



Software Release Notes

GlobeTrotter Connect

Acer – General Package

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Version History

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1 INTRODUCTION

This document contains the release notes for the customized version of GlobeTrotter Connect for Acer.

This simple control application will allow the user to perform basic functions like connect/disconnect, enter a PIN-code/APN/Username/Password. There are also some advanced options like choosing the network technology, basic SMS functionality and a diagnostic tool which allows the user to gather information on the data card or device that is being used.

This version of GlobeTrotter Connect is supporting different Option products in native mode; i.e. not using Option's Zero-CD concept. The software provided with this release should be installed from a local medium e.g. hard disk, CD-Rom or DVD.



GlobeTrotter Connect for Windows

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2 RELEASE DESCRIPTION

2.1 Content of package

The software package contains:

- GlobeTrotter Connect Installer Package (*Hokku2.3_Acer_2.3d0-797.25180.zip*)
- WHQL signed drivers version 4.0.6.0 for GTM380 modules
 - Please read ref [1] for device driver specific features
 - GtDetectService version 3.0.0.106 included.
- WHQL signed drivers version 5.0.5.0
 - Please read ref [2] for device driver specific features
 - GtDetectService version 3.0.0.106 included.

2.2 High level improvements

This is an Acer customized release of the GlobeTrotter Connect application with following improvements compared to previous version(s):

- Support for GTM380 device drivers 4.0.6.0 with GtDetectService 3.0.0.106.
- Support for 64-bit operating systems

More details on all new features can be found in chapter 3 “*SOFTWARE FEATURES*”.

2.3 High level limitations

- This release does not support Windows 98 (SE), Windows Millennium, Windows NT and Windows Server 2003.
- This release does not support Option’s Zero-CD concept.
- Windows feature “Switch User” is not supported while the application is running.
- No manual included.

2.4 Compatibility

This release is intended to be used with the following set of hardware and PC configuration:

- Supported products:
 - GlobeTrotter GTM380 module from FW version 2.12.0Hd onwards and from HW 2.0 revision onwards
 - GlobeTrotter GTM382 module from FW version 1.3.2.0 onwards and from HW 2.0 revision onwards
- Laptop with Operating System:
 - Microsoft Windows Vista 64-bit (Preferred Service Pack 1)
 - Microsoft Windows Vista 32-bit (Preferred Service Pack 1)
 - Microsoft Windows XP 32-bit Service Pack 2

Only the combinations above are tested and supported by Option.

3 SOFTWARE FEATURES

The following features have been implemented in GT Connect 2.3:

- PDP Deactivation problem is fixed
- Encryption for Username and Password in Windows Registry
- Technology standard name indication
- “Hardware Wireless disable” line support in the GT Connect software. If the “Wireless” setting is set to “off”, “*Radio is OFF*” is displayed in the main window of GT Connect. Set “Wireless” setting to “on” again to register to the network. Putting the “Wireless” setting to “off” during a connection will disconnect the connection. GT Connect will not make a connection after putting the “Wireless” setting to “on” again.
- Minor cosmetic bug fixes

No other features are added compared to the previous release GT Connect 2.2.

3.1 *Language support*

Supported languages in this build are: Croatian, Czech, Danish, Dutch, English, Estonian, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Lithuanian, Montenegrin, Norwegian(Bokmal), Polish, Portuguese, Romanian, Russian, Serbian, Slovak, Slovenian, Spanish, Swedish, simplified Chinese and traditional Chinese.

4 TEST RESULTS

This software release, GlobeTrotter Connect version 2.3.0.797, has been tested following Option's standard test procedure.

Test Input Matrix GlobeTrotter Connect 2.3						
Product	Language	OS	FW	HW	Results	Remarks
GlobeTrotter GTM380	English	WinVista 64-bit Business SP1	2.12.0Hd	2.0	PASS	Basic Testplan
		WinVista 32-bit Business SP1	2.12.0Hd	2.0	PASS	Basic Testplan
		WinXP 64-bit SP2				Not tested
		WinXP 32-bit SP2	2.12.0Hd	2.0	PASS	Basic Testplan
		WinXP Tablet Edition 2005 SP2				Not tested
		WinXP MCE				Not tested
		Win2K SP4				Not tested

5 SOLVED ISSUES

This new version of GlobeTrotter Connect 2.3 solves the following issues compared with GlobeTrotter Connect 2.2:

Option Ref.	Summary
15205	After entering a wrong PIN code 3 times a PUK code is required. In the PUK popup window, the PUK trials left counter is always "zero". However, a PUK code can be entered.
15076	Device sends autonomous PDP Deactivation. <i>* In the previous application version, the application/driver would send a deactivate immediately after the PDP activation and therefore had to resend a 2nd activation to have a data connection. This issue had no impact for the user, but network signaling resources were higher due to having 2 times a PDP activation for the same session.</i>
15038	Change the technology indication to standard text showing following possible status: GPRS / EDGE / UMTS / HSDPA and GSM if only on CS network.
14933	Use encryption for Username and Password in the registry.
14293	After finishing the installation, the focus is set on the main window instead of the PIN code window.

6 LIMITATIONS AND KNOWN PROBLEMS

6.1 Limitations

Option Ref.	Summary
-	For optimization of data throughput on HSDPA networks, the TCPIP Window Size is set to 146K in the Windows Registry. However, this TCPIP Window Size is not active immediately after installation. To activate this value the user should restart the PC.
-	The expected throughput is not met on a Windows Vista OS, because Windows Vista sets the TCPIP Window Size dynamically.

6.2 Known problems

Option Ref.	Summary
16579	Forwarding a Unicode SMS will remove the Unicode characters when the application's SMS character set is set to Gsm.
15201	The focus isn't set on the authorization window for entering PIN code after returning from hibernation.
15178	Sometimes "Failed to initialize" appears for a few seconds in the main window after wake up of "stand by".
-	Cosmetic: minor translation/string inconsistencies. These issues only affect some non-English customized builds: no impact for the English Option Standard release.

References

Ref	Document	
1	Windows device driver release notes GEN-SPQ-RN-Windows_Driver_Release_4.0.6.0-v022ext.pdf	Option
2	Windows device driver release notes GEN-SPQ-RN-Windows_Driver_Release_5.0.5.0-v008ext.pdf	Option