MOBITEK COMMAND LINE INTERFACE SMS

Manual for System Integrator & Software Developer

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REVISION HISTORY

EDITION	***ISSUED DATE***	***REMARK***
1st	11th of August, 2006	Draft release

INTRODUCTION

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

File Name: CLISMS.exe

Version: 1.0

Requirements:

1. System integrator, and software developer ("SI/SD") must posses 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 ("CLI SMS") 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.

HOW DOES IT WORK?

Configure the software application to call ***CLISMS.exe***, and pass the following arguments, or parameters:

- port number which the GSM modem is connected to
- hand phone number of recipient
- message

e.g. `CLISMS.exe /port=2 /to=0162211600 /msg=Alert`

SUITABLE SITUATIONS

CLI SMS 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)

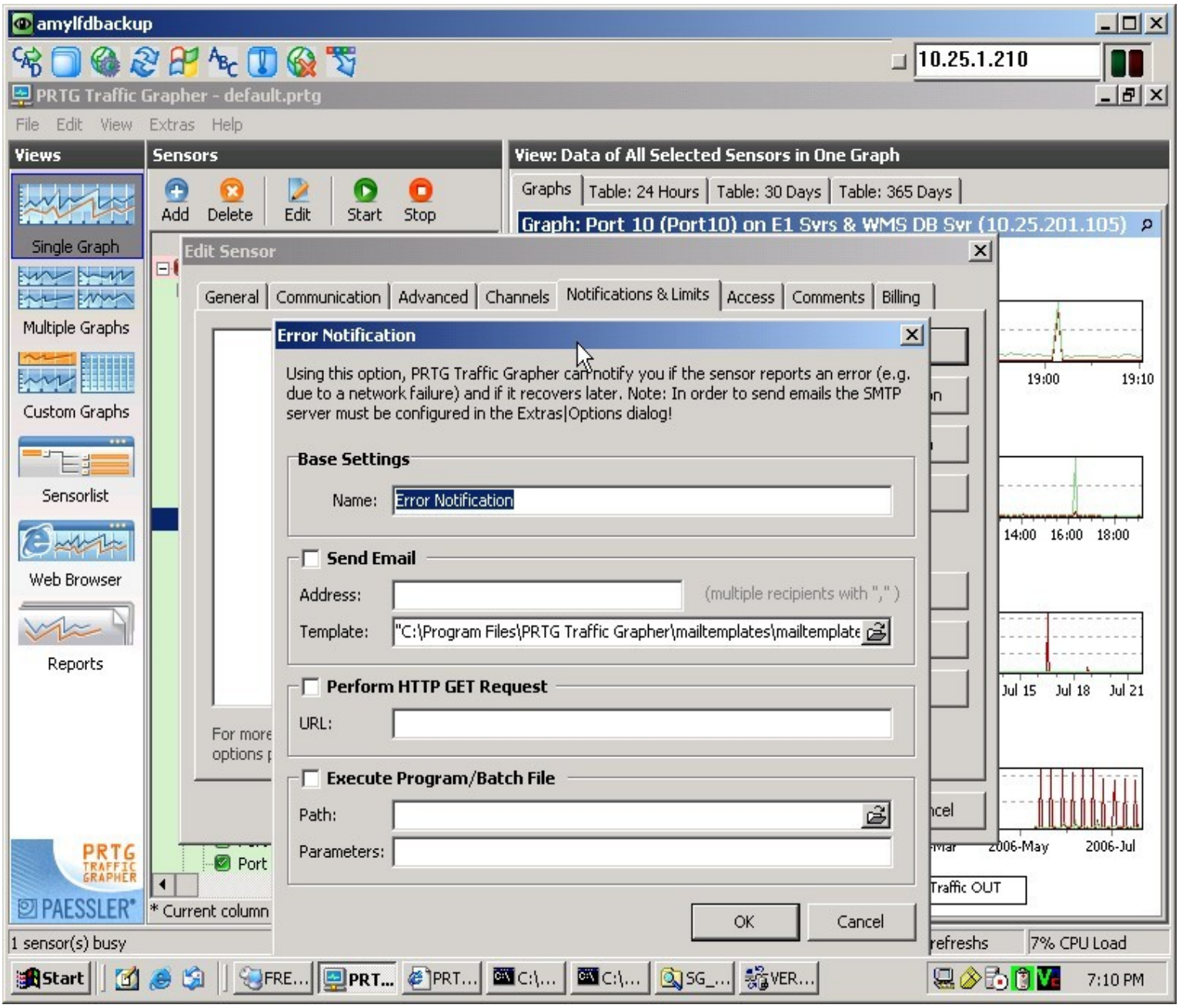
BENEFITS

The benefits to system integrator, and software developer in using ***CLI SMS*** 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 ***CLI SMS*** to incorporate business rules, and process flow.

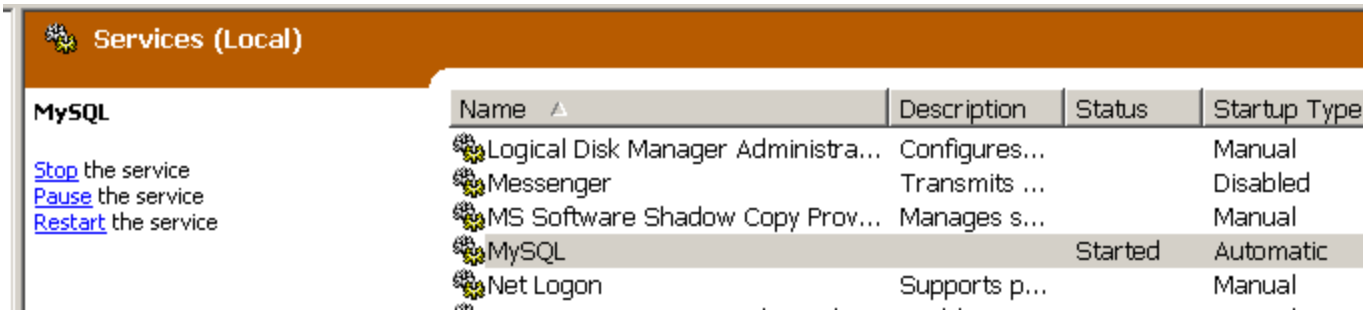
CONFIGURING PRTG TRAFFIC GRAPHER TO CALL CLISMS.EXE

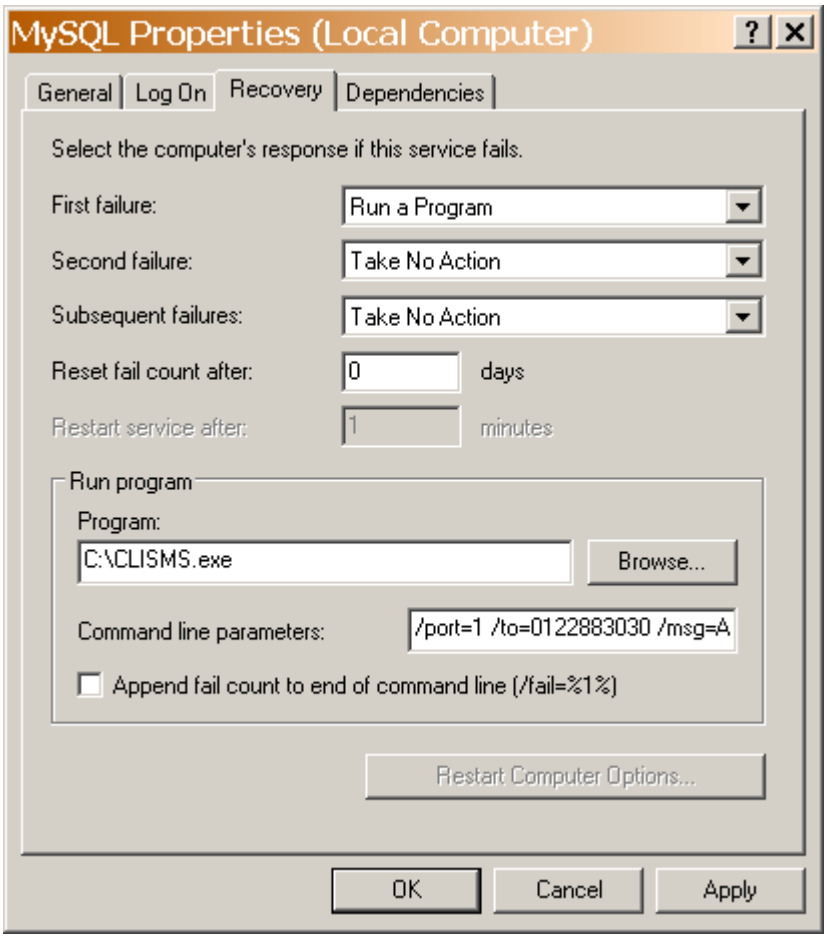
PRTG Traffic Grapher (http://www.paessler.com/prtg)



- 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`"

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".

TERMS AND CONDITIONS OF CLI SMS

1. ***CLI SMS*** 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. ***CLI SMS*** 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

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No support is provided.