

# Entire Net-Work

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Version 6.1.2

Release Notes

This document applies to Entire Net-Work Version 6.1.2 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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# Table of Contents

Entire Net-Work 6.1 Release Information . . . . .	1
Version 6.1.2 Enhancements . . . . .	1
BS2000 Support . . . . .	1
VSE Support . . . . .	1
BUFFERS Parameter Updates . . . . .	1
Version 6.1.1 Enhancements . . . . .	2
Support for ACBX Direct Calls . . . . .	2
NODE Statement BUFFERS Settings Simplified . . . . .	2
Selective Logging . . . . .	2
Performance Enhancements . . . . .	3
Installation Tape Information . . . . .	3
Installation Tape Description . . . . .	3
Product Code Description . . . . .	4
Zaps Data Set . . . . .	4
Requirements and Restrictions . . . . .	5
Adabas Components . . . . .	5
Support for Earlier Versions . . . . .	5
Supported Operating System Levels . . . . .	5
Compatibility with Earlier Versions of the Line Drivers . . . . .	6
TCP/IP Transport Providers Supported . . . . .	6
SETTXTLB EXEC Requirement for CMS Users . . . . .	6
Documentation . . . . .	6
Viewing Software AG Product Documentation under Windows XP SP2 . . . . .	7



# Entire Net-Work 6.1 Release Information

Read this document carefully before installing and using Entire Net-Work version 6.1. It covers the following topics:

	<i>Version 6.1.2 Enhancements</i>	Describes the enhancements made to Entire Net-Work for Version 6.1.2.
	<i>Version 6.1.1 Enhancements</i>	Describes the enhancements made to Entire Net-Work for Version 6.1.1.
	<i>Installation Tape Information</i>	Describes the Entire Net-Work 6.1 installation tape.
	<i>Requirements and Restrictions</i>	Lists requirements and restrictions of Entire Net-Work 6.1.
	<i>Documentation</i>	Describes the documentation provided with Entire Net-Work 6.1.

In addition, if you elect to install the Entire Net-Work TCP/IP Option, please read *Entire Net-Work TCP/IP Option Release Information* as well.

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## Version 6.1.2 Enhancements

The following enhancements to Entire Net-Work are provided in this release:

- BS2000 Support
- VSE Support
- BUFFERS Parameter Updates

### BS2000 Support

This version of Entire Net-Work provides BS2000 support. Now Entire Net-Work supports the new structures and features of Adabas 8 on BS2000 systems.

### VSE Support

This version of Entire Net-Work provides VSE and VM support. Now Entire Net-Work supports the new structures and features of Adabas 8 on VSE and VM systems.

### BUFFERS Parameter Updates

Entire Net-Work on BS2000 systems now uses the same buffer pool manager (BPM) used by Entire Net-Work on the other operating system platforms. For this reason, the first three buffer storage areas listed in the NODE statement's BUFFERS parameter are no longer necessary on BS2000 systems. They can still be specified, but in this version they are ignored. The amount of working storage reserved for the fourth buffer storage area, the page-fixed buffer pool size, is the only parameter that is not ignored, and is, in fact, required by some Entire Net-Work line drivers.

For more information about the NODE statement's BUFFERS parameter, read *BUFFERS Parameter*, in the *Entire Net-Work Reference Guide*.

## Version 6.1.1 Enhancements

Entire Net-Work Version 6.1.1 supports the new structures and features of Adabas 8. The enhancements provided in Entire Net-Work for this support include:

- Support for ACBX Direct Calls
- NODE Statement BUFFERS Settings Simplified
- Selective Logging
- Performance Enhancements

### Support for ACBX Direct Calls

The new Adabas ACBX direct call interface is fully supported by this release of Entire Net-Work. This includes support for Adabas buffer descriptions (ABDs). For complete information on the ACBX direct call interface, refer to the Adabas 8 Command Reference documentation.

### NODE Statement BUFFERS Settings Simplified

The syntax of the BUFFERS parameter of the NODE statement has been simplified. The first three buffer storage areas specified in the BUFFERS parameter are only used on BS2000 systems. In past releases, you were required to enter real values for these buffer areas, even if you were not running Entire Net-Work under BS2000. In this release, you are not required to specify values for these buffers if you are not running Entire Net-Work under BS2000. If you do specify them on non-BS2000 systems, they are simply ignored.

For more information, read *BUFFERS Parameter* in the *Entire Net-Work Reference Guide*.

### Selective Logging

This release provides seven new operator commands you can use to selectively log Entire Net-Work processing:

- LOGDON can be used to activate logging for a specific driver.
- LOGDOFF can be used to deactivate logging for a specific driver.
- LOGLON can be used to activate logging for a specific link name.
- LOGLOFF can be used to deactivate logging for a specific link name.
- LOGTON can be used to activate logging for a specific target ID.
- LOGTOFF can be used to deactivate logging for a specific target ID.

- DISPLAY LOGGING can be used to display the status of all selective logging.

In prior releases of Entire Net-Work, the LOG parameter of the NODE statement could be set to log all activity of Entire Net-Work. This was not generally recommended because of the huge number of resources used for the LOG processing. In addition, the NETPRNT or DDPRINT data sets could quickly become too large to manage. With selective logging, you can limit the log activity to specific drivers, links, and targets. In addition, because selective logging is governed by operator commands, the logging can be started and stopped easily.

For more information, read *Entire Net-Work Operator Commands* in the *Entire Net-Work Reference Guide*.

## Performance Enhancements

In addition to the buffer pool management enhancements, mentioned earlier in this section, internal processing enhancements have been made to this version of Entire Net-Work that improve the overall performance of Entire Net-Work.

## Installation Tape Information

The Entire Net-Work 6.1.2 installation tape contains all of the components required to run Entire Net-Work:

- The Entire Net-Work mainline processor and service routines, the VTAM, IUCV, and SMH line driver components.
- The Adabas components required by Entire Net-Work.
- The Entire Net-Work CTC Option components, if ordered.
- The Entire Net-Work DCAM Communication - BS2000 components, if ordered.
- The Entire Net-Work TCP/IP Option components, if ordered.
- The Entire Net-Work XCF Option components, if ordered.
- The Network SAF Security components, if ordered.

This section covers the following topics:

- Installation Tape Description
- Product Code Description
- Zaps Data Set

## Installation Tape Description

Refer to the *Report of Tape Creation* that accompanies the tape for information about the Entire Net-Work 6.1.2 installation tape, including tape density, media type, data sets, and data set sequence numbers. The online documentation describes the complete installation process. See the section *Entire Net-Work Installation* in the *Entire Net-Work Installation Guide*.

For VM/GCS installations, the installation tape contains an additional data set, WCP6nn.GCSL001. This data set contains WCPV6nn.TXTLIB, which must be included in the GLOBAL TXTLIB command on the ITM machine. Refer to *Running the ITM in VM/CMS* in the *Entire Net-Work Installation Guide*, for additional information.

## Product Code Description

The Entire Net-Work components are identified by the following product codes, which are used in the data set names on all Entire Net-Work tapes:

Product Code	Description
WCP	Entire Net-Work mainline processor, service routines, and the VTAM, IUCV, and SMH line drivers.
WAL	A set of Adabas components required to run Entire Net-Work. The WAL components are Adabas Version 8 for all platforms. Entire Net-Work requires the limited library modules to be at this level.
WCC	Entire Net-Work CTC Option (CTCA line driver components)
WDC	Entire Net-Work DCAM Communication - BS2000 (DCAM line driver components)
WTC	Entire Net-Work TCP/IP Option (TCPI and TCPX line driver components)
WXF	Entire Net-Work XCF Option (XCF line driver components)
WAF	Network SAF Security (SAF Security Interface components)

## Zaps Data Set

WCP612.Z000 is a sequential data set that contains all zaps available and officially released at the time the data set was created. You will need to apply the WCP612.Z000 data set to the Entire Net-Work version 6.1.2 library immediately after loading the LOAD/TXTLIB/LOADLIB/PHASE library to disk and before executing any Entire Net-Work nucleus or utility.

WCP611.Z000 is a sequential data set that contains all zaps available and officially released at the time the data set was created. You will need to apply the WCP611.Z000 data set to the Entire Net-Work version 6.1.1 library immediately after loading the LOAD/TXTLIB/LOADLIB/PHASE library to disk and before executing any Entire Net-Work nucleus or utility.

Refer to the *Report of Tape Creation* that accompanies your tape for more information about the zaps data set and its sequence on the tape.



## Requirements and Restrictions

This section covers the following topics:

- Adabas Components
- Support for Earlier Versions
- Supported Operating System Levels
- Compatibility with Earlier Versions of the Line Drivers
- TCP/IP Transport Providers Supported
- SETTXTLB EXEC Requirement for CMS Users

### Adabas Components

Entire Net-Work 6.1 requires the Adabas 8 components supplied in Adabas Limited Load Library (WAL) and the Adabas 8 SVC. However, before Entire Net-Work can function correctly, the most recent fix data set must be concatenated in front of the standard WAL load library.

Be sure your enterprise is running with the most current fix solution for WAL supported by Entire Net-Work 6.1.2, when available for that platform.

### Support for Earlier Versions

For information on how long a product is supported by Software AG, access Software AG's ServLine24 web site at <http://servline24.softwareag.com/public/>. In the left menu of this web page, expand **My ServLine24** and log into Secured Services. Once you have logged in, you can expand **Products** in the left menu of the web page and select **Product Roadmaps** to access the Product Version Roadmaps application. This application allows you to request support information for specific products and releases.

Support for earlier versions of Entire Net-Work will be provided as follows:

### Supported Operating System Levels

Entire Net-Work Version 6.1.2 supports the following operating system levels:

- z/OS: All versions currently supported by IBM.
- z/VM: All versions currently supported by IBM
- VSE: All versions currently supported by IBM
- BS2000: For information on the BS2000 OSD versions supported by this release of Entire Net-Work, access Software AG's ServLine24 web site at <http://servline24.softwareag.com/public/>. In the left menu of this web page, expand My ServLine24 and log into Secured Services. Once you have logged in, you can expand Products in the left menu of the web page and select Product Roadmaps to access the Product Version Roadmaps application. This application allows you to review platform support information for specific Software AG products and releases.

## Compatibility with Earlier Versions of the Line Drivers

All Entire Net-Work 6.1.2 line drivers are compatible with the line drivers provided in prior releases.

## TCP/IP Transport Providers Supported

Entire Net-Work 6.1.2 supports the following levels of TCP/IP transport providers:

Platform	TCP/IP Protocol Supported
z/OS	IBM TCP/IP for z/OS Version 1.4, 1.5, 1.6, and 1.7.
zVM/CMS	IBM TCP/IP for z/VM Version 4.4, 5.1, and 5.2.
zVM/GCS	IBM TCP/IP for z/VM Version 4.4, 5.1, and 5.2.
VSE/ESA	IBM and Connectivity Systems TCP/IP for VSE/ESA, Version 2.7.
z/VSE	IBM and Connectivity Systems TCP/IP z/VSE Version 3.1.
BS2000/OSD SOCKETS Subsystem	SOCKETS Version 2.0, 2.1, 2.2, or 2.3. Note that support for SOCKETS subsystem 1.3 has been dropped.

## SETTXTLB EXEC Requirement for CMS Users

CMS users will need to add the SMHV6111 TXTLIB to their SETTXTLB EXEC. This TXTLIB is required even if the SMH line driver is not used. See the delivered SETTXTLB EXEC file as an example. For information about the SMH line driver, see the section *Entire Net-Work SMH Agents* in the *Entire Net-Work Administration Guide*.

## Documentation

The documentation for this product has been updated for this release. When additional updated versions of the documentation are created, you can review them on the Software AG documentation web site: <http://documentation.softwareag.com/>. The documentation at this site will be updated as required. If you have a maintenance contract, past versions of documentation can be reviewed by linking to the following Software AG ServLine24 web site: <http://servline24.softwareag.com/public/>. If you do not have a ServLine24 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 for a series of manuals created from the HTML topics.

The System Management Hub documentation can be found wherever the System Management Hub is installed. For example, if the System Management Hub 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 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>.