailable for some reason.

Entire Net-Work 7.2 Node Support

Entire Net-Work 7.2 nodes are supported in Entire Net-Work 7.3 and can coexist on the same machine. In addition, a migration tool is provided that allows you to migrate an Entire Net-Work 7.2 node to an Entire Net-Work 7.3 Kernel definition.

For complete information on Entire Net-Work 7.2 node support, read *Managing Entire Net-Work 7.2 Nodes*, in the *Entire Net-Work Server Installation and Administration*. For information on converting an Entire Net-Work 7.2 node to an Entire Net-Work 7.3 Kernel definition, read *Migrating a 7.2.x Node*, in the *Entire Net-Work Server Installation and Administration*.

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OpenVMS Considerations



Note: OpenVMS support is provided in Entire Net-Work 7.3.2 and Entire Net-Work Client 1.2.3, but might not yet be supported in Entire Net-Work 7.3.3 and Entire Net-Work Client 1.3.1. Contact your Software AG support representative for additional information on OpenVMS support.

If you are planning to install Entire Net-Work 7.3.2 (and its component products Entire Net-Work Server 7.3.2 and Entire Net-Work Client 1.2.3) on OpenVMS, you must understand the new architecture of Entire Net-Work 7 and how the changes made for this release affect your OpenVMS installation. The architecture of Entire Net-Work has changed drastically from the architecture used by Entire Net-Work version 3 (available on OpenVMS systems only). In addition, the architecture of Entire Net-Work 7 (originally available only for Windows and UNIX systems) changed again somewhat between Entire Net-Work 7.2 and 7.3. Entire Net-Work 7.3.2 now supports OpenVMS platforms, making these architectural changes now available in OpenVMS environments. We therefore recommend that you read the following documentation prior to installing Entire Net-Work in OpenVMS environments, in this order:

- *Release Notes* for Entire Net-Work 7.2
- *Architectural Changes for Entire Net-Work 7.2* (found in *Planning for Entire Net-Work 7*)
- *Frequently Asked Questions for Entire Net-Work 7.2* (found in *Planning for Entire Net-Work 7*)
- [Entire Net-Work 7.3.1 Enhancements](#), elsewhere in this guide
- [Entire Net-Work 7.3.1.1 Enhancements](#), elsewhere in this guide
- [Entire Net-Work 7.3.2 Enhancements](#), elsewhere in this guide
- *Planning for Entire Net-Work 7.3 on OpenVMS Platforms*, found in *Planning for Entire Net-Work 7*.



Notes:

1. For OpenVMS installations, the integration instructions are somewhat different than for other operating environments. This is because no OpenVMS support was provided in Entire

Net-Work 7.2 and additional architectural changes were made for Entire Net-Work 7.3 (Entire Net-Work 7.3 no longer uses Kernel nodes, although Entire Net-Work 7.2 did).

2. The Configuration Utility is not provided in OpenVMS environments.
3. SMH is not available in OpenVMS environments. Therefore, you must use SMH in Windows or UNIX to perform Entire Net-Work for OpenVMS administration tasks. The installation CD for SMH in Windows environments is included with your Entire Net-Work for OpenVMS kit and no license check is performed if only an SMH installation is performed for the CD.

8 Dropped Features

The following features have been dropped from Entire Net-Work 7.3:

- The Configuration Utility is no longer provided. This utility was used in past releases to add necessary standard URLs to the Directory Server when a Kernel was installed. With this release, Kernels are defined in the System Management Hub and the appropriate URLs are added when they are defined, thus eliminating the need for the Configuration Utility.

If you are migrating from a classic Entire Net-Work installation (Version 2) to Entire Net-Work 7.3, use the Configuration Utility included in 7.2 to migrate to 7.2 and then use the Directory Server entries created for 7.2 as a basis for your manual configuration to Entire Net-Work 7.3; migration to Entire Net-Work 7.3 must be performed manually.



Note: The Configuration Utility is not provided in OpenVMS environments for Entire Net-Work 7.2.

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Entire Net-Work 7 Compatibility

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This chapter describes the Entire Net-Work 7 compatibility issues.

Adabas and Classic Entire Net-Work Version Compatibility

Entire Net-Work 7.3 provides the ability to communicate with and pass Adabas traffic with other released versions of Entire Net-Work:

Platform	Entire Net-Work Version	Adabas Version
Workstations	2.6.1	3
UNIX	2.1.1	3
OpenVMS	3.2.5 and 3.2.6	4
Mainframe	5.7, 5.8, 5.9, and 6.1	6, 7, 8



Note: If you try to connect your Entire Net-Work Version 2.6.1 or 2.5.1 console to a Version 2.6.1 or 2.5.1 Kernel while a Version 7 Kernel is running, console processing may stop. To resolve this, connect to the Version 2.6.1 or 2.5.1 Kernel before starting the Entire Net-Work 7 Kernel.

Adabas Database Compatibility

Entire Net-Work 7 supports both local and remote Adabas databases. Software AG recommends the use of Adabas 3.3.1.9 with Entire Net-Work 7. Because Entire Net-Work 7 communication with Adabas databases is so much faster than prior versions of Entire Net-Work, there are some modifications we recommend you make for your Adabas databases. For more information about these changes, read *Recommended Database Modifications* in the *Entire Net-Work Installation*.

EntireX Communicator Compatibility

The NET transport method of EntireX Communicator on UNIX and Windows does not support Entire Net-Work 7.2 or 7.3. For additional information, contact your Software AG technical support representative.

Terminal Server Environment

Installation and operation of the Entire Net-Work 7 Kernel should be conducted only by the Administrator or a user with administrative access. However, applications installed under Terminal Server are always installed in the All Users Start Menu folder and are therefore available to all users.

The operational security of Entire Net-Work 7 in the Terminal Server environment will be improved in future product releases to prevent unauthorized access to the Entire Net-Work 7 Kernel. Until this is addressed, network administrators should consider restricting execution of the Entire Net-Work 7 kernel functions (*netrdi.exe* and *netstop.exe*) in terminal server environments to administrators through the user of NTFS permissions.

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End-of-Support Dates

For information on how long a product is supported by Software AG, access Software AG's Empower web site at <https://empower.softwareag.com>.

Log into Empower. Once you have logged in, you can expand **Products** in the left menu of the web page and select **Product Version Availability** to access the Product Version Availability application. This application allows you to review support information for specific products and releases.

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Migration Considerations

If the Software AG Directory Server is installed and used by a prior version of Entire Net-Work, be sure to use the existing Software AG Directory Server port number setting for the Entire Net-Work 7.3 installation. You can change the port number after Entire Net-Work 7.3 is installed. For complete information on changing the Directory Server port number used, read *Changing the Software AG Directory Server Port Number*, in the *Entire Net-Work Installation*.

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The documentation for this product is new with this release. When additional updated versions of the documentation are created, you can review them by linking to the Software AG documentation web site: <http://documentation.softwareag.com/>. If you have an Empower account, updated and past versions of the documentation can also be reviewed and downloaded by linking to the Software AG Empower web site: <https://empower.softwareag.com>. If you do not have an Empower user ID and password yet, you will find instructions for registering on this site (free for customers with maintenance contracts).

The Entire Net-Work documentation includes:

- online HTML topics describing all aspects of the product;
- Adobe Acrobat Reader Portable Document Format (PDF) files created from the HTML topics;
- Adobe Acrobat Reader Portable Document Format (PDF) files of a Concepts Guide, Installation Guide, Planning Guide, System Administration Guide, Messages and Codes, and the Release Notes created from the HTML topics.

Documentation for the Software AG Directory Server can be found in *Software AG Directory Server Documentation* in the *Software AG Directory Server Administration*.

The System Management Hub documentation can be found in the System Management Hub installation. For example, if SMH is installed in Windows at `C:\Program Files\Software AG\System Management Hub`, then the SMH documentation can be found in: `C:\Program Files\Software AG\System Management Hub\help\doc\overview.htm`. Likewise, in UNIX environments, if the SMH installation is located at `$SAG/common/arg`, then the SMH documentation can be found in `$SAG/common/arg/help/doc/overview.htm`.

No hard-copy documentation is provided, but you can print the PDF and HTML files on your local printer.

Viewing Software AG Product Documentation under Windows XP SP2

With Service Pack 2 (SP2) for Windows XP and Service Pack 1 (SP1) for Server 2003, Microsoft introduced a range of powerful new security features that restrict active content that runs locally on your computer. Active content includes ActiveX controls, Java applets, and JavaScript. Software AG's documentation web pages contain some JavaScript, and the SEARCH, INDEX and CONTENTS capabilities are implemented as Java applets. As a result, when viewing documentation web pages that reside on your PC using Internet Explorer and Mozilla Firefox under Windows XP SP2, note that active content is blocked. You must explicitly and repeatedly allow active content if you want to make use of the documentation's full navigation features. Note that this behavior is only observed when reading web pages installed locally on your PC, including those on CD in the PC's CD-ROM drive.

The active content for which Software AG is responsible, that is, the JavaScript code in our HTML documentation pages, will not harm your computers. The risk in using the navigation applets is

negligible: Software AG has received no reports from users concerning any harm caused to a computer by the applets. We therefore suggest that when reading Software AG documentation in a local context, you should allow active content via the Security settings in the browser (with Internet Explorer, usually found under Tools > Internet Options > Advanced).

Full details of alternatives can be found on the home page of the suppliers of the navigation applets:
<http://www.phdcc.com/xpsp2.htm>.

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