



WIPSoft V2.01 Release Note

Revision: **001**

Date: **January 2007**



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WIPSoft V2.01 Release Note

Reference : **WM_DEV_OAT_DVD_236**
Version **001**
Date : **January 04, 2007**

Document Information


Revision	Date	List of revisions	
001	January 04, 2007	Official Release	

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1 Introduction

1.1 Related Documents

[1]	WIP AT Commands User Guide (WIPSoft V2.01)	WM_DEV_OAT_UGD_024
[2]	Porting Guide From Edsoft V3.10 to WIPSoft v2.01	WM_DEV_OAT_UGD_027

1.2 Delivered Version Definition

This definition is the initial definition of a WIPSoft release.

1.3 Correction Severity Levels

The *Severity* values have the following meaning:

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

2 New Features

For more information on WIP AT commands (UDP/ TCP/ FTP), please refer to WIP AT Commands User Guide (see the document [\[1\]](#)) and Porting Guide From Edsoft V3.10 to WIPSoft v2.01 (see the document [\[2\]](#)).

3 Known Problems

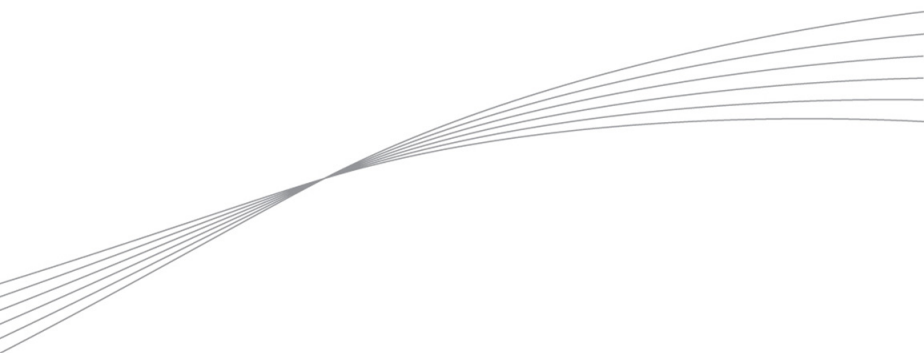
Id	Description (What / When)
36530	Socket opening through AT+WIPCREATE is not possible if the Wavecom wireless CPU is not connected to the outside world by an initialized bearer (an IP "connection" has been established and exists).

Id	Description (What / When)
36600	In GSM bearer, after dial up, the PPP authentication sometimes failed; workaround consists on setting the GSM server bearer side in Listening again and on redialling the number for the GSM client bearer side until the PPP connexion is established properly.
36810	When creating a socket with the AT+WIPCREATE just after the call of AT+WIPCLOSE of that socket (same address and port) , that created socket could not function properly as expected Workaround: The socket open call should not be called just after a socket close call: After a call to AT+WIPCLOSE to close a socket, a delay of one second is necessary before calling again the AT+WIPCREATE to open a new socket. If due to that asynchronous process the socket open call is too close to the socket close call and that issue is encountered , another workaround is to close and reopen that socket.
36519	When TCP or UDP data flow unmapping is issued through "AT+WIPDATA=<proto>,<idx>,0" on an other port than the mapped port, it succeeds without any response to the command whereas "OK should be sent on this port.
36811	AT+WIPOPT responds OK to over ranged option values whereas it should answer an error (801).
36751	Using AT+WIPCREATE to create a socket with an invalid value for peer port (outside the range 1-65535) does not return any error but is applied with the value masked with 0xffff (e.g. applying 65537 will actually apply 1 (65537 & 0xffff => 1)).
37004	Closing a socket with AT+WIPCLOSE responds OK even if the socket has already been closed.
36806	Starting a bearer in server mode (PPP over UART or GSM) thanks AT+WIPBR=x,y,1 does not raise any error even if mandatory options are not provided within the command (<login> and <password>).
36373	Setting and saving stack options with AT+WIPCFG=2,opt,value / AT+WIPCFG=4,1 is possible only if the stack is started and not before. It is the case for the "Optnum" value in range 6-11 : WIP_NET_OPT_SOCK_MAX, WIP_NET_OPT_BUF_MAX, WIP_NET_OPT_IP MULTI MAX

4 Compatibility

WIPSoft 2.01 Open AT Plug In is compatible with:

- Open AT[®] FW v6.57
- Open AT[®] OS v 3.12
- Wavecom Wireless CPU:
 - New Q24 series: Q24Plus, Q24Extended, Q24Auto
 - Q2406B, Q2406B-C
 - Q2501B
 - Plug and Play Series: Fastrack M1306B, Integra M2106B



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