

MOBITEK COMMAND LINE INTERFACE SMS

Manual for System Integrator & Software Developer

Table of Contents

COPYRIGHT.....	1
DISCLAIMER.....	1
REVISION HISTORY.....	1
INTRODUCTION.....	2
NEW FEATURES IN VERSION 5.....	2
INSTALLATIONS.....	2
COMMANDS.....	3
1. To send out SMS.....	3
2. To check credit balance of HOTLINK.....	3
3. To check credit balance of DIGI.....	3
4. To check credit balance of XPAX.....	3
5. To top-up credit of HOTLINK.....	3
6. To top-up credit of DIGI.....	3
7. To top-up credit of XPAX.....	3
SUITABLE SITUATIONS.....	4
BENEFITS.....	4
CONFIGURING PRTG Traffic Grapher TO CALL CLISMS.EXE.....	5
CONFIGURING WINDOWS – MYSQL SERVICE TO CALL CLISMS.EXE.....	6
TERMS AND CONDITIONS.....	7
TERMS AND CONDITIONS OF SOURCE CODE.....	7
TERMS AND CONDITIONS OF SUPPORT.....	7

COPYRIGHT

Copyright © MOBITEK System Sdn. Bhd. 2007. All rights reserved. No part of this document may be reproduced, distributed, stored in a retrieval system or translated into any language, in any form or by any means, electronic, mechanical, magnetic, optical, photocopying, manual or otherwise, without the prior written permission of MOBITEK System Sdn. Bhd.

DISCLAIMER

MOBITEK makes no representations or warranties with respect to the contents hereof and specifically disclaims any implied warranties of merchantability or fitness for any particular purpose. Further, MOBITEK reserves the right to revise this publication and to make changes from time to time in the contents hereof without obligation to notify any person of such revision or changes. Trademarks and Registered Trademarks Products and product names mentioned in this document may be trademarks or registered trademarks of their respective owners.

REVISION HISTORY

EDITION	ISSUED DATE	REMARK
1 st	13 th of August, 2007	Initial release

MOBITEK System Sdn .Bhd. (207015-D)

6th Floor, Suite 16, IOI Business Park, Persiaran Puchong Jaya Selatan, Bandar Puchong Jaya, Puchong 47100, Selangor, Malaysia.

Tel: 03-80644288 Fax: 03-80642109 Web: www.mobitek.com.my

MOBITEK COMMAND LINE INTERFACE SMS

Manual for System Integrator & Software Developer

INTRODUCTION

Programme: Command Line Interface SMS ("CLISMS")

API TYPE: COMMAND LINE INTERFACE ("CLI") for Windows only

File Name: CLISMS.exe

Version: 5.0

Requirements:

1. System integrator, and software developer ("SI/SD") must possess knowledge in using command line interface, or shell command in Windows command prompt environment.
2. Any software applications that can call external programme, or shell out to CLISMS.exe such as:
 - 2.1 Network monitoring programme – OpManager, IPServerCheck, PRTG, etc.
 - 2.2 Anti-virus programme
 - 2.3 Firewall programme
 - 2.4 Windows Services
3. The operating system must be Windows OS (98, ME, 2000, XP, and 2003)

Command Line Interface SMS ("CLISMS") is part of the **SMS Gateway Development Kit ("SMS GDK")**. System integrator, and software developer can choose any development kit in the **SMS GDK** to build their own SMS Gateway.

NEW FEATURES IN VERSION 5

1. Supports USSD where SI/SD can check credit balance, and reload credit.

INSTALLATIONS

1. Run the "setup.exe"
2. The "CLISMS.exe" will be installed in "C:\"

MOBITEK System Sdn .Bhd. (207015-D)

6th Floor, Suite 16, IOI Business Park, Persiaran Puchong Jaya Selatan, Bandar Puchong Jaya, Puchong 47100, Selangor, Malaysia.

Tel: 03-80644288 Fax: 03-80642109 Web: www.mobitek.com.my

MOBITEK COMMAND LINE INTERFACE SMS

Manual for System Integrator & Software Developer

COMMANDS

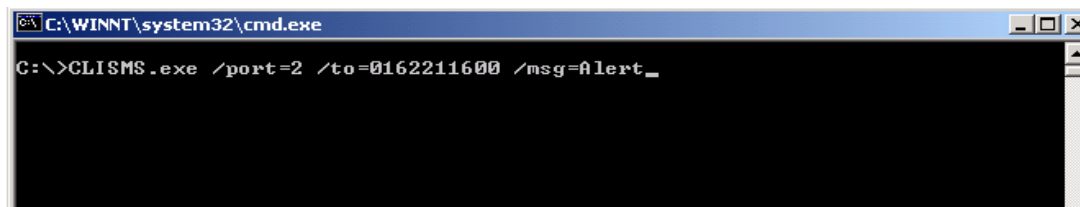
Commands can be executed through:

- Windows command prompt
- a software application that allows you to call CLISMS.EXE, and passing the parameters.
- Java programme

1. To send out SMS

```
clisms.exe /port=2 /to=0162211600 /msg=Alert
```

- "port" is the COM port where the GSM modem is connected
- "to" is the mobile number of the recipient (one number only)
- "msg" is the SMS to be sent out (160 character limit, and in text format only)



2. To check credit balance of HOTLINK

```
clisms.exe /port=2 /ussd=*122#
```

3. To check credit balance of DIGI

```
clisms.exe /port=2 /ussd=*126#
```

4. To check credit balance of XPAX

```
clisms.exe /port=2 /ussd=*124#
```

5. To top-up credit of HOTLINK

```
clisms.exe /port=2 /ussd=*111*14 digit PIN code#
```

6. To top-up credit of DIGI

```
clisms.exe /port=2 /ussd=*123*reload coupon serial number#
```

7. To top-up credit of XPAX

```
clisms.exe /port=2 /ussd=*122*16 digit reload code#
```

Responses for all the above commands will be logged in a text file called "Log.txt". It is located at the same directory of "CLISMS.exe"

MOBITEK System Sdn .Bhd. (207015-D)

6th Floor, Suite 16, IOI Business Park, Persiaran Puchong Jaya Selatan, Bandar Puchong Jaya, Puchong 47100, Selangor, Malaysia.

Tel: 03-80644288 Fax: 03-80642109 Web: www.mobitek.com.my

MOBITEK COMMAND LINE INTERFACE SMS

Manual for System Integrator & Software Developer

SUITABLE SITUATIONS

CLISMS is suitable for use in the following situations:

1. when SI/SD wants to quickly enable their own software applications, or system to send out SMS alerts;
2. to send out SMS alert to administrator when server is down, virus is detected, or network intrusion (the network monitoring programme detects the server is down, and call CLISMS.exe)

BENEFITS

The benefits to system integrator, and software developer in using **CLISMS** are:

1. rapid development of a SMS Alert programme;
2. can decide who should receive outgoing message, when to send, what to send;
3. integrate *SMS Alert function* with existing software applications that support calling external programme;
4. **open source** (VB6), SI/SD can modified **CLISMS** to incorporate business rules, and process flow.

MOBITEK System Sdn .Bhd. (207015-D)

6th Floor, Suite 16, IOI Business Park, Persiaran Puchong Jaya Selatan, Bandar Puchong Jaya, Puchong 47100, Selangor, Malaysia.

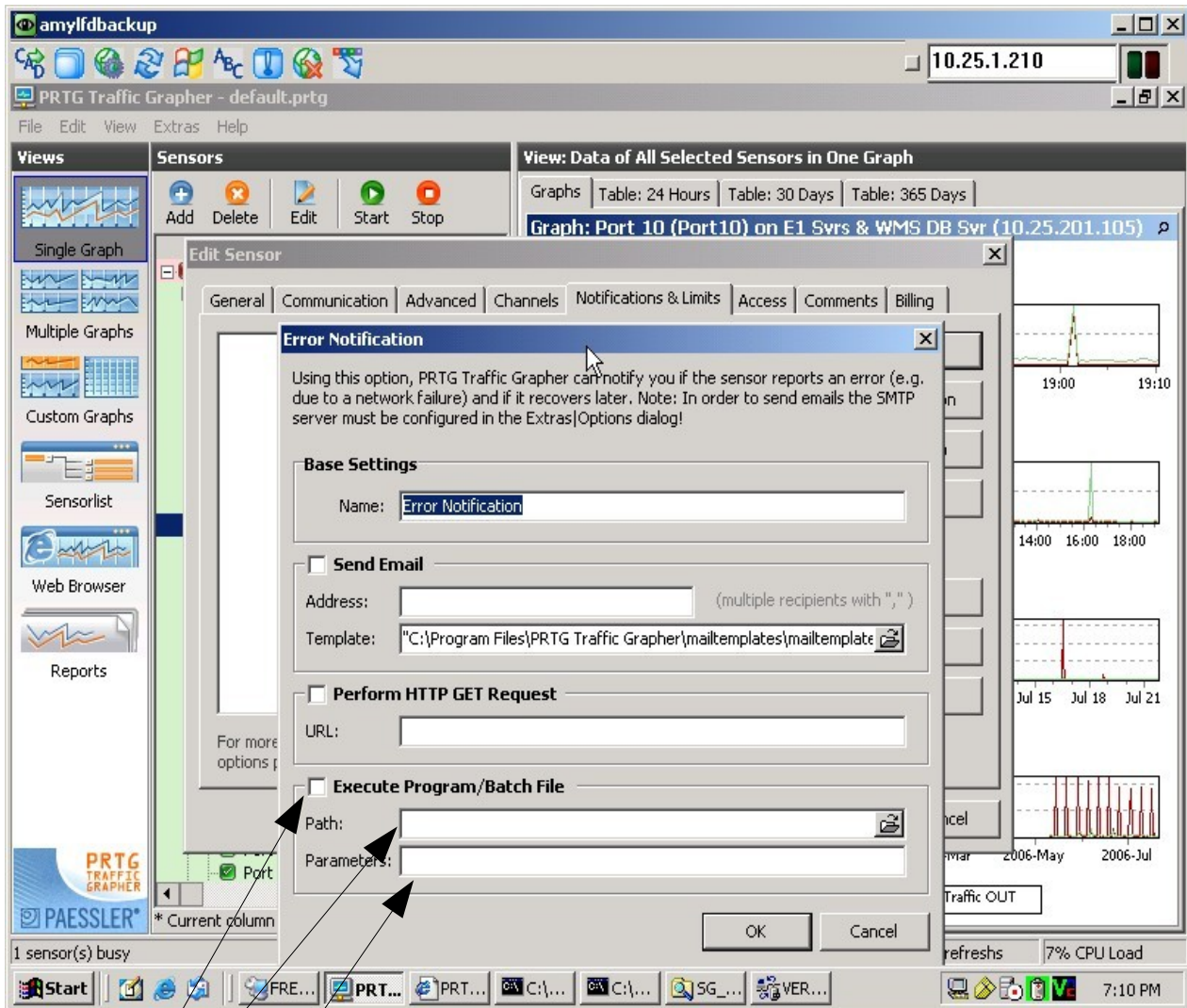
Tel: 03-80644288 Fax: 03-80642109 Web: www.mobitek.com.my

MOBITEK COMMAND LINE INTERFACE SMS

Manual for System Integrator & Software Developer

CONFIGURING PRTG TRAFFIC GRAPHER TO CALL CLISMS.EXE

PRTG Traffic Grapher (<http://www.paessler.com/prtg>)



- Check the "Execute Program/Batch File"
- In "Path:", enter **C:\CLISMS.exe**, or the location of the CLISMS.exe
- In "Parameters:", enter **/port=2 /to=0162211600 /msg=Alert**

MOBITEK System Sdn .Bhd. (207015-D)

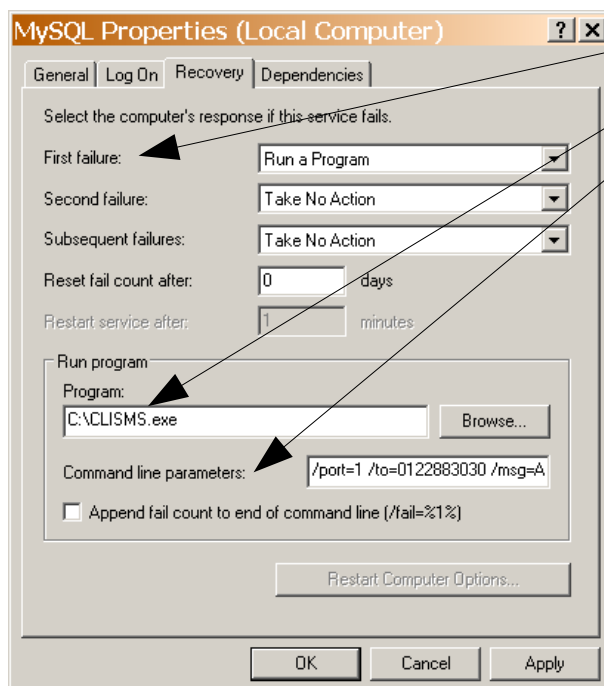
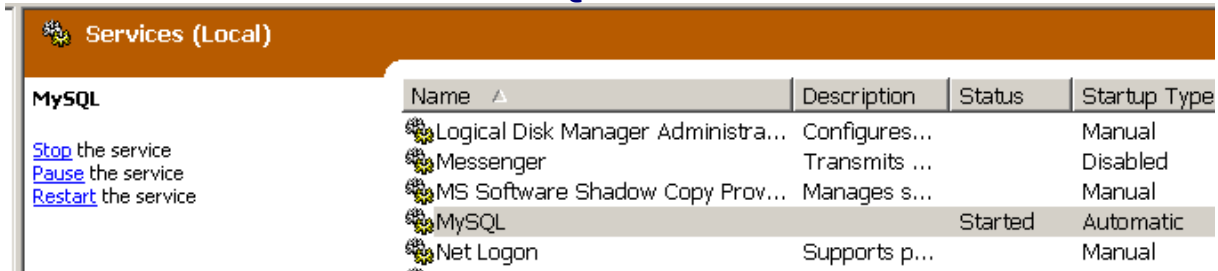
6th Floor, Suite 16, IOI Business Park, Persiaran Puchong Jaya Selatan, Bandar Puchong Jaya, Puchong 47100, Selangor, Malaysia.

Tel: 03-80644288 Fax: 03-80642109 Web: www.mobitek.com.my

MOBITEK COMMAND LINE INTERFACE SMS

Manual for System Integrator & Software Developer

CONFIGURING WINDOWS – MYSQL SERVICE TO CALL CLISMS.EXE



- At "First failure:", select "Run a Program".
- At "Program:", enter "**C:\CLISMS.exe**".
- At "Command line parameters", enter "**/port=1 /to=0122883030 /msg=Alert**".

When MySQL service fails, a SMS alert will be send out to 0122883030 with message "Alert".

MOBITEK System Sdn .Bhd. (207015-D)

6th Floor, Suite 16, IOI Business Park, Persiaran Puchong Jaya Selatan, Bandar Puchong Jaya, Puchong 47100, Selangor, Malaysia.

Tel: 03-80644288 Fax: 03-80642109 Web: www.mobitek.com.my

MOBITEK COMMAND LINE INTERFACE SMS

Manual for System Integrator & Software Developer

TERMS AND CONDITIONS

1. **CLISMS** is given free of charge. It is completely free of any registration, licensing or deployment fees. It may be deployed freely for use with any third-party software, whether for commercial purpose or not. **Therefore, no warranty nor support is provided.**
2. **CLISMS** must be used together with the GSM Modem supplied.
3. MOBITEK System Sdn. Bhd. shall not be held liable for any loss or damaged as a result of using **CLI SMS**.

TERMS AND CONDITIONS OF SOURCE CODE

Acknowledgement: Mr. Mohd Najmi Bin Selamat (student of MULTIMEDIA UNIVERSITY MALAYSIA) has contributed to the development of this source code and programme.

1. You are allowed to use, modify, distribute, this VB code for free.
2. This source code is provided on "as-is" basis. **No warranty nor support** is provided on the use of the code.
3. BY USING THIS CODE, YOU ASSUME ALL THE RISK AND RESPONSIBILITY
4. MOBITEK System Sdn. Bhd. EXPRESSLY DISCLAIMS ANY WARRANTIES
5. MOBITEK System Sdn. Bhd. SHALL NOT BE LIABLE TO YOU OR ANYONE ELSE FOR ANY LOSS OR DAMAGES WHATSOEVER

TERMS AND CONDITIONS OF SUPPORT

No support is provided.

MOBITEK System Sdn .Bhd. (207015-D)

6th Floor, Suite 16, IOI Business Park, Persiaran Puchong Jaya Selatan, Bandar Puchong Jaya, Puchong 47100, Selangor, Malaysia.

Tel: 03-80644288 Fax: 03-80642109 Web: www.mobitek.com.my