

Optional Applications Software on Windows-Based Oscilloscopes Installation Manual

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Preface

You can use information in this manual to install any application from the *Optional Applications Software for Windows-Based Oscilloscopes DVD* onto your Microsoft Windows-based Tektronix oscilloscope. This manual contains compatibility information. (See page 1, *Application and Oscilloscope Compatibility*.)

Free Trial

A free trial is available for applications on supported oscilloscopes. (See Table 1 on page 2.) These applications were installed on the supported instrument at the factory. You can start and exit an application to help you evaluate Tektronix software solutions. After the free trials, you must purchase an option installation key to continue to use the application.

NOTE. *If a new application becomes available, or a new version of an existing application is released, you can download the application to begin your free trials. (See page 16, *Downloading Applications Through the Web Site*.)*

NOTE. *For the DPOJET and DPOPWR applications, each free trial lasts until the oscilloscope application is restarted. Unlike other applications, you can return to DPOJET or DPOPWR any number of times on a single free trial as long as the TekScope application remains open.*

Product Description

Tektronix provides many applications for Microsoft Windows-based oscilloscopes that you can use to test, analyze, and debug various types of electronic devices and products. To learn about most applications, you can browse the documentation folder on the *Optional Applications Software on Windows-Based Oscilloscopes DVD*, and view any document listed. You can also check www.tektronix.com for application notes on how to resolve complex problems, such as how to analyze jitter or how to verify compliance to a serial data standard.

Tektronix recommends that you upgrade your oscilloscope to the latest firmware before installing or operating an application. You can download the latest firmware from www.tektronix.com. Be sure to select the firmware version appropriate for your specific oscilloscope model.

NOTE. *Be sure to install the oscilloscope firmware before you install any optional application software.*

Application and Oscilloscope Compatibility

The next table lists the applications included on the optional applications DVD with the compatible oscilloscope models and firmware version numbers.

NOTE. *To display the firmware version number of the oscilloscope, select Help > About TekScope... in the menu bar of the TekScope window.*

For updates on the applications that are not available on the DVD, go to www.tektronix.com/software.

For those applications that use the Report Generator, it is installed automatically when the application is installed using the optional applications DVD. You can install the Report Generator manually. (See page 14, *Installing Report Generator*.) You can also install an application manually. (See page 13, *Installing an Application*.)

Table 1: Applications and compatible oscilloscopes

Application name	Software version	Oscilloscope model	Recommended firmware version
DPOJET Jitter and Eye Diagram Analysis Tools - Essentials	V 2.4.1 and above	DPO7054, DPO7104, DPO7254, DPO7354, DPO70404/B, DSA70404/B, DPO70604/B, DSA70604/B, DPO70804/B, DSA70804/B, DPO71254/B, DSA71254/B, DPO71604/B, DSA71604/B, DPO72004/B, DSA72004/B	V 4.3.5 and above
		MSO70404, MSO70604, MSO70804, MSO71254, MSO71604, MSO72004	V 5.0.0 and above
DPOJET Jitter and Eye Diagram Analysis Tools - Advanced	V 2.4.1 and above	DPO7054, DPO7104, DPO7254, DPO7354, DPO70404/B, DSA70404/B, DPO70604/B, DSA70604/B, DPO70804/B, DSA70804/B, DPO71254/B, DSA71254/B, DPO71604/B, DSA71604/B, DPO72004/B, DSA72004/B	V 4.3.5 and above
		MSO70404, MSO70604, MSO70804, MSO71254, MSO71604, MSO72004	V 5.0.0 and above
DDR Analysis	V 2.4.0 and above	DPO7254, DPO7354, DPO70404/B, DSA70404/B, DPO70604/B, DSA70604/B, DPO70804/B, DSA70804/B, DPO71254/B, DSA71254/B, DPO71604/B, DSA71604/B, DPO72004/B, DSA72004/B	V 4.3.5 and above
		MSO70404, MSO70604, MSO70804, MSO71254, MSO71604, MSO72004	V 5.0.0 and above
PCI-Express	V 2.4.0 and above	DPO70404/B, DSA70404/B, DPO70604/B, DSA70604/B, DPO70804/B, DSA70804/B, DPO71254/B, DSA71254/B, DPO71604/B, DSA71604/B, DPO72004/B, DSA72004/B	V 4.3.5 and above
		MSO70404, MSO70604, MSO70804, MSO71254, MSO71604, MSO72004	V 5.0.0 and above
DPOJET-USB	V 2.4.1 and above	DSA72004, DPO70804 DSA71254B, DPO70804B	V 4.3.5 and above
		MSO70404, MSO70604, MSO70804, MSO71254, MSO71604, MSO72004	V 5.0.0 and above

Table 1: Applications and compatible oscilloscopes (cont.)

Application name	Software version	Oscilloscope model	Recommended firmware version
TDSCPM2 Communications Pulse Analysis ¹	V 3.0.0 and above	TDS6124C, TDS6154C	V 5.1.5 and above
		TDS6604B, TDS6804B	V 5.1.2 and above
		CSA7404B, TDS7154B, TDS7254B, TDS7404B, TDS7704B	V 5.1.3 and above
		TDS5032B, TDS5034B, TDS5052B, TDS5054B, TDS5054BE, TDS5104B	V 2.0.11 and above
		TDS7054, TDS7104	V 2.5.5 and above
		CSA7154, CSA7404, TDS7154, TDS7254, TDS7404	V 2.5.3 and above
		DPO7054, DPO7104, DPO7254, DPO7354, DPO70404/B, DSA70404/B, DPO70604/B, DSA70604/B, DPO70804/B, DSA70804/B, DPO71254/B, DSA71254/B, DPO71604/B, DSA71604/B, DPO72004/B, DSA72004/B	V 4.3.5 and above
		MSO70404, MSO70604, MSO70804, MSO71254, MSO71604, MSO72004	V 5.0.0 and above
		TDS6124C, TDS6154C	V 5.1.5 and above
		TDS6604B, TDS6804B	V 5.1.2 and above
TDSDDM2 Disk Drive Analysis	V 3.0.1 and above	CSA7404B, TDS7154B, TDS7254B, TDS7404B, TDS7704B	V 5.1.3 and above
		TDS5034, TDS5052, TDS5054, TDS5104	V 1.2.1 and above
		TDS5034B, TDS5052B, TDS5054B, TDS5054BE, TDS5104B	V 2.0.11 and above
		TDS7054, TDS7104	V 2.5.5 and above
		CSA7154, CSA7404, TDS7154, TDS7254, TDS7404	V 2.5.3 and above
		DPO7054, DPO7104, DPO7254, DPO7354, DPO70404/B, DPO70604/B, DPO70804/B, DSA70404/B, DSA70604/B, DSA70804/B, DPO71254/B, DSA71254/B, DPO71604/B, DSA71604/B, DPO72004/B, DSA72004/B	V 4.3.5 and above
		MSO70404, MSO70604, MSO70804, MSO71254, MSO71604, MSO72004	V 5.0.0 and above
		TDS6124C, TDS6154C	V 5.1.5 and above
		TDS6604B, TDS6804B	V 5.1.2 and above
		CSA7404B, TDS7154B, TDS7254B, TDS7404B, TDS7704B	V 5.1.3 and above

Table 1: Applications and compatible oscilloscopes (cont.)

Application name	Software version	Oscilloscope model	Recommended firmware version
TDS DVI Compliance Tools	V 3.0.8 and above	TDS6124C, TDS6154C	V 5.1.5 and above
		TDS6604B, TDS6804B	V 5.1.2 and above
		CSA7404B, TDS7254B, TDS7404B, TDS7704B	V 5.1.3 and above
		CSA7404, TDS7254, TDS7404, TDS6404, TDS6604	V 2.5.3 and above
		DPO7354, DPO70404/B, DPO70604/B, DPO70804/B, DSA70404/B, DSA70604/B, DSA70804/B, DPO71254/B, DSA71254/B, DPO71604/B, DSA71604/B, DPO72004/B, DSA72004/B	V 4.3.5 and above
		MSO70404, MSO70604, MSO70804, MSO71254, MSO71604, MSO72004	V 5.0.0 and above
TDSET3 Ethernet Compliance Tools	V 3.1.3 and above	TDS6124C, TDS6154C	V 5.1.5 and above
		TDS6604B, TDS6804B	V 5.1.2 and above
		CSA7404B, TDS7154B, TDS7254B, TDS7404B, TDS7704B	V 5.1.3 and above
		TDS5052B, TDS5054B, TDS5104B, TDS5032B, TDS5034B	V 2.0.11 and above
		TDS7054, TDS7104	V 2.5.5 and above
		CSA7154, CSA7404, TDS6404, TDS6604, TDS7154, TDS7404, TDS7254	V 2.5.3 and above
TDSHT3 V1.2a HDMI Compliance Tools	V 3.0.2 and above	TDS6124C, TDS6154C	V 5.1.5 and above
		TDS6604B, TDS6804B	V 5.1.2 and above
		CSA7404B, TDS7254B, TDS7404B, TDS7704B	V 5.1.3 and above
		CSA7404, TDS7254, TDS7404	V 2.5.3 and above
		DPO70404/B, DPO70604/B, DPO70804/B, DSA70404/B, DSA70604/B, DSA70804/B, DPO71254/B, DSA71254/B, DPO71604/B, DSA71604/B, DPO72004/B, DSA72004/B	V 4.3.5 and above
		MSO70404, MSO70604, MSO70804, MSO71254, MSO71604, MSO72004	V 5.0.0 and above

Table 1: Applications and compatible oscilloscopes (cont.)

Application name	Software version	Oscilloscope model	Recommended firmware version
TDSHT3 V1.3 HDMI Compliance Tools	V 4.0.7 and above	TDS6124C, TDS6154C	V 5.1.5 and above
		TDS6604B, TDS6804B	V 5.1.2 and above
		CSA7404B, TDS7404B, TDS7704B	V 5.1.3 and above
		CSA7404, TDS7404	V 2.5.3 and above
		DPO70404/B, DPO70604/B, DPO70804/B, DSA70404/B, DSA70604/B, DSA70804/B, DPO71254/B, DSA71254/B, DPO71604/B, DSA71604/B, DPO72004/B, DSA72004/B	V 4.3.5 and above
DTG Pattern Files	V 3.3.2 and above	DTG5334	V 2.1.1 and above
TDSJIT3V2A Jitter and Timing Analysis (Advanced) and TDSJIT3V2E Jitter and Timing Analysis (Essentials)	V 3.0.3 and above	TDS6124C, TDS6154C	V 5.1.5 and above
		TDS6604B, TDS6804B	V 5.1.2 and above
		CSA7404B, TDS7154B, TDS7254B, TDS7404B, TDS7704B	V 5.1.3 and above
		TDS5034B, TDS5054B, TDS5054BE, TDS5104B	V 2.0.11 and above
		TDS7054, TDS7104	V 2.5.5 and above
		CSA7154, CSA7404, TDS6404, TDS6604, TDS7154, TDS7254, TDS7404	V 2.5.3 and above
		TDS5034, TDS5054, TDS5104	V 1.2.1 and above
		DPO7054, DPO7104, DPO7254, DPO7354, DPO70404/B, DSA70404/B, DPO70604/B, DSA70604/B, DPO70804/B, DSA70804/B, DPO71254/B, DSA71254/B, DPO71604/B, DSA71604/B, DPO72004/B, DSA72004/B	V 4.3.5 and above
MSO70404, MSO70604, MSO70804, MSO71254, MSO71604, MSO72004	V 5.0.0 and above		
DPOPWR Power Analysis	V 1.0.7 and above	DPO7054, DPO7104, DPO7254, DPO7354, DPO70404/B, DSA70404/B, DPO70604/B, DSA70604/B, DPO70804/B, DSA70804/B, DPO71254/B, DSA71254/B, DPO71604/B, DSA71604/B, DPO72004/B, DSA72004/B	V 4.3.5 and above
		MSO70404, MSO70604, MSO70804, MSO71254, MSO71604, MSO72004	V 5.0.0 and above

Table 1: Applications and compatible oscilloscopes (cont.)

Application name	Software version	Oscilloscope model	Recommended firmware version
RT-Eye Analysis and Compliance Tools ²	V 3.1.1 and above	TDS6124C, TDS6154C	V 5.1.5 and above
		TDS6604B, TDS6804B	V 5.1.2 and above
		CSA7404B, TDS7154B, TDS7254B, TDS7404B, TDS7704B	V 5.1.3 and above
		CSA7154, CSA7404, TDS6404, TDS6604, TDS7154, TDS7254, TDS7404	V 2.5.3 and above
		DPO7254, DPO7354, DPO70404/B, DSA70404/B, DPO70604/B, DSA70604/B, DPO70804/B, DSA70804/B, DPO71254/B, DSA71254/B, DPO71604/B, DSA71604/B, DPO72004/B, DSA72004/B	V 4.3.5 and above
		MSO70404, MSO70604, MSO70804, MSO71254, MSO71604, MSO72004	V 5.0.0 and above
FB-DIMM Compliance Module (requires RT-Eye application)	V 3.1.1 and above	TDS6124C, TDS6154C	V 5.1.5 and above
		TDS6604B, TDS6804B	V 5.1.2 and above
		TDS7704B	V 5.1.3 and above
		TDS6604	V 2.5.3 and above
		DPO70604/B, DSA70604/B, DPO70804/B, DSA70804/B, DPO71254/B, DSA71254/B, DPO71604/B, DSA71604/B, DPO72004/B, DSA72004/B	V 4.3.5 and above
		MSO70404, MSO70604, MSO70804, MSO71254, MSO71604, MSO72004	V 5.0.0 and above
SATA and SAS Test Modules ² (requires RT-Eye application)	V 3.1.1 and above	TDS6124C, TDS6154C	V 5.1.5 and above
		TDS6604B, TDS6804B	V 5.1.2 and above
		TDS7704B	V 5.1.3 and above
		TDS6604	V 2.5.3 and above
		DPO70604/B, DSA70604/B, DPO70804/B, DSA70804/B, DPO71254/B, DSA71254/B, DPO71604/B, DSA71604/B, DPO72004/B, DSA72004/B	V 4.3.5 and above
		MSO70404, MSO70604, MSO70804, MSO71254, MSO71604, MSO72004	V 5.0.0 and above

Table 1: Applications and compatible oscilloscopes (cont.)

Application name	Software version	Oscilloscope model	Recommended firmware version
InfiniBand Compliance Module ² (requires RT-Eye application)	V 3.1.1 and above	TDS6124C, TDS6154C	V 5.1.5 and above
		TDS6604B, TDS6804B	V 5.1.2 and above
		CSA7404B, TDS7404B, TDS7704B	V 5.1.3 and above
		CSA7404, TDS6404, TDS6604, TDS7404	V 2.5.3 and above
		DPO70404/B, DSA70404/B, DPO70604/B, DSA70604/B, DPO70804/B, DSA70804/B, DPO71254/B, DSA71254/B, DPO71604/B, DSA71604/B, DPO72004/B, DSA72004/B	V 4.3.5 and above
		MSO70404, MSO70604, MSO70804, MSO71254, MSO71604, MSO72004	V 5.0.0 and above
PCI Express Compliance Module ² (requires RT-Eye application)	V 3.1.1 and above	TDS6124C, TDS6154C	V 5.1.5 and above
		TDS6604B, TDS6804B	V 5.1.2 and above
		CSA7404B, TDS7404B, TDS7704B	V 5.1.3 and above
		CSA7404, TDS6404, TDS6604, TDS7404	V 2.5.3 and above
		DPO70404/B, DSA70404/B, DPO70604/B, DSA70604/B, DPO70804/B, DSA70804/B, DPO71254/B, DSA71254/B, DPO71604/B, DSA71604/B, DPO72004/B, DSA72004/B	V 4.3.5 and above
		MSO70404, MSO70604, MSO70804, MSO71254, MSO71604, MSO72004	V 5.0.0 and above
TDSUSB2 USB 2.0 Compliance Tools	V 3.5.0 and above	TDS6124C, TDS6154C	V 5.1.5 and above
		TDS6604B, TDS6804B	V 5.1.2 and above
		CSA7404B, TDS7154B, TDS7254B, TDS7404B, TDS7704B	V 5.1.3 and above
		TDS5034B, TDS5054B, TDS5104B	V 2.0.11 and above
		TDS7054, TDS7104	V 2.5.5 and above
		CSA7154, CSA7404, TDS6404, TDS6604, TDS7154, TDS7254, TDS7404	V 2.5.3 and above
		TDS5034, TDS5054, TDS5104	V 1.2.1 and above
		DPO7054, DPO7104, DPO7254, DPO7354, DPO70404/B, DPO70604/B, DPO70804/B, DSA70404/B, DSA70604/B, DSA70804/B, DPO71254/B, DSA71254/B, DPO71604/B, DSA71604/B, DPO72004/B, DSA72004/B	V 4.3.5 and above
MSO70404, MSO70604, MSO70804, MSO71254, MSO71604, MSO72004	V 5.0.0 and above		

Table 1: Applications and compatible oscilloscopes (cont.)

Application name	Software version	Oscilloscope model	Recommended firmware version
TDSPTD Protocol Trigger and Decode	V 3.1.2 and above	TDS6124C, TDS6154C	V 5.1.5 and above
		TDS6604B, TDS6804B	V 5.1.2 and above
		CSA7404B, TDS7154B, TDS7254B, TDS7404B, TDS7704B	V 5.1.3 and above
		DPO7254, DPO7354, DPO70404/B, DPO70604/B, DPO70804/B, DSA70404/B, DSA70604/B, DSA70804/B, DPO71254/B, DSA71254/B, DPO71604/B, DSA71604/B, DPO72004/B, DSA72004/B	V 4.3.5 and above
		MSO70404, MSO70604, MSO70804, MSO71254, MSO71604, MSO72004	V 5.0.0 and above
TDSVNM CAN/LIN Analysis and Protocol Decode	V 3.0.4 and above	TDS5032B, TDS5034B, TDS5052B, TDS5054B, TDS5054BE, TDS5104B	V 2.0.11 and above
		TDS7054 ⁴ , TDS7104 ⁴	V 2.5.5 and above
		TDS7154B, TDS7254B, TDS7404B, TDS7704B	V 5.1.3 and above
		DPO7054, DPO7104, DPO7254, DPO7354, DPO70404/B, DPO70604/B, DPO70804/B, DSA70404/B, DSA70604/B, DSA70804/B, DPO71254/B, DSA71254/B, DPO71604/B, DSA71604/B, DPO72004/B, DSA72004/B	V 4.3.5 and above
		MSO70404, MSO70604, MSO70804, MSO71254, MSO71604, MSO72004	V 5.0.0 and above
TekUWB Ultra Wideband Spectral Analysis	V 2.2.1 and above	TDS7704B	V 5.1.3 and above
		TDS6804B	V 5.1.2 and above
		TDS6124C, TDS6154C	V 5.1.5 and above
		DPO7254, DPO7354, DPO7404, DPO70404, DPO70604/B, DPO70804/B, DSA70404/B, DSA70604/B, DSA70804/B, DPO71254/B, DSA71254/B, DPO71604/B, DSA71604/B, DPO72004/B, DSA72004/B	V 4.3.5 and above
		MSO70404, MSO70604, MSO70804, MSO71254, MSO71604, MSO72004	V 5.0.0 and above

Table 1: Applications and compatible oscilloscopes (cont.)

Application name	Software version	Oscilloscope model	Recommended firmware version
Report Generator ³	V 3.1.3 and above	TDS6124C, TDS6154C	V 5.1.5 and above
		TDS6604B, TDS6804B	V 5.1.2 and above
		CSA7404B, TDS7154B, TDS7254B, TDS7404B, TDS7704B	V 5.1.3 and above
		TDS5052B, TDS5054B, TDS5104B, TDS5034B, TDS5032B	V 2.0.11 and above
		TDS6604, TDS6404	V 2.5.3 and above
		TDS7054, TDS7104	V 2.5.5 and above
		CSA7154, CSA7404, TDS6404, TDS6604, TDS7154, TDS7404	V 2.5.3 and above
		DPO7054, DPO7104, DPO7254, DPO7354, DPO70404/B, DPO70604/B, DPO70804/B, DSA70404/B, DSA70604/B, DSA70804/B, DPO71254/B, DSA71254/B, DPO71604/B, DSA71604/B, DPO72004/B, DSA72004/B	V 4.3.5 and above
DPODSPT DisplayPort TX Compliance	V 1.1.23 and above	DPO70804/B, DSA70804/B, DPO71254/B, DSA71254/B, DPO71604/B, DSA71604/B, DPO72004/B, DSA72004/B	V 4.3.5 and above
		MSO70404, MSO70604, MSO70804, MSO71254, MSO71604, MSO72004	V 5.0.0 and above
SignalVu Vector Signal Analysis	V2.1.0090 and above	DPO7054, DPO71604, DPO7104, DPO72004, DPO7254, DSA70404, DPO7354, DSA70604, DPO70404, DSA70804, DPO70604, DSA71254, DPO70804, DSA71604, DPO71254, DSA72004	V 4.3.5 and above
SDLA Serial Data Link Analysis ⁵	V 1.1.90	DPO70404/B, DSA70404/B, DPO70604/B, DSA70604/B, DPO70804/B, DSA70804/B, DPO71254/B, DSA71254/B, DPO71604/B, DSA71604/B, DPO72004/B, DSA72004/B	V 4.3.5 and above
		MSO70404, MSO70604, MSO70804, MSO71254, MSO71604, MSO72004	V 5.0.0 and above

¹ Oscilloscope (except CSA7000/B models, DPO7000 and DPO/DSA70000 Series, DPO/DSA70000B Series, MSO70000 Series) requires Option SM, serial masks.

² Requires Windows 2000 or Windows XP operating system.

³ Does not require an Option Installation Key or the JRE software.

⁴ Requires Windows 2000.

⁵ Option DJA is not required, but if used with the SDLA application, option DJA needs to be V 1.2.1 and above. SDLA software cannot run concurrently with other applications (for example, JIT3v2 or TDSRT-Eye software) that use VISA to access the base oscilloscope. SDLA software is fully compatible with DPOJET software.

Application Installation

NOTE. *Some applications may require a deskew fixture or a test fixture. The application online help includes connection procedures for these fixtures.*

Installing Adobe Reader

NOTE. *To view the documentation that comes with the Optional Applications Software on Windows-Based Oscilloscopes DVD, your system must have Adobe Reader installed.*

There are two methods to install Adobe Reader:

- Insert the DVD into the system drive and allow the DVD Browser to auto-start. This process checks for the Adobe Reader and lets you know if you should upgrade or install Adobe Reader.
- If you close the DVD Browser or exit the installer early, you can always access the DVD contents directly. Go to the DVD drive and double-click on the Launch.exe file. This will launch the DVD Browser. There is an Adobe Reader link on the browser home page. You can use this link to install the Adobe Reader.

Reinstalling an Application

Most applications are factory installed on the hard disk in the oscilloscope at the time the oscilloscope is shipped. The DVD serves as a backup in case you have to rebuild the hard disk. The *Optional Applications Software on Windows-Based Oscilloscopes* DVD may contain applications that were introduced after you received your oscilloscope.

The optional applications DVD may contain a newer version of the application software than the version on your oscilloscope. (The latest versions can be found at www.tektronix.com/software).

Before you continue, determine if you need to install a newer version of the application. To do this, follow these steps:

1. In the menu bar of the TekScope window, select File > Run Application > <application name> or App > <application name> or Analyze > <application name> as appropriate for your oscilloscope.
2. In the menu bar of the application, select Help > About <application> to display the software version number.
3. Check the version number of the application on the Tektronix Web site. To do so, follow these steps:

- a. Access www.tektronix.com and select Software Downloads.

The Software Downloads page appears. To define the search criteria, use one of the following methods:

- Make selections in the Browse by category Products fields.
- Enter information in the Search by keyword field. For example, Search by keyword TDSHT3.

- b. Select Go. The search returns a list of software.

- c. Scroll through the list to the desired application, select the link, and view the Web page instructions to download the application to your oscilloscope. The version number is at the top of the Web page.

If the version number is higher than the version number in the compatibility table, then follow the procedure to download the application through the Web Site. (See page 16, *Downloading Applications Through the Web Site.*)

The following table shows an example of how to check the application version numbers and determine whether you need to upgrade the application.

Table 2: Checking the application software version number example

Application on the oscilloscope	As listed in the compatibility table (See Table 1 on page 2.)	As shown on the Web site	Reinstall
V 1.0.0	V 1.0.0	V 1.0.0	No
V 1.0.0	V 1.1.0	V 1.1.0	Yes, from the DVD or the Web site
V 1.0.0	V 1.1.0	V 1.2.0	Yes, from the Web site

Installing an Application

Normally, application software resides on the hard disk of your oscilloscope. However, you may need to install the application software for the following reasons:

- You receive an application that was introduced after you received your oscilloscope.
- You have to rebuild the hard disk of the oscilloscope.
- You download an update for an application from the Tektronix Web site.

The compatibility table lists the available applications, compatible oscilloscope models, and the corresponding software version and firmware version numbers. (See Table 1 on page 2.)

NOTE. *If access is denied when you install an application software on Windows 2000 or Windows XP operating systems, try logging in as an administrator.*

The installation procedure may require a mouse attached to the oscilloscope.

Restart the oscilloscope after uninstalling and start the installation again.

Application Introduced After you Received an Oscilloscope. To install an application that does not currently reside on the hard disk of the oscilloscope from the optional applications DVD, follow these steps:

1. Insert the optional applications DVD in the DVD drive.
2. If the oscilloscope does not automatically start the Installation Browser program, follow these steps:
 - a. Select and open the **My Computer** icon.
 - b. In the Exploring - My Computer window, select the drive used in step 1 and then open the Launch.exe file.
3. Select the appropriate button for the application that you want to install.
4. Follow the on-screen instructions given by the Installation Wizard. Answer "OK" if prompted to install the JRE (Java Runtime Environment) software and accept all defaults.
5. Reboot the oscilloscope to complete the installation.

NOTE. *When you install a newer version of software, the existing version is uninstalled as part of the installation procedure.*

If you install a new version of an enabled application, you do not have to enter the authorized option installation key again.

Installing Report Generator

To install Report Generator from the optional applications DVD, follow these steps:

1. Insert the optional applications DVD in the DVD drive.
2. If the oscilloscope does not automatically start the Installation Browser program, follow these steps:
 - a. Select and open the **My Computer** icon.
 - b. In the Exploring - My Computer window, select the drive used in step 1 and then open the Launch.exe file.
3. Select the Tektronix Report Generator button to install.
4. Follow the on-screen instructions given by the Installation Wizard.

NOTE. *If the same version of the Report Generator already exists, a Modify/Repair or Remove option is displayed in a dialog box. Select the Modify/Repair option and follow the on-screen instructions to install the Report Generator.*

Applying a New Label

You need to attach a label to your oscilloscope rear panel if you do any of the following:

- Purchase a software license for an application already installed on the oscilloscope; the license allows you to enable the application
- Upgrade the licensed application to a newer version
- Purchase an application that was introduced after you received your oscilloscope

The label comes in the package with the activation key. The label contains important information, such as the serial number of the oscilloscope, options purchased for that serial number, and an authorized option installation key number. Since each label is unique, apply the new label over the existing one.

Enabling an Application

You must enter the authorized option installation key to enable all purchased applications and product options on your oscilloscope. The key is unique; it is specific to the serial number of the oscilloscope and purchased options.

Follow these steps to enter your alphanumeric key number:

1. Power on the oscilloscope and set it to the menu-bar mode.
2. Go to the Utilities menu in the menu bar and select Option Installation.
3. Follow the on-screen instructions to enter the alphanumeric key number exactly as it is printed on the rear-panel label.

Starting an Application

To start an application, select File > Run > <application name>, App > <application name>, or Analyze > <application name> in the menu bar of the TekScope window. Some applications can also be started from the desktop. After loading the application, check for a shortcut application icon on the desktop.

After installation, the user manuals and the application are available on the oscilloscope from Start Menu > Programs > TekApplications.

Downloading Applications Through the Web Site

You can find information about applications and firmware for your oscilloscope at www.tektronix.com/software. You can download updates to the software and other free applications.

NOTE. *When you update an application, the Release Notes file from www.tektronix.com replaces the Readme.txt file in the Web download self extracting.exe file.*

To download an application to your oscilloscope or personal computer, follow these steps:

1. Go to www.tektronix.com/software.

Use one of the following methods to define the search criteria:

- Select Products and then Oscilloscopes in the Browse by category fields.
- Enter information in the Search by keyword field. For example, Search by keyword TDSUSB2.

2. Select Go. The search returns a list of software.

3. Browse to and select the link for your software.

Notice that the software link you selected includes other links to view the Installation Instructions and the Release notes, plus the version number of the application at the top of the page.

4. Click the Download File button. A MyTek Profile appears.

- a. Log on to your MyTek Profile or create a new profile. When finished, a File Download dialog box appears.
- b. Select Save on the File Download dialog box, and then specify a location to save the .exe file, such as your personal computer or oscilloscope desktop.

If you save the downloaded file to your personal computer, you may want to copy this file to a DVD media, a CD-ROM or a USB flash drive to transfer it to your oscilloscope.

5. To start the installation, open the downloaded file and follow the on-screen prompts. To complete the installation, reboot your instrument.