compulink advantage

Server Migration



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Moving Compulink to a New Server (QUICK SETUP GUIDE)

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PREFACE

This document includes **Advanced Quick Setup** instructions for transfer of existing **Compulink Advantage** software to a new server. It also includes instructions for the mandatory installation of **Sybase Advantage Database Server**. The main steps are in **BOLD and Highlighted** for quick review. More details included after the highlights. For more detailed information and steps, please review the Server Migration and Sybase instructions.

Note: Your "Product folder" refers to your version of Compulink Advantage (chiro, derm, eyecare, eyemd, mdadv, podia, psych, pt, etc.)

QUICK SETUP GUIDE (Advanced Quick Steps for Administrators)

OLD SERVER

- Stop the Advantage Database Server service and set to Disable or Manual Startup

 a) Computer Management > Services > Advantage Database Server > Properties
- Close Open Files related to Compulink Advantage product folder
 a) Computer Management > Shared Folders > Open Files
- 3) Copy your product folder folder to the new server.
- 4) Rename the product folder on the old server. Leave on old server or copy elsewhere as a backup.

NEW SERVER

- 5) Create a folder on your new server called COMPULINK (or same as previous shared folder on old server)
 - a) Set security permissions to Full Control for Everyone (or your authorized users group).
 - i) Folder Properties > Security Tab > Edit > Add > Everyone
 - ii) Folder Properties > Security Tab > select group > Advanced > Full Control
 - b) Share the folder with Full permissions for Everyone (or your authorized user group).
 - i) For added security, you may use a hidden share by adding a dollar sign (\$) to the end of the share name (Share name = Compulink\$)
 - ii) Folder Properties > Sharing Tab > Advanced Sharing > Permissions > Full Control
 - c) **Disable availability of offline files** from this share
 - i) Folder Properties > Sharing Tab > Advanced Sharing > Caching > No Files...
- 6) Move your product folder into the shared folder.
 - a) Ensure the files in the shared folder have the right attributes
 - i) Folder properties > General > Uncheck Read-only box > apply
 - (After completion, its OK if the Read-only box is blue should not have a checkmark)
- 7) Create a UNC shortcut to the share through the server's IP and create shortcut to product's exe file.
 a) i.e. <u>\\server IP\share\productname\productname.exe</u> (\\server_IP\compulink\eyemd\eyemd.exe)
- 8) Install Crystal Reports Runtime version 11 (cr11setup.exe within your product folder)
 a) If missing, download from here: cr11setup.exe
- 9) Install Sybase Advantage Database Server (for steps, see Sybase Installation in this document)
 - a) You **must** install the same version number 10 or 11 as the old server.
 - b) To locate License and Validation Code, open adsstamp.exe on old server
 i) Program Files > Advantage (10.10 or 11.10) > Server > adsstampe.exe > License
 - c) Edit the ADS.INI file's CBSFILES= line to point to the new location and server info (see ADS.INI settings)

10) Add exceptions to Firewall and Realtime Antivirus protection

- a) Allow the product's EXE file through any firewall.
 - i) Windows Firewall > Allow a program.. > Allow another.. > Browse to exe file
 - b) Open UDP port 6262 inbound and outbound on any internal Firewall
 - i) Windows Firewall > Advanced Settings > Inbound Rules > New Rule > Port > UDP > 6262
 - ii) Windows Firewall > Advanced Settings > Outbound Rules > New Rule > Port > UDP > 6262
- 11) Duplicate any System and/or User Environment Variables from old server to new server
 - a) Example: CBSDIR=Y, CBS=A

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SYBASE INSTALLATION

Download the same version number (10.10 or 11.10) of Sybase Advantage Database Server from Compulink's IT Suppor site (download the 32 or 64 bit version based on your operating system).

IMPORTANT: "ADS12_7216_error.reg" must be installed on the server after installation for SAP version 12.

Extract the files to a folder (example: C:\ADS10 or C:\ADS11 or C:\ADS12), then follow the InstallSheild Wizard's instructions.

WinZip Self-Extractor - adswin_x86_32_1010028.exe	
To unzip all files in this self-extractor file to the Unzip specified folder press the Unzip button.	WinZip Self-Extractor
Unzip to folder: C:\ADS10 Browse Close Coverwrite files without prompting When done unzipping open; setup exe	23 file(s) unzipped successfully
	ОК
₽ Advantage Database Server for Windows x86_64 v12.0 - InstallShield Wizard ×	₩ Advantage Database Server for Windows x86_64 v12.0 - InstallShield Wizard
Wekcome to the InstallShield Wizard for Advantage Database Server for Windows x86_64 v12.0	License Agreement Please read the following license agreement carefully.
R The InstallSheld(R) Wizard will instal Advantage Database Server for Windows x86_64 v12.0 on your computer. To continue, click Next.	LICENSE AGREEMENT Advantage Database Server
WARNING: This program is protected by copyright law and international breates.	the "Program") IMPORTANT NOTICE: Read this License Agreement, including the Program specific terms at the end of the document cardwigh terbor using the Program IF YOU DO NOT AGREE TO BE BOUND BY THESE TERMS, YOU MAY NOT USE THE PROGRAM. By downloading, installing, or using the Program in any way, You advinovelode that You have read ,understand and agree to the terms of this Import the program in the license agreement) The program is the license agreement of the program.
< Back Beck Cancel	O I go not accept the terms in the locense agreement InstallSheld <back next=""> Cancel</back>

NOTE: Compulink software is fully compliant and all Data Dictionary tables are encrypted with a password.



NOTE: You must install on the C: Drive (or boot partition if different).

🕼 Advantage Database Server for Windows x86_64 v12.0 - InstallShield Wizard 🛛 🗙	⊯ Advantage Database Server for Windows x86_64 v12.0 - InstallShield Wizard ×
Destination Folder	Ready to Install the Program
Cick Next to install to this folder, or cick Change to install to a different folder.	The wizard is ready to begin instalation.
Install Advantage Database Server for Windows x86_64 v12.0 to:	Click Install to begin the installation.
C1Program Files/Advantage 12.0\	If you want to review or change any of your installation settings, dick Back. Click Cancel to
Change	exit the wizard.
InstaliShield < gad. Next > Cancel	Instalished < gask Cancel

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Enter your exististing Serial Number and Validation code

🛃 Advantage Database Server for Windows x86_64 v12.0 - Install — 🛛 🛛 🗙	Advantage Database Server for Windows x86_64 v12.0 - InstallShield Wizard
Installing Advantage Database Server for Windows x86_64 v12.0 The program features you selected are being installed.	Product Information
Please wait while the InstallShield Wizard installs Advantage Database Server for Windows x86_64 v12.0. This may take several minutes.	Enter the Advantage Serial Number, a Validation Code or an Authorization Code (for evaluation), and the optional Replication Code. The Serial Number, Validation Code, and the optional Replication Code can be found on the Advantage Serial Number ID Card.
58805:	Serial Number: [124547] © I have a graduation code have a graduation Authorization code Middation Code ABCDE Beplication Code Click the following link to request a 30 day evoluation of Advantage Database Server, http://www.sap.com/pc/tech/database/software/advantage-database-serve
InstaliShield < Back Next > Cancel	Cancel < Back Next >

Enter your **Compulink Account Number** (e.g. 1234) for the Registered Owner Field and accept the default ANSI Character set on Machine and USA as Localized Character Sets.

Advantage Database Server for Windows x86_64 v12.0 - InstallShield Wizard	×	
Product Owner		ANSI Character Set
Enter the name of the Registered Owner of the Advantage Database Server. Begistered Owner: Input Computink Account Number Here Automatic services start every time the system starts. Manual services can be started by a user once		Please select an ANSI character set to use on the Advantage Database Server. WARNING To prevent data corruption, be sure to use the same character set on all Advantage servers including Advantage Local Server. Please note that choosing
logged in. ● Aytomatic Startup ○ Manual Startup		versions of Advantage with different character sets share the same file, data corruption can occur. Selecting a specific ANSI language for all Advantage installs (including Local Server) will guarantee the ANSI character sets used by all Advantage applications will be the same. This setting does not apply to tables opened with OEM as the specified character set type, or to Advantage 0005 applications:
	_	CDEFAULT ON MACHINE> Default on Machine: English (U.S.)
Cancel < <u>Back</u> <u>Nest</u> >		Cancel < <u>B</u> ack <u>Next</u> >
Advantage Database Server for Windows x86_64 v12.0 - InstallShield Wizard	×	
OEM/Localized Character Sets		Advantage Database Server for Windows x86_64 v12.0 - InstallShield Wizard X
The following only applies if your Advantage applications use OEM/Localized character sets. Please select Next if your Advantage applications use ANSI character sets only.		R The InstallSheld Witard has successfully installed Advantage Database Server for Windows x86_64 v12.0. Click Finish to exit the wzard.
The Advantage Database Server supports the following OEM/Localized character sets. Please select th set that matches uput Advantage clause applications. Selecting a specific OEM/Localized character set for all Advantage installs (including Local Server) will guarantee the OEM/Localized character sets used by all Advantage applications will be the same.	:	
Use the list box to view the available OBM/Localized Character Sets USA $$\sim$$		Show the Windows Installer log
Cancel < <u>Back Next</u> >	ב	< Back Enish Cancel
🕌 Advantage Database Server for Windows v10.10 - InstallShield Wizard 🗢 💷	22	₩ Advantage Database Server for Windows v10.10 - InstallShield Wizard
Installing the Advantage Database Server for Windows v10.10 The program features you selected are being installed.		InstallShield Wizard Completed
Microsoft continuously updates its network operating systems. It is important to keep your file server updated with the latest patches.		The InstallShield Witard has successfully installed the Advantage Database Server for Windows v10.10. Click Finish to exit the wizard.
For additional information concerning operating systems and other known issues with the Advantage Database Server, visit the Advantage Developer Zone Web site. http://DevZone.AdvantageDatabase.com		
InstalShe		SYBASE
<back next=""> Cancel</back>		< Back Finish Cancel

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IMPORTANT: Change the LAN Port to 6262 in the Configuration Utilility Tab > Communications Tab, set Client Time Out to 60 seconds - In the Misc. Settings Tab, , Check the Suppress Message Boxes box and set Worker Threads to 16 x the number of CPU on the server. All other settings are adjusted by the application as necessary.

🙀 Advantage Configuration Utility — 🗆 🗙	😹 Advantage Configuration Utility — 🗆 🗙
Service Up Time: 0 Days 0 Hours 2 Minutes 49 Seconds Operations Since Started: 1 SAPPR	Service Up Time: 0 Days 0 Hours 6 Minutes 52 Seconds Operations Since Started: 1
Database Info Installation Info Configuration Utility	Database Info Installation Info Configuration Utility
Database Settings File Locations Communications Misc. Settings Language	Database Settings File Locations Communications Misc. Settings Language
LAN Port: 6262 Internet Port: 0 Client Time Out (seconds): 681 Compression: Internet	Number of Worker Threads: Maximum Size of Error Log: 1000 Suppress Message Boxes: 16 x CPU Count Disable Free Connections: Non-Exclusive Proprietary Locking:
Restore Defaults Capcel Apply	Bestore Defaults Cagcel Apply
Stop Service Exit Copyright © 2015 SAP SE or an SAP affiliate company	Stop Service Exit

ADS.INI Settings

The ADS.ini file, located in the product directory must have the CBSFILES= line pointing to the correct location of the data on the new server. If your server does not have an static IP, delete these lines from the ADS.INI

Example: CBSFILES=\\SERVER_IP\SHARE\PRODUCT\DICTIONARY.ADD;D

ADS - Notepad	35 <u>392</u> 5	×
File Edit Format View Help		
[192.168.1.100] LAN_PORT=6262 LAN_IP=192.168.1.100 [Settings] ADS_SERVER_TYPE=3 MITER_LOCAL_CONNECTIONS=1		~
<pre>[Databases] [Databases] CBSFILES=\\192.168.1.100\Compulink\$\Eyemd\DICTIONARY.ADD;D CBSTOOLS=.;A </pre>		
[CRYSTAL] LockingMode=1		
4		>

If the Server has a static IP, edit the following lines to match your new server:

[SERVER]	The name in brackets will be the actual server Computername.
LAN_PORT=6262	6262 is the UDP Port used by Compulink Advantage
	(if UDP port 6262 is not available, this and the ADS Configuration port can be changed).
LAN_IP=	This should equal your Server's static IP address

It is necessary that the server be assigned a static IP address. If it is impossible for the server to have a static IP address, the three lines above can be deleted from the ADS.INI file and you may need to contact Compulink Customer support.