



GUI3000 for Pocket PC – From GUI Innovations Limited

GUI3000 for Pocket PC is a revolutionary new product for Windows CE systems. It allows you to manage your Hpe3000 remotely, by modem wireless connection or ethernet. It is a cut down version of GUI3000/iX, but that doesn't mean it is less powerful. Included in the package is the ability to

- Control jobs and Sessions
- Look at and save spool files
- Monitor the console
- Issue MPE commands
- Monitor your system via the GUI3000/iX system Monitor
- Run programs in a terminal emulator

GUI300CE takes advantage of the 'keyboard-less' design of the Pocket PC. You can achieve most tasks without having to type any commands, simply by using 'point-and-click'. For those situations where point-and-click will not suffice, we have provided a terminal emulator.

Connection is done to a Windows Dial-up host system (a RAS server, ISP or similar). The remote connection can be made through GUI3000CE, and you are in control of your Hpe3000, no matter where you are.

 192.192.192.17 GUI3000, 11:52



Server Tasks Window Help   

Configuration

Configuration is done in a similar manner to GUI3000/iX. Enter your local host, log-on parameters, and remote host, and then connect. GUI3000CE supports both Security/3000 and MPEX.



The screenshot shows a configuration dialog box titled "GUI3000/CE - User De 13:29" with an "ok" button. The dialog is titled "Configuration Details" and contains the following fields and options:

- My IP Address: 192.168.0.233
- Host Name/IP: 192.192.192.17
- Friendly Name: HP917 Development
- Session: [] / []
- User: MANAGER / []
- Account: SYS / ***
- User Name: Pete Wickers
- MPE/iX? Supports FTP?
- Connect via Dial Up?

At the bottom of the dialog are "Delete" and "Save" buttons. Below the dialog is a taskbar with a keyboard icon and a mouse cursor.

The 'Supports FTP' check box is for those PC's whose manufacturer implemented the 'inet' protocol, such as the iPaq from Compaq. This will make the communications faster. If your Pocket PC does not support 'inet', then GUI3000CE will run just as well. Tick the MPE/iX box for Hpe3000 support. Uchecked, it will allow you to use the terminal Emulator on a Unix of Linux system.

'Connect via Dial Up' will show you a list of connections. Simply choose a connection, and when you 'Connect', GUI3000CE will ask if you wish to use the dial-up connection. If you answer 'Yes', GUI3000CE will handle the dial-up connection and authentication, and then connect to your chosen server.

Connecting

First choose your server.



Simply highlight the server you wish to connect to, and click on OK. Then from the main screen, click on Servers, Connect and GUI3000CE will connect to your chosen server (the name of which is shown in the caption of the form).

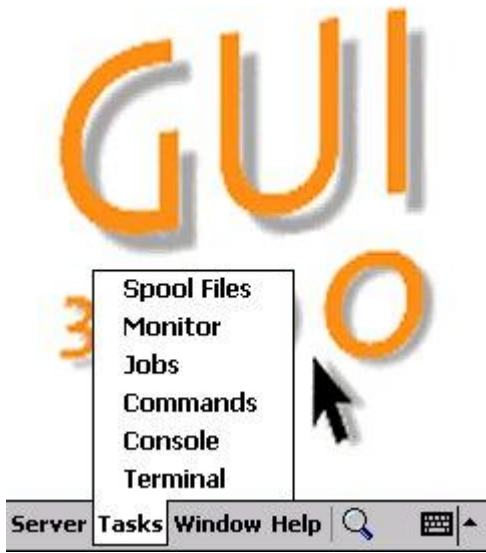


When you are connected, you will get an audible warning that you are connected.

Next, choose what you want to do:-

Running GUI3000CE

HP917 Development GUI3 22:13



Spool files

Clicking on Spool Files will show you the spool file filter screen, and the total of all the spool files on your connected system. You can then filter the spool files to keep the data transfer to a minimum.

HP917 Development GUI3 13:35

Spool File Selection

User: Logon User

Account:

Job Name:

Status
= **PROBLEM**

Date

Todays Files

Total no. of spool files is 529

Clear Cancel Show

Click on show and get a list of your selected spool files

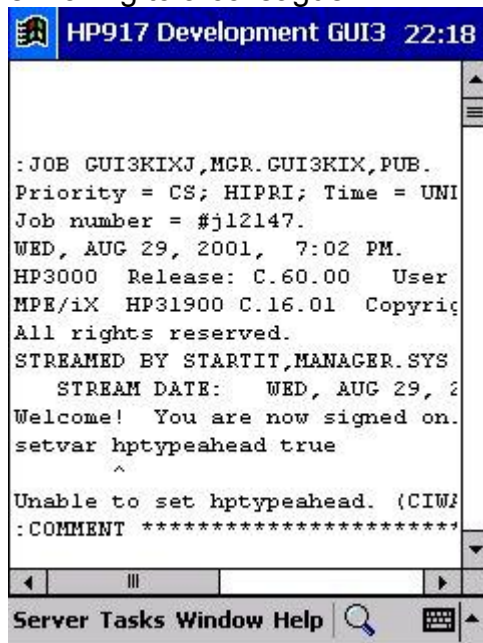
192.192.192.17 GUI3000 11:54

Spool File	Job Number	File Name	Job Name
#03761	J12135	\$STDLIST	GUI3KIX
#03759	J12133	\$STDLIST	JINETD
#03763	J12136	\$STDLIST	STARTIT
#03764	J12137	\$STDLIST	JINETD
#03766	J12130	\$STDLIST	GUI3KIX
#03760	J1	1st 25 Lines	WTRSH
#03757	J1	Last 25 Lines	BACKG
#03762	J1	List Spoolfile	BACKG
#03765	J1		WTRSH

Server Tasks Window Help

Click the spool file line, and hold the stylus down. You can view the whole file, the first 25 lines or the last 25 lines (useful to see how a job is progressing). You can then save the output for later perusal, thus maximising your connect time. Just imagine, you are in a taxi, heading for a meeting, and you can get your latest sales figures from your Hpe3000, wherever in the world it may be. Click on any heading to sort the spool files into that order.

Listing a spool file gives the output below. The 'magnifying glass' is to increase and decrease the font size, to make things easier (or harder) to see. Click on Tasks, Save Output to save your results for later viewing, or e-mailing to a colleague.



```
:JOB GUI3KIXJ,MGR.GUI3KIX,PUB.  
Priority = CS; HIPRI; Time = UNI  
Job number = #j12147.  
WED, AUG 29, 2001, 7:02 PM.  
HP3000 Release: C.60.00 User  
MPR/iX HP31900 C.16.01 Copyrig  
All rights reserved.  
STREAMED BY STARTIT,MANAGER.SYS  
  STREAM DATE:  WED, AUG 29, 2  
Welcome! You are now signed on.  
setvar hptypeahead true  
  ^  
Unable to set hptypeahead. (CIWA  
:COMMENT *****
```

Server Tasks Window Help

Working With Jobs and Sessions



You can show the processes of a job to see what it is currently doing, or you can show the output files from the job, and then examine those files. If the job is running a sales report for example, you can view the report, save it, and then e-mail it on.

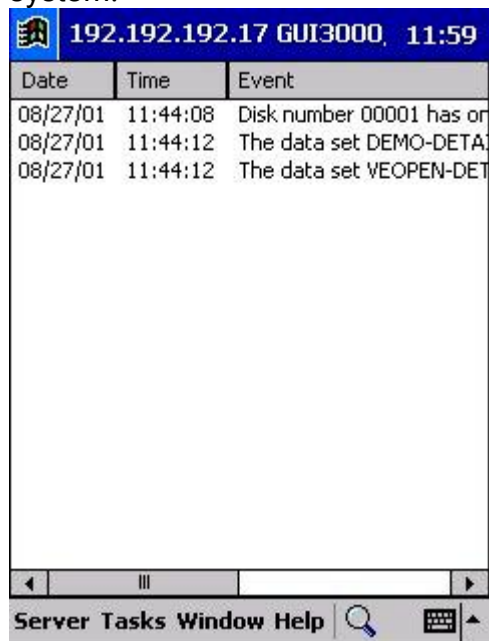
Monitoring the System

GUI3000CE takes advantage of the system monitors built into the GUI3000/iX server.

These allow you to:-

- Monitor disc space
- Monitor session limits
- Monitor waiting jobs
- Monitor for outstanding replies
- Monitor data bases for sets that are getting full
- Monitor files to ensure they do not get full

Choosing system monitor will give you a snapshot of the health of your system.



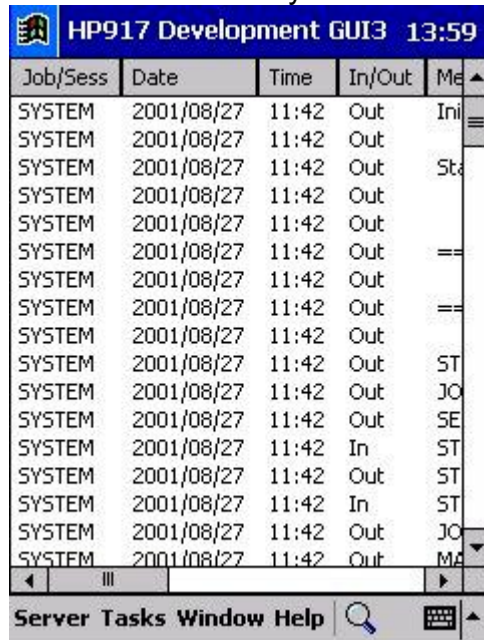
The screenshot shows a window titled "192.192.192.17 GUI3000 11:59". The window contains a table with three columns: "Date", "Time", and "Event". The table lists three events:

Date	Time	Event
08/27/01	11:44:08	Disk number 00001 has or
08/27/01	11:44:12	The data set DEMO-DETA
08/27/01	11:44:12	The data set VEOPEN-DET

At the bottom of the window, there is a navigation bar with the text "Server Tasks Window Help" and several icons including a magnifying glass, a keyboard, and an arrow.

Viewing Console Output

GUI3000CE allows you to monitor console output from your systems.



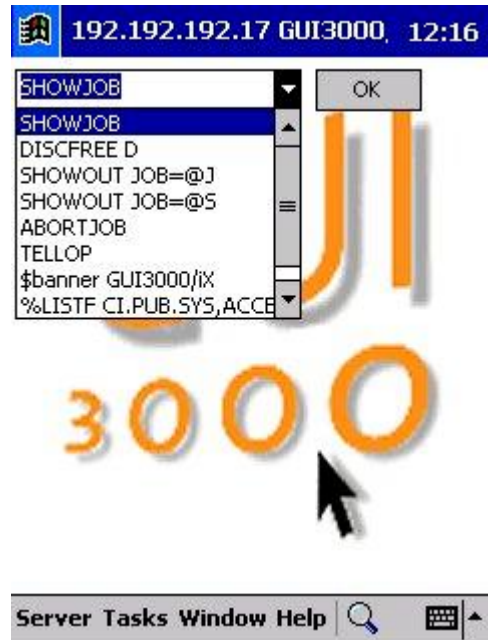
The screenshot shows a window titled "HP917 Development GUI3 13:59". Inside the window is a table with the following columns: Job/Sess, Date, Time, In/Out, and Message. The table contains 18 rows of system events. The bottom of the window has a toolbar with "Server Tasks Window Help" and a search icon.

Job/Sess	Date	Time	In/Out	Message
SYSTEM	2001/08/27	11:42	Out	Ini
SYSTEM	2001/08/27	11:42	Out	
SYSTEM	2001/08/27	11:42	Out	Sta
SYSTEM	2001/08/27	11:42	Out	
SYSTEM	2001/08/27	11:42	Out	
SYSTEM	2001/08/27	11:42	Out	==
SYSTEM	2001/08/27	11:42	Out	==
SYSTEM	2001/08/27	11:42	Out	==
SYSTEM	2001/08/27	11:42	Out	ST
SYSTEM	2001/08/27	11:42	Out	JO
SYSTEM	2001/08/27	11:42	Out	SE
SYSTEM	2001/08/27	11:42	In	ST
SYSTEM	2001/08/27	11:42	Out	ST
SYSTEM	2001/08/27	11:42	In	ST
SYSTEM	2001/08/27	11:42	Out	JO
SYSTEM	2001/08/27	11:42	Out	MA

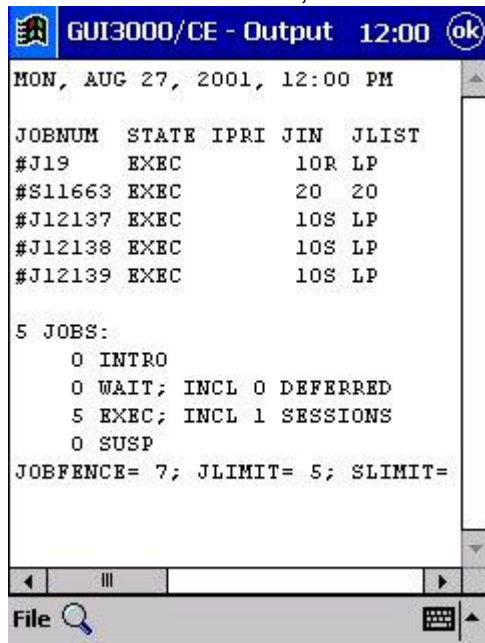
This will allow you to find out remotely if anything untoward is happening.

MPE Commands

You can issue MPE commands from a drop-down list. These can be edited so that you can add all your most needed commands, and thus remove the need for manual input. The file 'commands.txt' in the GUI3000CE folder contains your commands. The command window supports MPEX commands, simply prefix your command with \$, and posix commands, simply prefix the command with a %. Command output can be saved in a file, for later viewing or e-mail.



Select DISCFREE D, click on OK and....



The screenshot shows a window titled "GUI3000/CE - Output 12:00" with an "ok" button in the top right corner. The main content area displays the following text:

```
MON, AUG 27, 2001, 12:00 PM

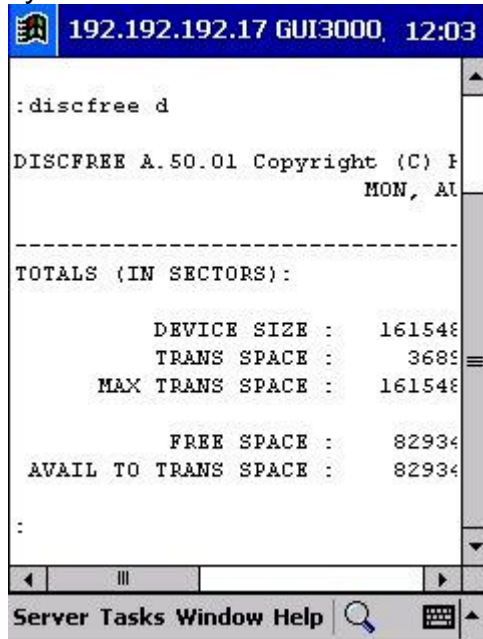
JOBNUM STATE IPRI JIN JLIST
#J19 EXEC 10R LP
#S11663 EXEC 20 20
#J12137 EXEC 10S LP
#J12138 EXEC 10S LP
#J12139 EXEC 10S LP

5 JOBS:
  0 INTRO
  0 WAIT; INCL 0 DEFERRED
  5 EXEC; INCL 1 SESSIONS
  0 SUSP
JOBFENCE= 7; JLIMIT= 5; SLIMIT=
```

At the bottom of the window, there is a "File" menu icon, a search icon, and a keyboard icon.

Terminal Emulation

As a last resort, if you need to type, a terminal emulator is provided. This is a standard Telnet emulator, and will also allow connection to Unix and Linux systems.



```
192.192.192.17 GUI3000, 12:03
:discfree d
DISCFREE A.50.01 Copyright (C) F
MON, AU
-----
TOTALS (IN SECTORS):
      DEVICE SIZE :    161548
      TRANS SPACE :     3689
      MAX TRANS SPACE :    161548
      FREE SPACE :     82934
      AVAIL TO TRANS SPACE :    82934
:
```

Server Tasks Window Help

System Requirements

GUI3000 For Pocket PC requires a Pocket PC, running Windows CE (although plans are under way for a Palm solution).

The 'dial-in' machine should be a Windows host, connected to your network. The server needs to be running GUI3000/iX server, and have licences to allow connection. GUI3000/iX server treats the Pocket PC as a normal client connection.

Distribution

For further details on GUI3000 for Pocket PC or GUI3000/iX, please contact:-

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GUI3000 for Pocket PC

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