

# **Entire Net-Work Administration**

## **Entire Net-Work Administration 6.5 Release Information**

Version 6.5.2

October 2021

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This document applies to Entire Net-Work Administration Version 6.5.2 and 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 Entire Net-Work Administration 6.5 Release Information

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Entire Net-Work Administration is provided to allow various Adabas products to make calls to Adabas and Event Replicator Server databases residing on the mainframe . It communicates with Entire Net-Work Client components on open systems.

Entire Net-Work Administration 6.5 supports the new features of Adabas 8.5. Read this document carefully before installing and using Entire Net-Work Administration version 6.5. It covers the following topics:

<i>Supported Operating System Platforms</i>	Lists the currently supported operating environments for Entire Net-Work.
<i>Enhancements</i>	Describes the enhancements made to Entire Net-Work Administration for Version 6.5.
<i>Installation Media Information</i>	Describes the Entire Net-Work Administration 6.5 installation media.
<i>Requirements and Restrictions</i>	Lists requirements and restrictions of Entire Net-Work Administration 6.5.
<i>End of Maintenance</i>	Describes how you can determine the end-of-support dates for your Software AG products.
<i>Documentation and Other Online Information</i>	Describes the documentation and other online information you can obtain for this release of Entire Net-Work Administration.

For information regarding Software AG product compatibility with IBM platforms and any IBM requirements for Software AG products, please review the [Product Compatibility for IBM Platforms](#) web page.

Notation "*vr SP s*", *vrs*, or *vr*: When used in this documentation, the notation "*vr SP s*", *vrs*, or *vr* stands for the relevant version, release, and system maintenance level numbers. For further information on product versions, see *version* in the *Glossary*.



# 2 About this Documentation

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## Document Conventions

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Convention	Description
<b>Bold</b>	Identifies elements on a screen.
Monospace font	Identifies service names and locations in the format <i>folder.subfolder.service</i> , APIs, Java classes, methods, properties.
<i>Italic</i>	Identifies:  Variables for which you must supply values specific to your own situation or environment. New terms the first time they occur in the text. References to other documentation sources.
Monospace font	Identifies:  Text you must type in. Messages displayed by the system. Program code.
{ }	Indicates a set of choices from which you must choose one. Type only the information inside the curly braces. Do not type the { } symbols.
	Separates two mutually exclusive choices in a syntax line. Type one of these choices. Do not type the   symbol.
[ ]	Indicates one or more options. Type only the information inside the square brackets. Do not type the [ ] symbols.
...	Indicates that you can type multiple options of the same type. Type only the information. Do not type the ellipsis (...).

## Online Information and Support

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### Software AG Documentation Website

You can find documentation on the Software AG Documentation website at <https://documentation.softwareag.com>.

### Software AG Empower Product Support Website

If you do not yet have an account for Empower, send an email to [empower@softwareag.com](mailto:empower@softwareag.com) with your name, company, and company email address and request an account.

Once you have an account, you can open Support Incidents online via the eService section of Empower at <https://empower.softwareag.com/>.

You can find product information on the Software AG Empower Product Support website at <https://empower.softwareag.com>.

To submit feature/enhancement requests, get information about product availability, and download products, go to [Products](#).

To get information about fixes and to read early warnings, technical papers, and knowledge base articles, go to the [Knowledge Center](#).

If you have any questions, you can find a local or toll-free number for your country in our Global Support Contact Directory at [https://empower.softwareag.com/public\\_directory.aspx](https://empower.softwareag.com/public_directory.aspx) and give us a call.

### **Software AG TECHcommunity**

You can find documentation and other technical information on the Software AG TECHcommunity website at <http://techcommunity.softwareag.com>. You can:

- Access product documentation, if you have TECHcommunity credentials. If you do not, you will need to register and specify "Documentation" as an area of interest.
- Access articles, code samples, demos, and tutorials.
- Use the online discussion forums, moderated by Software AG professionals, to ask questions, discuss best practices, and learn how other customers are using Software AG technology.
- Link to external websites that discuss open standards and web technology.

## **Data Protection**

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Software AG products provide functionality with respect to processing of personal data according to the EU General Data Protection Regulation (GDPR). Where applicable, appropriate steps are documented in the respective administration documentation.

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# 3 Supported Operating System Platforms

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Software AG generally provides support for the operating system platform versions supported by their respective manufacturers; when an operating system platform provider stops supporting a version of an operating system, Software AG will stop supporting that version.

For information regarding Software AG product compatibility with IBM platforms and any IBM requirements for Software AG products, please review the [Product Compatibility for IBM Platforms](#) web page.

Before attempting to install this product, ensure that your host operating system is at the minimum required level. For information on the operating system platform versions supported by Software AG products, complete the following steps.

1. Access Software AG's Empower web site at <https://empower.softwareag.com>.
2. Log into Empower. Once you have logged in, you can expand **Products & Documentation** in the left menu of the web page and select **Product Version Availability** to access the Product Version Availability screen.
3. Use the fields on the top of this screen to filter its results for your Software AG product. When you click the **Search** button, the supported Software AG products that meet the filter criteria are listed in the table below the filter criteria.

This list provides, by supported operating system platform:

- the Software AG general availability (GA) date of the Software AG product;
- the date the operating system platform is scheduled for retirement (OS Retirement);
- the Software AG end-of-maintenance (EOM) date for the product; and
- the Software AG end-of-sustained-support (EOSS) date for the product.



**Note:** Although it may be technically possible to run a new version of your Software AG product on an older operating system, Software AG cannot continue to support operating system versions that are no longer supported by the system's provider. If you have questions

about support, or if you plan to install this product on a release, version, or type of operating system other than one listed on the Product Version Availability screen described above, consult Software AG technical support to determine whether support is possible, and under what circumstances.

# 4 Enhancements

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This chapter lists the Entire Net-Work 6.5 enhancements.

Category	Enhancements
Entire Net-Work 6.5 SP1 Enhancements	<i>Adabas Directory Server Support</i>
	<i>Adabas Manager Support</i>
	<i>ADATCP Enhancements</i>
	<i>New Simple Connection Line Driver (TCPX) DRIVER and LINK Parameters</i>

## Adabas Directory Server Support

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This release introduces support for the Adabas Directory Server (ADI). The ADI allows applications to determine the location of their Adabas target, allowing direct access to a database without the call traveling through intermediate Net-work kernels. ADI communication is handled by the TCPX driver.

See *TCPX DRIVER Statement* for details.



**Note:** Fix WT651005 is required for partition support.

## Adabas Manager Support

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This release introduces support for Adabas Manager (AMN). ADI support must be active in order for the AMN client to communicate with the Net-work or ADATCP kernel. Communication with AMN is handled by the TCPX driver.

See *TCPX DRIVER Statement* for details.

## ADATCP Enhancements

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ADATCP is a subset of an Entire Net-Work kernel that runs as a subtask in an Adabas session. It provides direct communication with application programs, eliminating the need for intermediate Net-work kernels.

- [New Prerequisites for ADATCP](#)
- [ADATCP and Adabas Directory Server](#)
- [New ADATCP Parameters](#)
- [ADATCP Robustness](#)

- [ADATCP and zIIP](#)

### **New Prerequisites for ADATCP**

Using Point-to-point support for Adabas (ADATCP) requires Entire Net-Work Version 6.5 SP1 or above and Entire Net-Work TCP/IP Option Version 6.5 SP1 or above.

A valid Entire Net-Work license is now required for ADATCP in addition to any Adabas licenses. Because the Adabas nucleus and the ADATCP kernel can both read DDLIC to obtain their license, it is recommended that the Entire Net-Work license be assembled into a load module. Entire Net-Work licensing requires MLC135 or above.

See *Software AG Mainframe Product Licensing* for more information.

### **ADATCP and Adabas Directory Server**

ADATCP now works with the Adabas Directory Server (ADI). See [Adabas Directory Server Support](#) above.

### **New ADATCP Parameters**

New parameters may be provided to ADATCP via the TCPIN DD statement. See [New Simple Connection Line Driver \(TCPX\) DRIVER and LINK Parameters](#) below for details.

### **ADATCP Robustness**

Internal enhancements have been made to ADATCP to improve stability and robustness.

### **ADATCP and zIIP**

ADATCP now runs in zIIP mode when the Adabas session has zIIP active.

## **New Simple Connection Line Driver (TCPX) DRIVER and LINK Parameters**

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The following table summarizes the new Simple Connection Line Driver (TCPX) DRIVER and LINK parameters introduced:

Parameter	DRIVER or LINK Statement?	New or Changed?	Description	Introduced in Release
ADI	DRIVER	New	This parameter was added to the TCPX line driver in this release. It specifies whether Adabas Directory Server (ADI) support is enabled or disabled.	6.5 SP1
ADIHOST	DRIVER	New	This new parameter specifies the hostname of the Adabas Directory Server (ADI). The hostname is used to attempt to acquire the TCP/IP address of the system where the ADI resides.	6.5 SP1
ADIPART	DRIVER	New	This new optional parameter specifies the partition name to be used with the Adabas Directory Server (ADI). If specified, the partition name will be included in all target entries added to the ADI by this session. Partitions are used to restrict database access; when an application queries the ADI for a target and specifies a partition, only entries with the same partition name are returned. Likewise, if the query does not specify a partition, only entries that do not have a partition are returned.	6.5 SP1
ADIPORT	DRIVER	New	This new parameter specifies the port number used to communicate with the Adabas Directory Server (ADI).	6.5 SP1
WCPPART	DRIVER	New	This new optional parameter is an alias of ADIPART and works in the same way as ADIPART.	6.5 SP1

For more information about TCPX DRIVER statement parameters, read *TCPX DRIVER Statement* in the *Entire Net-Work TCP/IP Option* documentation.

# 5 Installation Media Information

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The Entire Net-Work Administration 6.4 installation media contains all of these components:

- The Entire Net-Work mainline processor and service routines.
- The Adabas components required by Entire Net-Work.
- The Simple Connection Line Driver components.

## Installation Media Description

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Refer to the *Software AG Product Delivery Report* that accompanies the installation medium for information about the Entire Net-Work Administration 6.4 installation, including media 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*.

## Product Code Description

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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 installation media:

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

Product Code	Description
MLC	Software AG's common mainframe license check software.
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.
WCL	Entire Net-Work Client components
WCA	Entire Net-Work mainline processor and service routines that communicate with Entire Net-Work Client components.
WSL	Encryption for Entire Net-Work. Due to export restrictions, Encryption for Entire Net-Work is not included on the installation medium. If you plan to use Encryption for Entire Net-Work in your enterprise, please contact your Software AG support representative.

# 6 Requirements and Restrictions

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This chapter describes the requirements and restrictions of Entire Net-Work Administration.



**Note:** Entire Net-Work 6.4 SP1 is compatible with Entire Net-Work 6.3 SP2 nodes.

## Adabas Components

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Entire Net-Work 6.4 requires the Adabas 8 components supplied in Adabas Limited Load Library (WAL) and the SVC from Adabas 8.2.2 (or later). 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 6.3, when available for that platform.



**Important:** You should always use the most current Adabas load library or the Adabas limited library (WAL) as provided on the Entire Net-Work installation media, unless you have been specifically instructed otherwise by Software AG.

## TCP/IP Transport Providers Supported

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Entire Net-Work 6.5 supports the following levels of TCP/IP transport providers:

Platform	TCP/IP Protocol Supported
z/OS	IBM TCP/IP for z/OS Version 1.10, 1.11, and 1.12.
z/VSE	IBM and Connectivity Systems TCP/IP z/VSE Version 4.2 and 4.3.
BS2000/OSD Sockets Subsystem	<p>Sockets Version 2.0 and above.</p> <p>For Sockets 2.2 and above, the SOC6 subsystem will be used, otherwise the SOCKETS subsystem is used.</p> <p>When accessing via IPV6 addressing, a SOC6 subsystem with Sockets 2.5 is the minimum requirement.</p>

# 7 End of Maintenance

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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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## Documentation and Other Online Information

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- Software AG Empower Product Support Website ..... 20

The following online resources are available for you to obtain up-to-date information about your Software AG products:

## Software AG Documentation Website

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You can find documentation for all Software AG products on the Software AG Documentation website at <https://documentation.softwareag.com>. This site requires Empower credentials. 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) or you can also use the TECHcommunity website to access the latest documentation.

## Software AG TECHcommunity

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You can find documentation and other technical information on the Software AG TECHcommunity website at <http://techcommunity.softwareag.com>. You can:

- Access product documentation, if you have TECHcommunity credentials. If you do not, you will need to register and specify "Documentation" as an area of interest. If you already have TECHcommunity credentials, you can adjust your areas of interest on the TECHcommunity website by editing your TECHcommunity profile. To access documentation in the TECHcommunity once you are logged in, select **Documentation** from the **Communities** menu.
- Access articles, demos, and tutorials.
- Use the online discussion forums, moderated by Software AG professionals, to ask questions, discuss best practices, and learn how other customers are using Software AG technology.
- Link to external websites that discuss open standards and web technology.

## Software AG Empower Product Support Website

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You can find product information on the Software AG Empower Product Support website at <https://empower.softwareag.com>. This site requires Empower credentials. 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).

To submit feature/enhancement requests, get information about product availability, and download products and certified samples, select **Products & Documentation** from the menu once you are logged in.

To get information about fixes and to read early warnings, technical papers, and knowledge base articles, select **Knowledge Center** from the menu once you are logged in.

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