



# KX Driver Release Note



## KX DRIVER Release Note

Nov. 18, 2013

*Version 6.1.1118 (minor version up)*

**CQ Number: (Fixed by this release)**

CQ No.	Company	Description
WCORE00741338	KDDA	[KX61Minor_KDDA] Policy Manager fields are partially displayed in the Identity Settings dialog.
Call #1811126	KDE	KX 6.1.0826 Printisolationhost crashes at 4 different customers (KMUU6MR1.DLL)
WCORE00741461	KDDA	[KX61Minor_KDDA] "Color" was translated inconsistently in different tabs.
WCORE00741418	KDDA	[KX61Minor_KDDA] Installer hangs up when upgrading devices from Kx610826 to Kx611108(2)



# KX Driver Release Note



KX Driver v6.1 is the next major version of the KX Driver.

The following new features have been implemented as of this release:

## **Driver Upgrade**

[http://prjsvr.ktd.com/sites/MS\\_ProjectServer\\_PublicDocuments/Driver%20Development%20Library/KX%20Driver/Investigation/Upgrade/Upgrade\\_Solution.docx](http://prjsvr.ktd.com/sites/MS_ProjectServer_PublicDocuments/Driver%20Development%20Library/KX%20Driver/Investigation/Upgrade/Upgrade_Solution.docx)

## **KX 6.1 Usability Improvement**

[http://prjsvr.ktd.com/sites/MS\\_ProjectServer\\_PublicDocuments/Driver%20Development%20Library/KX%20Driver/Specifications/GUI/KxDriver\\_v6.1\\_UI\\_Changes\\_Spec.doc](http://prjsvr.ktd.com/sites/MS_ProjectServer_PublicDocuments/Driver%20Development%20Library/KX%20Driver/Specifications/GUI/KxDriver_v6.1_UI_Changes_Spec.doc)

## **Auto Configuration upon Installation**

[http://prjsvr.ktd.com/sites/MS\\_ProjectServer\\_PublicDocuments/Driver%20Development%20Library/KX%20Driver/Specifications/Features/Silent\\_Auto\\_Configuration.doc](http://prjsvr.ktd.com/sites/MS_ProjectServer_PublicDocuments/Driver%20Development%20Library/KX%20Driver/Specifications/Features/Silent_Auto_Configuration.doc)

## **Index Tab Divider Dynamic Preview**

[http://prjsvr.ktd.com/sites/MS\\_ProjectServer\\_PublicDocuments/Driver%20Development%20Library/KX%20Driver/Specifications/Features/Index\\_Tab\\_Divider\\_Spec\\_KX61.docx](http://prjsvr.ktd.com/sites/MS_ProjectServer_PublicDocuments/Driver%20Development%20Library/KX%20Driver/Specifications/Features/Index_Tab_Divider_Spec_KX61.docx)

## **Lock Watermark**

[http://prjsvr.ktd.com/sites/MS\\_ProjectServer\\_PublicDocuments/Driver%20Development%20Library/KX%20Driver/Specifications/Features/Lock%20Watermark.docx](http://prjsvr.ktd.com/sites/MS_ProjectServer_PublicDocuments/Driver%20Development%20Library/KX%20Driver/Specifications/Features/Lock%20Watermark.docx)

## **Image Watermark**

[http://prjsvr.ktd.com/sites/MS\\_ProjectServer\\_PublicDocuments/Driver%20Development%20Library/KX%20Driver/Specifications/Features/Image\\_Watermark\\_Spec.docx](http://prjsvr.ktd.com/sites/MS_ProjectServer_PublicDocuments/Driver%20Development%20Library/KX%20Driver/Specifications/Features/Image_Watermark_Spec.docx)

## **UPD as Host Name**

[http://prjsvr.ktd.com/sites/MS\\_ProjectServer\\_PublicDocuments/Driver%20Development%20Library/KX%20Driver/Specifications/Universal%20Printer%20Driver/UPD\\_HostNameAsPort.doc](http://prjsvr.ktd.com/sites/MS_ProjectServer_PublicDocuments/Driver%20Development%20Library/KX%20Driver/Specifications/Universal%20Printer%20Driver/UPD_HostNameAsPort.doc)

## **Print Preview Zoom**

[http://prjsvr.ktd.com/sites/MS\\_ProjectServer\\_PublicDocuments/Driver%20Development%20Library/KX%20Driver/Specifications/Features/Print%20Preview%20Zoom%20\(WCORE00732977\).docx](http://prjsvr.ktd.com/sites/MS_ProjectServer_PublicDocuments/Driver%20Development%20Library/KX%20Driver/Specifications/Features/Print%20Preview%20Zoom%20(WCORE00732977).docx)

## **PDF Default File Name (Job Name)**

[http://prjsvr.ktd.com/sites/MS\\_ProjectServer\\_PublicDocuments/Driver%20Development%20Library/KX%20Driver/Specifications/Features/Output%20to%20PDF.doc](http://prjsvr.ktd.com/sites/MS_ProjectServer_PublicDocuments/Driver%20Development%20Library/KX%20Driver/Specifications/Features/Output%20to%20PDF.doc)

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# **KX Driver Release Note** *ECosys*

## **New models**

- Gemini-TASKalfa
- Alphard2
- Jupiter2
- Tomcat



# KX Driver Release Note



1.

Name : Michael Martin  
Date : 11/11/2013  
Category : Core/UI, WHCK  
Purpose : Fix breaks encountered in WHCK Print Stress Test  
Cause : Various null access violations  
Modification: Added checks to prevent null access violations  
Comment :  
Source : PrinterData.cpp, UserDriver.cpp, PrinterData.cpp  
DLL file : KMUC\*\*\*\*.dll, KMUU\*\*\*\*.dll, KMFS\*\*\*\*.dll  
LABEL : WHQL\_WHCK\_DTM\_01  
CQ No : None  
Test Case : Run Print Stress Test in WHCK

2.

Name : Vijay Villanueva  
Date : 11/15/2013  
Category : Job E-mail, KNPM, Client  
Purpose : Fix WCORE00741338 - [KX61Minor\_KDDA] Policy Manager fields are partially displayed in the Identity Settings dialog.  
Cause : KNPM dialog is still shown in client even if Windows authentication.  
Modification: Don't show KNPM client dialog if Windows authentication.  
Comment :  
Source : AdminClientDlg.cpp, KxPolicyMgrDlg.cpp  
DLL file : KMFS\*\*\*\*.dll, KMPC\*\*\*\*.dll  
LABEL : WCORE00741338  
CQ No : WCORE00741338  
Test Case : See CQ steps for details.

3.

Name : Kats Lao  
Date : 11/15/2013  
Category : Citrix  
Purpose : Fix Call #1811126 - KX 6.1.0826 Printisolationhost crashes at 4 different customers (KMUU6MR1.DLL)  
Cause : New code (XPS carbon copy) has missing null pointer checking for PRINTER\_SETUP data  
Modification: Add null pointer checking. Rechecked whole PrinterData.cpp and added where it is not checked as well.  
Comment :  
Source : PrinterData.cpp  
DLL file : KMUU\*.dll, KMUC\*.dll  
LABEL : CITRIX\_PRINTISOLATION\_CRASH\_FIX  
CQ No : Call #1811126  
Test Case : We have a local repro(c/o Ken).

4.

Name : Vijay Villanueva  
Date : 11/18/2013  
Category : Localization  
Purpose : Fix WCORE00741461 - [KX61Minor\_KDDA] "Color" was translated inconsistently in different tabs.  
Cause : Incorrect string.  
Modification: Use correct string.  
Comment :  
Source : Chinese\_Traditional\_U.txt  
DLL file : KMRC\*\*\*\*.dll  
LABEL :  
CQ No : WCORE00741461  
Test Case : See CQ steps for details.

5.

Name : Kats Lao  
Date : 11/18/2013  
Category : Upgrade



# KX Driver Release Note



Purpose : Fix WCORE00741418 - [KX61Minor\_KDDA] Installer hangs up when upgrading devices from Kx610826 to Kx611108(2)

Cause : The hang state is when driver is waiting for critical section to be freed before it can proceed. Driver threw a "not-real" exception while updating a previous model, which made the critical section unfreed.

Modification: Modify return value of KcClearModuleReg() to be more descriptive. If registry is already upgraded, simply return as success to indicate that DrvUpgradePrinter() is done (i.e. removed throwing an exception). If registry was cleared successfully, let DrvUpgradePrinter() proceed with its handling. If error is encountered, that's only when DrvUpgradePrinter() exits with a FAIL return status.

Comment : This issue is sort of a timing issue as well.

Source : PrinterData.cpp/.h

DLL file : KMUU\*\*\*\*.dll, KMUU\*\*\*\*.dll

LABEL : WCORE00741418

CQ No : WCORE00741418

Test Case : See CQ steps for details.