

RELEASE NOTE

Open AT® V3.04

Revision: 001
Date: June 2006

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Open AT® V3.04
Release Note

Reference : **WM_DEV_OAT_DVD_135**
Version **001**
Date : **June 23, 2006**

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Document Information

Level	Date	History of the evolution	
001	June 23, 2006	Official Release	

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1. Introduction

1.1 Related Documents

[1]	ADL User Guide for Open AT® V3.04	WM_ASW_OAT_UGD_00053 version 2
[2]	OS X52a Release Note	WM_DEV_OAT_DVD_133 version 1

1.2 Delivered Version Definition

This definition lists all modifications since the Open AT® V3.03 release.
For more information on these modifications, please refer to document [1].

1.3 Correction Severity Levels

The *Severity* values have the following meaning:

- 1: Critical
- 2: Major
- 3: Minor

2 Modified Interfaces

This version does not include any interface break in the Open AT® API.

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3 X52a Firmware

3.1 Delivery

The X52a Firmware version is delivered on the SDK for all Open AT® compatible Wireless CPU. As specific Wireless CPU versions are designed for China mainland & India, the X52a Firmware version is delivered in separate directories according to the concerned country (as described below).

Country	Firmware delivery directory
China mainland	Software\Wavecom Core Software\X44a\China
India	Software\Wavecom Core Software\X44a\India
SouthAsia	Software\Wavecom Core Software\X44a\SouthAsia
All other countries	Software\Wavecom Core Software\X44a\OtherCountries

3.2 Corrections

Please refer to the X52a Firmware full release note for more information on new features & corrections related to AT commands.

Id	Severity	Customer Impact	Interface Change
28374	2	In RTE, if an Open AT® application sends FCM data blocks bigger than 150 bytes, the application freezes on the adl_fcmSendData function call.	yes
29169	2	An application subscribes to a fixed size A&D cell, and writes data in it. If the cell is not finalized and a reset is performed, the remaining writable space will be wrong.	no
30296	3	The ADL_FCM_EVENT_FLOW_CLOSED event is not received from UART2 in RTE	no
30714	3	adl_main InitType parameter never informs the application that an exception has occured.	no
31200	1	On a DOTA install request, the XModem downloader does not detect corrupted binary files and performs the flash copy anyway: corrupted software is then installed (unpredictable effects).	no

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4 ADL API Update

4.1 Corrections

Id	Severity	Description (What/When)	Interface Change
32615	3	Problem when trying to activate a context with adl_gprsAct (),ADL_GPRS_EVENT_ACTIVATE_OK is not associated with the good cid number	No
32526	1	if several concatenated orders are sent an adl memory error produces	No
32051	2	Interworking problems when receiving an SMS, and a call is released from the remote part.	No
32456	2	An Open AT® application which subscribes to the call service has no way to handle the '+CIEV: 5,1' event on an outgoing call.	No
32458	2	An application using the ADL Call service will never receive the NEW_ID event if a second call occurs when a first one is already running	No
31815	3	When SIM event FULL_INIT is received before the PIN_OK one, it is not possible to connect through the TCPIP add-on library.	No
31218	3	User can't use adl_atCmdSubscribe to subscribe to a command beginning by ATA.	No
30594	3	On an incoming ATDT*99***1# command, ADL call event SETUP_FROM_EXT is received with DATA flag instead of GPRS flag.	No
27902	3	If an application send the a/ command with the adl_atCmdCreate function, it will not receive any answer.	No
29997	3	When an Open AT® application uses the ADL GPRS service, the AT+CGEREP command is always set to 2. Moreover, reseting this command to 0 disturbs ADL processing.	No
30977	2	An application subscribes to an AT command. In concatenated mode or within TMT, if spaces characters are issued before the AT sequence, the command is not notified to the handler, but is directly sent to the Core Software.	No
31127	3	adl_flhGetIDCount returns bad available ID count when used with NULL handle. Moreover, adl_flhSubscribe badly checks available ID count.	No

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Id	Severity	Description (What/When)	Interface Change
31388	3	ADL don't get the CID with a ATDT command	No
31505	2	An ADL application uses adl_atCmdSubscribe to subscribe to a XXX command. When a SMS beginning by XXX is sent, the XXX command is executed.	No
31716	2	when the command ends by ; the safe mode does not function and subscribed commands were not called	No
31814	2	An ADL application is used. When a SMS beginning by ATDXXX is sent, the ATDXXX command is executed	No
31969	3	With some fast SIM cards, and if the PIN code is disabled, the ADL_SIM_EVENT_FULL_INIT event should be received before the ADL_SIM_EVENT_PIN_OK.	No
32601	1	When an Open AT® application is running, the last ';' character is systematically filtered: voice calls can not be launched.	No
32706	1	adl_flhGetIDCount returns bad available ID count when used with NULL handle. Moreover, adl_flhSubscribe badly checks available ID count.	No
33337	1	if several concatenated orders are sent an adl memory error produces	No
31879	3	ADL protect A/ with a adl_atCmdCreate, but A/XXX is not protected	No

5 Basic API update

none

6 Tools update

6.1 HTML Readme System

Id	Severity	Description (What/When)	Interface Change
33833	4	New HRS branch for 3.04 SDK	yes

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6.2 OST Version 3.0.4.0

Id	Severity	Description (What/When)	Interface Change
33832	4	OST compliance for 3.04/3.11	yes

7 Sample Update

7.1 Internal Anomaly Corrections

Id	Severity	Description (What/When)	Interface Change
29417	3	Sample documentation mistake	yes
31825	3	In the SMS Automation sample, memory allocated to a variable is too small in certain case. So the Wireless CPU resets with memory release error message.	no

8 TCPIP Add-on library update

8.1 Internal Anomalies Corrections

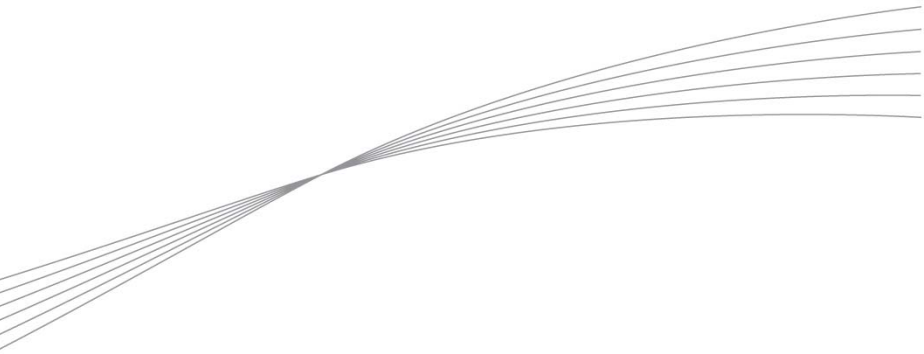
Id	Severity	Description (What/When)	Interface Change
31387	2	+CRING indication not displayed while FTP session ongoing	yes
29279	2	When performing an up-link transfer through an UDP socket, sometimes the communication between the serial port & eDsoft application is interrupted just after the application has released the last received blocks.	no

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9 Known Problems

Id	Description (What/When)
28149	In a few cases, the GCC C compiler should generate an “strb r3, [sp]” instruction, which is forbidden by the ARM assembler in Thumb mode. A workaround may be found by modifying the C code in order to change the generated assembler one.
27692	An application can not use the “%f” sprintf format with GCC compiler, otherwise the product will reset.
29654	If an ADL application which subscribes to the Call service is running, if an external application uses one of the ATD/ATA/ATH commands on the UART2, responses are sent on the UART1
32255	In ADL GPRS service, PDP Header & Data compression options have to be configurable in the setup structure.
33081	AT+WIND command configuration is not the same according to the AT+WOPEN=0/1 state.
33711	[ADL] "CONNECT" not received when sending AT+CGDATA=1 and an ADL appli running

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