

triCerat ScrewDrivers® vs. UniPrint 5.1.1

Features	ScrewDrivers V3	UniPrint Suite	UniPrint TSEVersion
Maximum Resolution	No limit, reads from native driver.	+1200 dpi	1200dpi
Color and Grayscale	YES	YES	YES
Compression of print stream	YES	YES	YES
Print job streaming	YES	NO	NO, PDF file transfer
MetaFile Format	triMeta, triCerat's format for printing. Overcomes limitations with EMF	YES	PDF
Font Embedding	YES	YES	YES, configurable
Customizable naming scheme	YES, 4 pre defined schemes and 1 custom name scheme which the administrator controls	NO	NO
Control Bandwidth on Server and/Or Client	YES, easy from control panel	YES	YES
Printing bandwidth control for ICA and RDP	YES for Both		RDP Only
Default printer spooling function	YES	NO	NO
Change of default printer on client reflected on server without logout	YES	NO	NO
Delete printers on disconnect/add on reconnect	YES	NO	NO
Archive Print jobs	Possible to save all print jobs as PDF files for archiving on server and client side of the connection	NO	NO
Save as PDF	On Server or Client drives	YES, only network drives	YES, only network drives
Save as BMP	On Server or Client drives	NO	NO
Works in mixed farms of Citrix Presentation server	YES, and also without Citrix	YES	NO
Workflow integration	YES, Action function can be used	NO	NO
Auditing capabilities	YES, Action function can be used	NO	NO

Properties picked up from client	The following properties are queried from the local printer driver and passed to the server: 1. Bins (Trays) 2. Collation 3. Color 4. Copies 5. Duplex 6. Resolutions (Print Quality) 7. MaxExtent/MinExtent 8. Orientation 9. Paper Sizes 10. Scaling	NO	NO
AutoCreation of printers	YES, seamless for users	NO, template printer used	NO, template printer used
Driver template based print solution	NO, AutoDriver™	YES	YES
Active Directory Integration	Available in triCerat Simplify Suite® *	YES	YES
Assign settings based on Client IP Address, client name, server name, group or user	Available in triCerat Simplify Suite® *	NO	NO
Assign settings based on Organizational unit	Available in triCerat Simplify Suite® *	NO	NO
Watermark on printout	NO, 30 days trial with no watermark.	YES and NO	YES and NO
Using PCL or PS as print format	NO, uses triMeta™	NO	NO
Using PDF as print format	NO, uses triMeta™	YES	YES
Dedicated Print Server support	Available in triCerat Simplify Suite® * with Native drivers	YES	NO
THIN Client support for Windows CE and Linux	Available in triCerat Simplify Suite® * with Native drivers	YES, thru dedicated print server support	NO
Works with clients behind firewall or NAT	YES, seamless thru virtual channel	YES	YES

User Experience	ScrewDrivers V3	UniPrint Suite	UniPrint TSEVersion
Looks like normal windows print dialog when printing	YES	YES, but adds extra steps in print behavior	YES, but adds extra steps in print behavior
Use can only see options that the printer has enabled	YES	NO	NO
Only clients local default printer is connected	Configured from server component. (All printer, only default, only 2 first printers etc)	No printer is connected, only PDF writer printer is displayed	No printer is connected, only PDF writer printer is displayed
Requires user training	NO, seamless to the user	YES, as it changes the way the user needs to work	Minimum
Print Preview on Client	NO, not needed as all printers are available in the session	YES, needed to select printer adding extra work for users	YES, needed to select printer adding extra work for users
Extended Printer Properties Support (Stapling, sorting etc)	YES	YES	YES
Login overhead	NO, creation of printers is very quick. One or multiple printers are created within seconds.	NO	NO
FastPrint	Printing with ScrewDrivers is Fast	PDF printouts will be slow on some printouts and some print jobs may create multiple PDF files causing multiple dialogs to come up.	PDF printouts will be slow on some printouts and some print jobs may create multiple PDF files causing multiple dialogs to come up.

Administration	ScrewDrivers V3	UniPrint Suite	UniPrint TSEVersion
Administrators can access users printers	YES	YES	YES
Other users can access other users printers	NO	NO	NO
Using normal print spooler functions	YES	NO, PDF File transfer	NO, PDF file transfer
Configuration Ease	Very Easy	Complex	Easy
Administration Ease	All configuration is done from control panel on server	Complex	Easy
Adds additional services to the server making the print process more complex to troubleshoot and more likely to fail	NO, functions as normal windows printing.	YES, Adds 6 different services that needs to run and be working on the servers.	
Designed to be a fall back solution and only to be used when native driver is not available.	NO, designed to replace printing in Terminal Server based environments.	No	NO
Requires inventory of printer models and drivers	NO, printers are virtualized on server	No	NO
Requires printer name mapping	NO	NO	NO
Replication of Drivers Needed	NO, only one printer driver is used	NO	NO
Possible to combine with native drivers	YES	YES	YES
Support for 2 generation of printer drivers	YES	YES	YES
Need of maintaining a Driver Compatibility List	NO	NO	NO
Printer Caching in server side user profile	NO	NO	NO
Printer settings can be changed within session for store on client	NO, users will get the settings from local driver	NO	NO
Universal driver requires Win32 device at printer location	YES	YES	YES

Requirements	ScrewDrivers V3	UniPrint Suite	UniPrint TSEVersion
Supported Server OS	Windows 2000 or Windows 2003 with Terminal Server enabled	Windows 2000 w/SP4 and Windows 2003 with Terminal Server enabled. Microsoft Data Access Component Version 2.7 or later. Microsoft Jet Database Engine 4.0 Service Pack 3 or later.	Windows 2000 w/SP4 and Windows 2003 with Terminal Server enabled. Microsoft Data Access Component Version 2.7 or later. Microsoft Jet Database Engine 4.0 Service Pack 3 or later.
Supported Client Platforms	Windows 95, 98, ME, 2000, XP, 2003	Windows 95, 98, ME, 2000, XP, 2003, Linux and Macintosh	Windows 98, NT 4,0, 2000, XP
Thin Client Support	YES, Windows XP embedded and embedded Windows NT	Thru a distributed print server	NO
Client Connection Protocol	RDP or ICA	RDP or ICA	RDP
Connection Client version supported	MS RDP Client and/or Citrix ICA 4 (or later) client	MS RDP or ICA v 6.00.910 or later	MS RDP
Client installation required	YES	NO	YES

Installation	ScrewDrivers V3	UniPrint Suite	UniPrint TSEVersion
Ease of Server installation	Very easy	Complex, lost of pre-requirements and dependencies	Easy
Server Components	AutoDriver controlled from 1 configuration utility	UniPrint Server, UniPrint Spool server, UniPrint Server Plus, and optional install of UniPrint Print PAL	UniPrint Configurator, loginscripts
License manager installation required	NO	A license file is required	NO
Initial Installation requires restart of spooler	NO	Restart of server needed	Restart of server needed
Configuration of printer template required	NO	YES	YES

Trial license key required for evaluation	NO	YES, license file	NO, but then you get watermark
Ease of client installation	VERY EASY install, more ScrewDrivers client packages can be downloaded from the triCerat support website.	Easy	Easy
Client install package size	1,7MB (ICA and RDP, separate versions available on website)	>9MB	>9MB
Server install package size	1,4MB (RDP and ICA)	>50MB	>50MB
Clients for easy deployment available for download	YES, .MSI, .EXE .CAB, activeX, bundled with Citrix clients, PN, PNA and webclient	.EXE, .MSI and .cab	.EXE, .MSI and .cab
Client can be installed and work with both ICA and/or RDP	YES	YES	NO

Server Configuration	ScrewDrivers V3	UniPrint Suite	UniPrint TSEVersion
Option to control printer naming	YES	NO	NO
Separate bandwidth settings for ICA and RDP	YES	NO	NO
Easy way to control printer naming from server	YES, with naming schemes or custom names.	NO	NO
Define print method for users	YES	NO	NO
Control build in PDF rendering?	YES	YES	YES
Control Action settings after print out	YES	NO	NO

Client Configuration	ScrewDrivers V3	UniPrint Suite	UniPrint TSEVersion
Client Install needed	YES	NO	YES
Spoof default printer function	YES	NO	NO
Monitor default printer option	YES	NO	NO
Client side bandwidth control	YES	YES	YES

* Simplify Suite® v4

The most powerful and comprehensive package of integrated server management tools available for reducing the cost and complexity of administering and supporting your Terminal Server-based infrastructure. Simplify Suite v4 has been re-engineered from the ground up. It incorporates triCerat's Day Zero® Technology, a software framework that extends and enhances Windows 2000 and 2003 Server operating systems, boosting Terminal Server performance, reliability and security.

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