DriveTools SP / DriveExecutive / DriveExecutive Lite Software

**System Requirements /
Installation Instructions**

System Requirements

Windows® 2000 (Service Pack 4 or later) or Windows XP (Service Pack 3 or later)

Pentium 100MHz processor with at least 32 MB of RAM, 90 MB of available hard disk space (more hard disk space may be required for specific application features), a 16-color, SVGA display with 800 by 600 or greater resolution, CD-ROM drive (for installation only), and a mouse or other Windows-compatible pointing device.

Windows Vista Business or Basic versions

PC with 800MHz 32-bit (x86) or 64-bit (x64) processor or better with at least 512 MB of RAM and 20 GB hard drive, SVGA graphics with 800x600 resolution or higher, CD-ROM drive (for installation only), mouse or other pointing device, keyboard, serial communications or a network connection supported by RSLinx (Ethernet, ControlNet, DeviceNet, etc.).

This software will not run on Alpha, MIPS, or Power PC processors.

Microsoft™ Internet Explorer™ version 6.0 (included on CD) or later and a compatible version of RSLinx Lite (included on CD) must be installed on your PC prior to installing DriveTools SP, DriveExecutive, or DriveExecutive Lite.

Installation Instructions

Note: It is strongly recommended that you quit all Windows programs before running the Setup.

1. If you have DriveExecutive V2.02 or earlier installed on your PC:

    a. Open the Windows Control Panel.

    b. Double-click on **Add/Remove Programs**.

    c. Select DriveTools 2000 and then click **Add/Remove**. Respond to the prompts to remove it.

2. If you have a version of RSLinx earlier than 2.54 installed on your PC:

    a. In Windows, select **Start > Programs > Rockwell Software > RSLinx > Backup Restore Utility**. The RSLinx Backup/Restore dialog displays.

    b. Click **Backup**.

    c. Type a file name you will remember, select the location in which you want to save the file and click **Save**.

    d. When a message displays indicating that the operation was completed successfully, click **OK**.

    e. Click **Close** to close the RSLinx Backup/Restore dialog.

    f. Open the Windows Control Panel.

    g. Double-click on **Add/Remove Programs**.

    h. Select RSLinx and then click **Add/Remove**.

    i. Respond to the prompts to remove RSLinx.

3. If you removed an application in step 1 or 2, restart your PC.

4. If you are using Windows 2000 and the service pack is less than 4, you must first install service pack 4 before proceeding.- Please visit www.microsoft.com for appropriate service packs. After installing the service pack, restart your PC.

5. Insert the DriveExecutive installation CD into the CD-ROM drive. The installation launcher should open automatically if autorun is enabled on your PC.

6. If you would like to have the DriveTools feature for Factory Talk security, you will need to have FactoryTalk CPR 7 or CPR 9 installed before installing DriveTools or DriveExecutive. The FactoryTalk Services Platform 2.10 (CPR9) install can be launched off of the installation launcher or run from …\FTSP_2.10\Setup.exe. FactoryTalk Security can be configured after installing DriveTools or DriveExecutive.

7. The DriveTools or DriveExecutive can be run from the installation launcher. If that does not launch, run …\DriveExecutive\setup.exe or …\DriveTools\setup.exe on your CD.

8. Follow the instructions in the Setup Wizard and respond to the prompts. The serial number for DriveExecutive or DriveTools SP is provided in the packaging. For DriveExecutive Lite, use your RSLogix 5000 or RSNetWorx MD serial number. If FactoryTalk Services Platform is installed there will be an option to install the DriveTools FactoryTalk Security Feature.

9. Restart your PC.

10. To configure FactoryTalk Security, launch the FactoryTalk Administration console for the network directory. DriveTools has feature security under System -> Policies -> Product Policies -> DriveTools.

11. 11. If you do not already have Microsoft Internet Explorer version 6 or later installed on your PC, run …\IE60\IE6setup.exe on your CD. (Internet Explorer is required to use help and other features of the software.) Follow the instructions in the Setup Wizard and respond to prompts.

12. If you do not have RSLinx V2.54 or later previously installed, run …\ RSLinx_2.54\Setup.exe. Follow the instructions in the Setup Wizard and respond to the prompts. When installing RSLinx Lite, be sure to:

    – Select Setup Type = "Custom Location Selection and/or Custom Feature Selection"

    – Under "Electronic Data Sheets," turn on installation for "Drives Communication Modules" and for any of the supported devices that you will be using (i.e. 1305, 1336 PLUS II, 1336 IMPACT).

13. Setup RSLinx communication drivers for each type of communications that you plan to use (see instructions below) or if you saved previous RSLinx driver settings to a file in step 2, do the following:

    a. From the Windows® Start menu, select **Start > Programs > Rockwell Software > RSLinx > Backup Restore Utility**. The RSLinx Backup/ Restore dialog displays.

    b. Click **Restore**.

    c. Select the backup file saved in step 2 above and click **Open**.

    d. When a message displays indicating that you have successfully completed the operation, click **OK**.

    e. Click **Close** to close the RSLinx Backup/Restore dialog.

14. Launch DriveExecutive and/or DriveObserver.

Setting up RSLinx Communication Drivers

Note: You typically need to only setup RSLinx drivers once. After RSLinx communication is setup, you will only need to launch RSLinx to make driver additions, edits, and deletions to reflect communication changes as needed.

Note: You can launch RSLinx communication drivers two ways:

- Via DriveExecutive - See Launch RSLinx Communication Drivers via DriveExecutive below:

- Via RSLinx - See Launch RSLinx Communication Drivers via RSLinx on page 4 below.

Launch RSLinx Communication Drivers via DriveExecutive

1. Launch DriveExecutive.

2. Select **Drive > Connect To Drive**. The Connect to Drive dialog displays.

3. Click **RSLinx Drivers Setup**.

4. To add a Serial Driver for Connecting to a 1203-USB, 1203-SSS, or 22-SCM-232 Adapter:

    a. From the Configure Drivers dialog box, select the **RS-232 DF1 devices** driver from the Available Drivers list.

    b. Click **Add New**. The configuration dialog box for that driver appears.

    c. Enter the following parameters in the configuration dialog box:

Comm Port:	Comm port on your PC
Device:	1770-KF2/1785-KE/SCANport
Baud Rate:	Baud Rate of the Adapter
Station Number:	00
Parity:	None
Error Checking:	BCC
Stop Bits:	1
Protocol:	Full Duplex

    d. Click **OK** to close the dialog box.

5. Add other drivers as desired.

Launch RSLinx Communication Drivers via RSLinx

1. From the Windows® Start menu, select **Programs > Rockwell Software > RSLinx > RSLinx**.

2. In the RSLinx program menus, select **Communications > Configure Drivers** to open the Configure Drivers dialog box. (The Configure Drivers dialog box, provides a list of previously configured drivers and their status.) Note: For directions on adding, editing, and deleting RSLinx drivers, click **Help**.

3. To add a Serial Driver for Connecting to a 1203-USB, 1203-SSS, or 22-SCM-232 Adapter:

    a. From the Configure Drivers dialog box, select the **RS-232 DF1 devices** driver from the Available Drivers list.

    b. Click **Add New**. The configuration dialog box for that driver displays.

    c. Enter the following parameters in the configuration dialog box:

Comm Port:	Comm port on your PC
Device:	1770-KF2/1785-KE/SCANport
Baud Rate:	Baud Rate of the Adapter
Station Number:	00
Parity:	None
Error Checking:	BCC
Stop Bits:	1
Protocol:	Full Duplex

    d. Click **OK** to close the dialog box.

4. Add other drivers as desired.

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