

HP Driver Configuration Utility (DCU)

Release Notes

The HP Driver Configuration Utility (DCU) is a small Windows application used to edit the configuration file associated with a particular driver. The configuration file defines the default printer settings for the driver applied at the time of installation. The settings defined within the DCU take effect when the printer is installed.

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Acknowledgements

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Version

HP Driver Configuration Utility Version – v1.640.1.32746

Release Notes version 1 – April 2017

Supersedes

DCU Version	Release Date	New Features	Required UPD version for new configurable options
1.640.1.32746	April 2017	<ul style="list-style-type: none">Added support for Optional Output Bin, Staple, Punch, V-fold, C-fold, and Booklet Maker settingsAdded support for new print quality settingsAdded support for Group Watermarks	UPD 6.4.1 and later
1.630.1.32422	October 2016	<ul style="list-style-type: none">Resolve issue where username watermark is blank in DCU tool in Chinese OS	UPD 6.3.0 or Later
1.620.1.31951	February 2016	<ul style="list-style-type: none">Dynamic Watermarks - Document Name & Page Numbers	UPD v6.2.0 or Later
1.610.1.31195	November 2015	<ul style="list-style-type: none">Date and Time WatermarkEnforce minimum password length for Secure Encrypted Print (SEP)	UPD v6.1.0 or Later
1.600.1.29595	December 2014	<ul style="list-style-type: none">N/A	UPD v6.0.0 or Later
1.590.1.27940	August 2014	<ul style="list-style-type: none">Updated help contents	UPD 5.9.0 or Later

DCU Version	Release Date	New Features	Required UPD version for new configurable options
1.580.1.24870	January 2014	<ul style="list-style-type: none"> Lock watermark 	UPD 5.8.0 or Later
1.570.1.22754	September 2013	<ul style="list-style-type: none"> No New Features 	UPD 5.7.0 or Later
1.565.1.21758	June 2013	<ul style="list-style-type: none"> New Device Support New HP logo 	UPD 5.6.5 or Later
1.56.2.2	December 2012	<ul style="list-style-type: none"> Added support for Windows®8 Added New Media size (L size) support Enable Separator page configuration Help text string changes for User Interface DCU input dialogue box requesting new shortcut name should be selected-active allowing keyboard input with all UPD versions. DCU startup warning message updated for all UPD versions. 	UPD v5.6.0 or Later
1.0.4.102	June 2012	<ul style="list-style-type: none"> Define Trays 1-10 as Installed or Not Installed 	UPD v5.5.0 or Later
1.0.4.100	December 2011	<ul style="list-style-type: none"> Job Storage Mode, PIN to Print adds setting "Request PIN (while printing)" for every new print job 	UPD v5.4 or Later
1.0.0.50	July 2011	<ul style="list-style-type: none"> Define device type COLOR for UPD Job storage configuration for Secure Encrypted Print with Personal job and stored job option. "Job Retention Mode" setting changed to "Job Storage Mode"; new help text added. Raster Compression 	UPD v5.3 or Later
1.0.0.40	November 2010	<ul style="list-style-type: none"> Lockable watermark 	UPD v5.2 or Later
1.0.0.39	August 2010	<ul style="list-style-type: none"> Help About shows DCU version; 1.0.0.39 localized version release (Aug 2008) 	UPD v5.0; 5.1 or Later
1.0.0.38	July 2009	<ul style="list-style-type: none"> Add/Delete default short cuts 	UPD v5.0 or Later
1.0.0.29	November 2008	<ul style="list-style-type: none"> Printer Auto Configuration 	UPD v4.7 or Later
1.0.0.26	March 2008	<ul style="list-style-type: none"> Configure Status Notification Popup (enable/disable) 	UPD v4.5 or Later

Driver Configuration Utility is bundled with PARK tool available on www.hp.com/go/upd

NOTE: DCU version can also be checked from the file properties of hpbcfgui.dll

Description

The HP Driver Configuration Utility (DCU) is a small Windows application used to edit the configuration file associated with a particular driver. The configuration file defines the default printer settings for the driver applied at the time of installation. The settings defined within the DCU take effect when the printer is installed.

The HP Driver Configuration Utility (DCU) does not perform the tasks of installation or driver deployment. Rather, DCU is a file editor used to define the installation defaults such as duplex enabled, print in

grayscale, etc. The settings are saved to a driver configuration file which is utilized to establish the newly installed printer's default settings at the time of installation from any of the UPD's supported installation methods (install.exe, Microsoft's Add Printer Wizard, PrintUI, etc.).

Please reference the HP Universal Print Driver System Administrator's Guide and the HP Driver Configuration Utility documentation for full details installing and using the utility.

The DCU program is available for download in the HP Printer Administrator Resource Kit (PARK) from www.hp.com/go/upd

Update recommendation

Recommended/Advised – Includes new enhancements, features, and/or minor bug fixes. HP recommends all customers to update.

Product Models

DCU supports the HP Universal Print Driver (UPD) and model-specific printer drivers, which have a CFG file in the driver package.

Devices Supported

Refer to the specifications tab at www.hp.com/go/upd for a list of devices, which are supported by the HP UPD.

Operating Systems

- Microsoft Windows 7 SP1*
- Microsoft Windows 8 / 8.1
- Windows 10
- Microsoft Windows Server 2008R2 SP1
- Microsoft Windows Server 2012 / 2012R2
- Microsoft Windows Server 2016

*Microsoft has ended mainstream support for this operating system.

NOTE: DCU is a 32-bit application but will run on 64-bit operating systems

Languages

The Driver configuration utility (DCU) is available in the following 35 languages:

Arabic	Finnish	Latvian	Slovak
Bulgarian	French	Lithuanian	Slovenian
Catalan	German	Norwegian	Spanish
Croatian	Greek	Polish	Swedish
Czech	Hebrew	Portuguese (Brazilian)	Thai
Danish	Hungarian	Romanian	Traditional Chinese
Dutch	Italian	Russian	Turkish
English	Japanese	Serbian (Latin)	Ukrainian
Estonian	Korean	Simplified Chinese	

Enhancements/Features

- Added support for Optional Output Bin, Staple, Punch, V-fold, C-fold, and Booklet Maker settings
- Added support for new print quality settings
- Added support for Group Watermarks

Issues and Workarounds

- CR 51108 -- An Extra symbol "\$" is seen for Media types Light Rough, Light Bond.
- CR 51147 -- Junk characters are seen in Output Bins in DCU when output accessory is selected as HP 3-Bin Stapler/Stacker - Mailbox Mode, Function Separator Mode or Stacker Mode.
- CR 54093 -- HP UPD PCL6 - Settings such as Mopier are disabled after installation with setting set to Enabled in DCU CFM file when not pointing at an actual device that supports Mopier mode.
 - Workaround:
 - To preconfigure a feature through DCU there must be a change made to that feature in cfm/cfg. When no change is made for a particular option, no registry entry is created and no change will occur during installation. As a workaround:
 1. Open DCU, open the .cfg file and save as .cfm
 2. For example, for Mopier Mode, change Mopier Mode to Disabled and Storage Device as Not Installed
 3. Save the .cfm, and close DCU
 4. Reopen DCU and the .cfm
 5. Change Mopier Mode to Enabled and Storage Device as Installed
 6. Save the .cfm file and close DCU
 7. Drop the .cfm file in the /3 folder, or call the .cfm file via cmd line install switches

NOTE: Do not pre-configure Personal Job Locked for the HP MFP S900 series devices. Personal Job is not supported on these devices.

Installation instructions

No installation is necessary. Copy the contents of the Driver Configuration Utility directory to the desired directory on the hard drive of the client computer where HP UPD and/or device-specific printer drivers will be preconfigured.

Usage

For usage instructions, please see the Driver Configuration Support Guide included with the utility.

A training video for this utility is available on YouTube. Use the following link to access this training:
<http://youtu.be/4jx1jBXrVUU>

CFG/CFM File support

From UPD 5.1 onwards, the UPD supports hpcpu*.cfg and hpcpu*.cfm files only.

NOTE: UPD 5.0 or Older uses *.cf_ file instead of *.cfg file.

Which configuration file can be used with HP UPD?

Configuration File Name	Supported UPD version
C:\Windows\system\..\3\hpcpu*.cfm Step 1 – Copy the hpcpu*.cfm file to above directory Step 2 – Install the UPD	UPD 4.x or Later
Install.exe /gcfm"C:\Windows\system\..\3\hpcpu*.cfm" Install.exe /gcfm"C:\temp\duplex.cfm"	UPD 5.2 or Later
hpcpu*.cfg WARNING: Using the *.cfg file will break WHQL (Not recommended)	UPD 5.1 or Later

NOTE: HP recommends using *.cfm files.