



## **U3 Platform 1.0 SDK**

### **DAPI DLL Release Notes**

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**Version 1.0.3**

May 2006



## U3 Platform 1.0 **SDK**,DAPI DLL Release Notes

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### DOCUMENT CONTROL INFORMATION

**Document No.: RLN-SDK10R100506-009**

	<b>Title</b>	<b>Name</b>	<b>Date</b>
<b>Issued by:</b>	U3 Chief Architect	Daniel Goodman	September 2005
<b>Edited by:</b>		Arik Priel	January 2006
<b>Edited by:</b>		John Bruzas	May 2006



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# U3 Platform 1.0 **SDK**, DAPI DLL Release Notes

## 1 Introduction

This document includes the release notes for the May 2006 release of the U3 Platform Software Developer Kit Version 1.0 (U3 Platform 1.0 SDK).

**Section 2** - Lists all included documentation, document versions, all DAPI files and versions.

**Section 3** - Lists DAPI DLL release notes

## 2 List of Document Versions

The September 2005 release of the U3 Platform 1.0 SDK includes the following document and file version

### 2.1 Documents

Title	Number	Ver	Rev	File name
Developer Guide	04-UM-0605-10	1.0	1.0	DeveloperGuide_1.0r1.pdf
DAPI Reference Guide	04-UM-0605-00	1.0.1	1.0	DAPIReferenceGuide_1.0.1r1.pdf
Application Deployment Guide	04-UM-0405-00	1.0	4.0	ApplicationDeploymentGuide_1.0r4.pdf
Release Notes	RLN- SDK10R10050 6-009	1.0.3	n/a	ReleaseNotes_1.0.3.pdf

### 2.2 Device API (DAPI)

DAPI Release	File version	Size	Signed	Filename
1.0.3	1.0.3.0	1.08 MB (1,136,208 bytes)	Yes ("U3 LLC") Wednesday, May 10, 2006 9:12:35 AM	u3dapi10.dll
1.0.2	1.0.2.0	985 KB (1,009,232 bytes)	Yes ("U3 LLC") Tuesday, February 16 2006 14:22:51	u3dapi10.dll
1.0.1	1.0.1.0	985 KB (1,009,232 bytes)	Yes ("U3 LLC") Monday, September 19, 2005 1:45:26 PM	u3dapi10.dll



## U3 Platform 1.0 SDK, DAPI DLL Release Notes

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### 3 Device API DLL Release Notes

#### 1.0.3

- Unique ID is now consistent between Guest and Admin mode on all devices.

#### 1.0.2

- Fixed: While running DAPI under non-admin account, explicit call to Win32 FreeLibrary method can result with a deadlock.

#### 1.0.1

- Calling `dapiSetPrivateAreaPassword` after device reached `MAX_NOA` value, the new private area will remain un-formatted and the function will return a `S_OK [0x00000000]` result instead of a `DAPI_E_FORMAT_FAIL [0x80040213]` error result.
- After successfully calling `dapiLogoutPrivateArea` from a removable domain containing a full private area on Windows XP Service Pack 2, the file system is not refreshed and the file names are shown after logout. No action can be performed on the files and volume is fully secured.
- DAPI will not work on Windows 2003 Server in user mode if hyper-threading is enabled. If hyper-threading is disabled, DAPI will work properly in user mode. Hyper-threading is fully supported in admin mode.
- DAPI functions should not be called from within the DAPI callback function. The device handle should be passed to another thread or sent in a windows message, and used to call the DAPI function outside the callback.
- Calling `dapiReadTextCookie` or `dapiReadBinaryCookie` with a NULL buffer value and a count variable containing a zero value will return a `DAPI_E_BUFFER_TOO_SMALL` result instead of the expected `S_OK`. The value of the `nCount` parameter is correctly returned and should be used to determine the correct buffer size of pass to the function to perform the actual read as documented.  
The sample in Section 6.3 of the DAPI Reference Guide will fail because of this error.



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