



This document describes the features of the **Océ WRD 3.2 Driver** and its known problems and limitations.

The Windows Raster Drivers 3.2 for the Océ TDS family (TDS300, TDS400, TDS600 & TDS800), are designed to for fuse with Microsoft Windows™ operating system.

New in WRD 3.2 for TDS printers

New printer	TDS300
New functionalities	None
Bug fix and/or specification changes	Miscellaneous : Translation Japanese "About" User Interface Print Optimization when setting "Black & White" Long Plot limitation on Windows 2000 & XP for TDS300 & TDS400
	Bug Fixes : None

Change details :

New Printers

TDS300
The New TDS300 Océ Printers is now supported by the WRD 3.2 driver for TDS printers.

New functionalities

None

Miscellaneous

Translation

The "All rights reserved" sentence lying into each "About" dialog box is now translated in Japanese.

User Interface

When set to "Black & White, the Print Optimization is now deactivated into the RCF header generated.

Long Plot limitation on Windows 2000 & XP for TDS300 & TDS400

Due to OS limitation (4 GB of surface), it was impossible to perform longplot greater than 8 meters at 600 DPI.



The SP4 for Windows 2000 and the SP1 for Windows XP suppress this limitation and permit to print long plot up to 15 meters at 600 DPI.

This problem is then not dependant of the driver version but of the Operating System.

Bug Fixes

None

Operating systems supported: (No change from previous revision)
Windows 98, Windows ME, Windows NT4.0 (Service Pack 6), Windows 2000 and Windows XP.

Supported Languages: (No change from previous revision)
The WRD 3.2 TDS series printer driver supports the following 17 languages:

- Chinese simplified
- Chinese traditional
- Czech
- Danish
- Dutch
- Finnish
- French
- German
- Hungarian
- International English
- Italian
- Japanese
- Norwegian
- Polish
- Portuguese
- Spanish
- Swedish

Specification deviation in WRD3.2: (No change from previous revision)

WRD3.2 printer driver for TDS printers has the following deviations from the original specifications:

Under Windows 98 & ME:

Custom paper size is not supported.

Under Windows NT, 2000 & XP:

Going in the Custom size Dialog Box after choosing the User-Defined, impacts the maximum Custom Size authorized. Actually, the User-Defined Paper Limitation would be copied into the Custom-Size Limitation. As Workaround, it has been chosen to constraint the user to not get the ability to go into the Custom Size Dialog Box as long as the User-Defined is selected. Then, if the user selects the User-Defined lying in the Paper Size List, the Custom Size Button would be grayed.

Under all OS:



Entering some Paper size into the User-Defined/Custom Size numerical dialog boxes sometimes results in getting the value increased by 1 when validating the entry. This is due to the operation rounding based on the 100 DPI Base Units defined in the Kernel. Only MM measurement is concerned.

There was a difference of Dithering between WRD3 and WRD2. The Half-toning applied was different when using Automatic Mode. A research on the Automatic mode put into highlight it was not activated in WRD2. That's a reason why it has been suppressed from WRD3.

The WRD3.2 drivers for TDS Printers is available on the Océ-NA Web site tss.oceusa.com
This driver is also delivered on a specific CD-ROM called "Driver Pack 15" this only available with a new machine..

1. Installation: (No change from previous revision)

The WRD is installed like any standard printer driver. See the full installation instructions in the Installation Guide document.

Under all OS:

Select "setup.exe"
Follow the instructions on the screen, reboot the PC when asked

Or

Select Start->Settings->Printers, and double-click "on the "Add Printer" icon
Follow the instructions, and click on "have disk" in the dialog where the manufacturers and printer models are listed
Specify the path to the driver's "TDS.inf" and click on "Ok"
Follow the instructions on the screen, reboot the PC when asked

2. Enabling Sharing abilities for Multi-OS: (No change from previous revision)

Under Windows NT:

Right click on the printer in the printer folder,
Choose sharing,
If necessary, you can add 'alternate drivers' for 9x clients by clicking on Windows 95 in the OS list of the alternate drivers,
Click OK,
You should be asked the path to the TDS.inf file for your windows 9x printer driver.

NB: If the driver for the targeted OS were already installed and needed to be upgraded, just reselect it and click OK. The additional driver should be upgraded.

Under Windows 2000 and XP:

Right click on the printer in the printer folder,
Choose 'Share this printer',
If necessary, you can add 'additional drivers' for 9x and NT/2000 clients by checking the targeted OS in the additional drivers' list. Windows 95 in the OS list,
Click OK,
You should be asked the path to the TDS.inf file for your 'Windows 9x' or 'Windows NT or 2000' printer driver.



Note1: For Windows 2000 and XP, the system should display a message telling the user that the driver is not signed. Just click 'Continue installation'.

Note2: If the driver for the targeted OS were already installed and needed to be upgraded, just open the 'server properties' under printer folder \ File menu. Under 'Drivers', select you model-targeted OS and click on 'upgrade'.

3. Version identification: (No change from previous revision unless the revision number)

The driver WRD3.2 has the version identification "3.2".

To view the driver version number:

- Press <Start> button
- Choose "Settings"
- Choose "Printers"
- Select a printer using the driver
- Right click

Then depending the OS:

Under Windows 98 and ME:

- Choose "Properties"
- Select the "Basic" tab
- Press <About> button

Under Windows NT, 2000 & XP:

- Choose "Documents Defaults"
- Press <About> button

Under Windows 2000 & XP:

- Choose "Printing Preferences"
- Press <About> button

4. Un-installation: (No change from previous revision)

See the full un-installation instructions in the Installation Guide document to properly delete/uninstall the driver. Make sure that the driver is not set as default.

Under Windows 98, ME:

Warning: Reboot your PC before any un-installation steps.

- Select Start->Settings->Control Panel, then Add/Remove programs
- Select your printer and push "add/remove" button
- Follow the instructions on the screen, reboot the PC when asked

Or:

- Select "TDSZ.exe" from your driver pack CD-ROM.
- Follow the instructions on the screen, reboot the PC when asked

These uninstallation steps can be applied whether the printer driver is installed locally or **from** a Windows NT or Windows 2000 server (**Windows 98 client side**).



Under Windows NT4.0, 2000 and XP Local Driver (or server side):

There are two ways to delete drivers under Windows NT, 2000 & XP.

Select Start->Settings->Control Panel, then Add/Remove programs
Select your printer and push "add/remove" button
Follow the instructions on the screen, reboot the PC when asked

Or:

Select "TDSZ.exe" from your driver pack CD-ROM.
Follow the instructions on the screen, reboot the PC when asked

This process only uninstalls the local driver for the native OS. To remove all additional drivers (for windows 9x under Windows NT, for Windows 9x and Windows NT under Windows 2000/Xp) see below.

Windows 2000 and XP additional un-installation process:

There is a third way to uninstall our driver under Windows 2000 and XP. The steps are explained below:

In the printer folder menu, select File\Server properties
Select the "Drivers" tab
Select your printer driver (associated to the your native OS)
Choose "Delete".

This process can be used whether to uninstall the local driver or the **additional drivers**. There is no equivalent for removing the additional drivers under Windows NT.

Windows NT 4.0, 2000 and XP Shared Driver (client side)

Select Start->Settings->Printers, and delete the driver
Reboot the PC afterwards

5. Manual Uninstall: (No change from previous revision)

In some cases the drivers may need to be uninstalled 'manually'. Driver files have to be deleted one by one and the registry needs to be properly cleaned. For Windows 9x and ME, such problem may appear when the printer has been used for printing before the uninstallation process is performed or when changing the output port before any printing process.

NOTE: in the following subsections, '#' (pound sign) is to be replaced the model number (e.g.: TDS400 => # is 400).

Here are the steps to follow for a manual uninstall:

Windows 98 and ME



Before starting the procedure, make sure that the printer is not visible through the "Printers Folder"; if it is, select it and delete it.

Open your preferred registry editor (or simply type 'regedit' in the run dialog box of the start menu) and remove the following keys:

```
HKEY_LOCAL_MACHINE\System\CurrentControlSet\  
Control\Print\Environments\Windows4.0\Drivers\Oce TDS#  
HKEY_LOCAL_MACHINE\System\CurrentControlSet\ Control\Print\Printers\Oce  
TDS#
```

The driver's files are now to be removed. If you've used (printed with) the driver during your current windows session it is required that you reboot your PC before proceeding.

Delete the following files located in the 'windows\system' directory:

```
TDS*. *  
Otds*. *  
WRD_OH.hlp  
WRD_oh.cnt
```

NOTE: In the case of an install / uninstall failure, some registry keys or driver files might be missing.

Windows NT 4.0, 2000 and XP

Open your preferred registry editor (or simply type 'regedit' in the run dialog box of the start menu) and remove the following keys:

```
HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Control\Print\Environments  
\Windows 4.0\Drivers\Version-0\Oce TDS#  
(For shared drivers under Windows NT – additional drivers for windows 9x)  
HKEY_LOCAL_MACHINE\SYSTEM\ CurrentControlSet  
\Control\Print\Environments\Windows NT x86\Drivers\Version-2\Oce TDS#  
HKEY_LOCAL_MACHINE\SYSTEM\ CurrentControlSet  
1\Control\Print\Environments\Windows NT x86\Drivers\Version-3\Oce TDS#  
(For shared drivers under windows 2000 – additional drivers for Windows NT)  
HKEY_LOCAL_MACHINE\SYSTEM\ CurrentControlSet \Control\Print\Print  
Processors\TDSS  
HKEY_LOCAL_MACHINE\SYSTEM\ CurrentControlSet  
\Control\Print\Monitors\Oce TDS Language Monitor  
HKEY_LOCAL_MACHINE\SYSTEM\ CurrentControlSet \Control\Print\Printers\Oce  
TDS#
```

Repeat these steps for every 'ControlSetxxx' found under the 'HKEY_LOCAL_MACHINE\SYSTEM' key. (e.g.: ControlSet002, ControlSet003, etc...)

The driver's files are now to be removed. Delete the following starting from the 'winnt\system32\spool' directory:

```
TDS*. * files located in '.\drivers\w32x86'  
Otds*. * files located in '.\drivers\w32x86'  
Repeat the two previous steps but in the '.\drivers\w32x86\2' directory.  
Repeat the two previous steps but in the '.\drivers\w32x86\3' directory.  
TDSS.dll located in '.\prtprocs\w32x86'
```



NOTE: Some registry keys or driver files might be missing.

Known Problems

1. Known Limitations of the TDS WRD3.2 driver: (No change from previous revision unless the introduction of the TDS300)

WRD 3.2 printer driver for the TDS series printers have the following known limitations.

Under All OS:

A plot is always printed short-edge first (like WRD1 and WRD2). One can print landscape but the plot will come out short-edge first.

A same printer cannot coexist in different languages on the same workstation. This is due to the name of the printer and of all of its modules, which is exactly the same regardless of the language. So the language used will always be the latest installed.

Under Windows 98 and ME :

TDS400 & TDS300:

The maximum print length is 2.76m through User defined paper size depending on the resolution set by the user:

At 600 dpi, the maximum paper length is 1.38m

At 300 dpi, the maximum paper length is 2.76m.

TDS600 & TDS800:

The maximum print length is 3.27 m through User defined paper size depending on the resolution set by the user:

At 400 dpi, the maximum paper length is 2.08m

At 200 dpi, the maximum paper length is 3.27 m

At 100 dpi, the maximum paper length is 3.27 m

Under Windows NT, Windows 2000 and Windows XP:

The maximum print length is 3.27m through User defined paper size no matter the resolution used

2. Known Problems of the TDS WRD3.2 driver:

Some known problems with the driver or applications exist.

2.1. New problems in WRD3 printer driver - TDS series

Under all OS:

When attempting to print from a Terminal Client to a Windows NT 4.0 Terminal Server, a "Blue Screen" occurs on the Server side.

Under Windows 98 and ME:

None.

Under Windows NT, Windows 2000 and Windows XP :

None.



2.2. Already existing known problems

Under All OS:

The Status Monitor is not closing after despooling job is completed whereas the option of Auto-Close is active.

There's some conflicts when installing WRD3 whereas WRD2 is already installed. Before installing WRD3, it is needed to uninstall WRD2.

Driver settings are not "initialised" when the driver properties are shown from certain applications. This results in unpredictable behavior.

Work Around: Set the printer driver as default.

Some applications don't take into account the values selected in the drivers' properties in the print setup dialog. It's possible to have 2 different configurations but only one is used while printing.

Workaround: Set all the features you'll want to apply through the driver default settings. Then Use only the application specific settings to make other changes but do not change the driver specific settings through the application.

Following cutting method behavior correction with WRD2 printer driver for DP11 delivery, the following observations have been noticed:

The "cut on plot size" and "cut on standard size" are dependant on the PS NO CLIP controller setting under System administrator setting\HP-GL2 menu.

The cut on plot size option (driver default) is only available when PS NO CLIP is set to ON (which is the controller default setting).

Using "Autorotation productive" feature, it is highly recommended to select both "Cut on standard size" and PS NO CLIP to OFF (as long as PS NO CLIP option cannot be set in the ticket header).

This bypasses the PDL partial framing behavior, which disables the autorotation ability.

Keeping either "cut on plot size" or PS NO CLIP = ON options sometimes works since Printer Controller partial framing behavior is not really predictable. Sending wide plots at high resolution such as 600 dpi induce partial framing the more often. Just keep in mind that with full raster data, controller does not support autorotation productive when there is partial framing unless PS NO CLIP is set to OFF (that is that the image size is already known by the controller)..

Under Windows 98 and ME:

The Status Monitor is not working since there's no progress information. The Status Monitor is pop-up (when printing over the network) but doesn't change of state during the printing.

Printing over the network to a Printer located inside a Workgroup will result in crashing Windows. This is a Microsoft Bug (271754) related to the use of a Status Monitor in our case.

Work Around: There are two ways to avoid this problem. First, it is possible to declare the printer inside a Domain and not in a Workgroup. Then, some Trust Relationship should be declared between the domain sending the print job and the one receiving. Second, it is possible to patch the Client computer starting the print job. The patch is downloadable from the Microsoft Web site. Nevertheless, this patch is only accessible to customer with a Microsoft account.



Keeping the driver detected by the wizard during a re-installation of a driver, which has been deleted before, causes the installation to fail.

Work Around: During the re-installation choose to replace the existing driver.

When the driver is set to print to a queue it will always print to the queue even if "print to file" is selected in the application.

Work Around: Set the driver to print to file in the driver's properties (control panel, printers, right-click, properties).

Uninstalling the driver sometimes fails, mainly when users have performed any print operation before deleting the printer **without rebooting before any uninstallation steps**. Reboot before any Re-installation steps. See **Uninstall section** for further information.

When using WRD3 printer driver on **Windows 95a** client from a WinNT or Win2000 server, some changes may be asked by the system to enable the printing process. The following message is displayed:

"There was an error writing to \\server\TDSx00 for the printer (Oce TDSx00). There was a problem printing your document. Try again printing. If the problem persists, try choosing the raw spool data in the properties of your printer, and try printing again"

Work Around: You'll have to set the 'data type' field following these steps:

- o Open the drivers folder and right click on your printer,
- o Open Properties\details\spooler parameters,
- o Change the data format from "PM-JOURNAL" to "RAW" and reboot.

After successful un-installation steps, when the same drivers is installed in another language, all the helping entries (context sensitive help, help push button and help content) remain in the previously installed language.

Work Around: Delete the Windows global index file (*.gid - generated with the first opening of any help file) in the folder C:\WINDOWS\SYSTEM.

Under Both Windows NT, Windows 2000 and windows XP:

Printing under AutoCAD 2000 could produce wrong output regarding to "Stairs" effect on filled area border. This is related to PR 2002-0999.

Un-installing the printer driver via the Uninstall procedure sometimes fails (i.e launching the TDZ.exe from the CD-Rom or selecting the "Add\Remove programs"). This issue is unpredictable. Symptoms are the following:

- o From "Add\Remove programs", Windows displays the following message: "Unable to launch the uninstallation process".
- o Via the CD-Rom executable file, Reinstalling the printer driver is impossible. Installation displays the following message: "Uninstalling process has failed".

Performing "vector type" drawing or vector type objects (patterns, rectangles and so on) for long plots with CorelDraw application leads to clipped plots or uncompleted plots. Depending on the resolution used for printing, vector objects disappear after the following lengths:

- 1.38 meters for 600 dpi
- 2.08 meters for 400 dpi
- 2.77 meters for 300 dpi



4.16 meters for 200 dpi
8.32 meters for 100 dpi

Performing "raster type" drawing such as bitmaps works fine at any resolution. See also TDS400 specific Windows 2000 and XP issues paragraph. This issue is application-specific (i.e. only with CorelDraw).

Under Windows NT:

When uninstalling WRD3 printer driver from Windows NT server via Unsetup process, only the files and registry keys are removed. The registry keys and files of the additional drivers to share the printer driver are not removed and have to be removed manually. See manual uninstall section.

When uninstalling a printer driver installed as a network printer from the printer folder, uninstallation fails and the driver has to be removed manually.

Under Windows 2000 and Windows XP:

When uninstalling WRD3 printer driver from Windows 2000, XP server via Unsetup process, only the files and registry keys are removed. The registry keys and files of the additional drivers to share the printer driver are not removed and have to be removed manually. See manual uninstall section.

When uninstalling a printer driver installed as a network printer from the printer folder, uninstallation fails and the driver has to be removed manually.

TDS400 Specific:

It is not possible to print under any application if using Paper size greater than 8 Meters Length (case of 914 mm width) WRD3 at 600DPI.

This is due to a Microsoft Limitation which is 4 Gigabytes of Surface limit.

2.3. Known Problem Application – TDS Series

Under Windows NT 4.0, Windows 2000 and Windows XP :

For all languages, under Adobe Acrobat 5, using a custom paper size (setting paper width and paper length to a predefined paper format) vs. the Standard paper format associated does not take the same time. Generation process is faster with the predefined paper format comparing to the predefined paper size. This is due to a bad configuration of Acrobat Reader 5 since an option of auto-rotation is checked by default.

Work Around: Uncheck the Adobe Auto-Rotation option and be careful if the custom paper size defined is compatible with the orientation chosen in the driver panel (Landscape or portrait).

Under Windows 98 and ME:

When performing a print to file using "Imaging" application causes the OS to freeze. The first symptom is the loose of mouse focus.

Work Around: None.

Printing under AutoCad 2000 crashes the driver. A fatal error occurs.

Workaround: Download the patch from the AutoDesk website. This patch is registered under the following ID: TS32547.

Under Windows 2000 and Windows XP:



Due to application behavior, collate function of the Microsoft Word 97 doesn't work.