

Entire Connection

Release Notes

Version 4.5.4

November 2016

This document applies to Entire Connection Version 4.5.4.

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

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This document describes the new features, changes and enhancements for Entire Connection Version 4.5.4.

Supported Operating Systems

Entire Connection Version 4.5.4 is a 32-bit application. When installed on a 64-bit Windows operating system, Entire Connection will run under WOW64. WOW64 is an x86 emulator that allows 32-bit Windows-based applications to run seamlessly on 64-bit Windows.

Entire Connection can be installed on the following operating systems:

- Microsoft Windows 7 Professional
- Microsoft Windows 8 Professional
- Microsoft Windows Server 2008
- Microsoft Windows Server 2012

Windows Terminal Services are supported with the following exceptions: they are not supported for the session types VTxxx serial port and HLLAPI.

For further information, see *Prerequisites* in the *Installation* section.

New Features and Enhancements

Keypad Display in the Terminal Emulation

In the session properties, you can now define the keypads that are to be shown in the terminal emulation. The behavior in the terminal emulation depends on whether keypads are defined in the session properties or not. For detailed information, see the description of the **General** page of the **Session Properties** dialog box in the *Overview of Object Properties*.

SSL/TSL Protocol Configuration

It is now possible to define which protocols are allowed during the initial handshake between the TN3270 server and Entire Connection: SSL V3, TLS V 1.0, TLS V 1.1, and/or TLS V 1.2. For detailed information, see the description of the **Security** page of the **Communication** dialog box in the *Overview of Object Properties*.



Caution: It is not recommended to use the SSL V3 protocol because of the “Poodle” vulnerability which exploits a weakness in this protocol. Therefore, the SSL V3 protocol is disabled by default. See also the *Poodle Note* at <https://empower.softwareag.com/Products/Secur->

[ity/poodle.asp](#) (Empower login required). You should only activate SSL V3 if the TN3270 server does not support TLS 1.0 and above.

In addition, the SSL V3 protocol is now disabled in all TN3270 sessions which have been created using an earlier version of Entire Connection (4.5.3 and below). It is therefore possible that a TN3270 SSL session which was working in Entire Connection Version 4.5.3 now shows an error message when you try to connect.

The SSL V2 protocol is not supported.

Terminal Model for BS2000 TCP/IP Sessions

It is now possible to configure the terminal model for host sessions of type BS2000 TCP/IP. For detailed information, see the description of the **Communication BS2000 TCP/IP** dialog box in the *Overview of Object Properties*.

Documentation

Backup and Restore

A new chapter *Backup and Restore* is available in the *Installation* section. The information in this chapter is helpful, if you want to back up your settings and data on a regular basis, or if you want to install Entire Connection on a new PC and want to reuse the settings and data from your old PC.

Removed Features

Session Properties

The option **Disable data transfer enhancements** has been removed from the **Data Transfer** page of the session properties.

The option **Interpret as Entire Connection 3.1 translation table** has been removed from the **National** page of the session properties.

Multiplan

You can still use the Multiplan file format, however, it is no longer supported by Entire Connection.

Notice of Future Changes

HLLAPI

Entire Connection Version 4.5.4 is the last version to support the host session type HLLAPI. This session type will no longer be supported in future versions.

VTxxx

Entire Connection Version 4.5.4 is the last version to support the host session type VTxxx. This session type will no longer be supported in future versions.