HP Graphics and Forms Terminal Emulator for X11

Technical Data
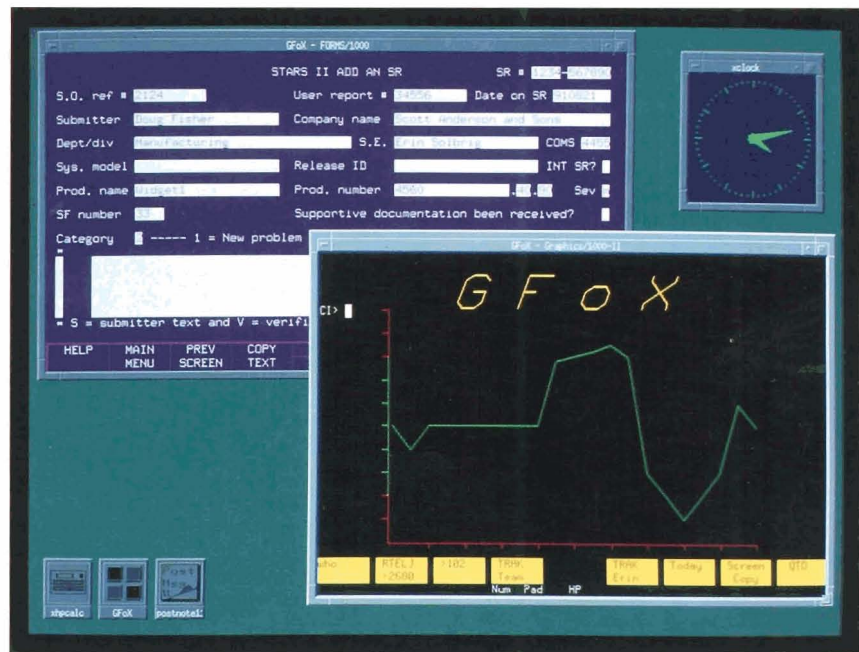
**HP 1000 A–Series
Computer Systems**

The HP Graphics and Forms Terminal Emulator for X11 (GFoX) is a Graphics/1000–II (AGP/DGL) and Forms/1000 I/O device running in an HP–UX X11 environment. GFoX was designed for customers wishing to interact with their Graphics and Forms applications from within an X11 environment. GFoX interprets many of the HP 2397A Color Graphics Terminal escape sequences and has many of its features.

These features include dithering, line styles, fill patterns, and independent alphanumeric and graphics planes. Besides these HP 2397A features, GFoX supports many X11 features such as a resizable window and input from a variety of sources.

GFoX can be run over multiple Telnet or RS–232C connections. GFoX has shown increased performance when using Telnet over other HP 1000 graphics I/O solutions, such as a serially connected HP 2397A terminal or a color monitor connected to an HP 12065A Color Video Interface Card. GFoX is user configurable either interactively or through the use of a .Xdefaults file.

Improved user productivity with the X11 environment is provided by:

- a dynamically resizable window
- multiple GFoX sessions from multiple HP 1000 systems within a single display
- improved graphics performance (via LAN connection)

GFoX can be used within the SoftBench Link/1000 Encapsulation development environment to provide greater efficiency in developing and debugging HP 1000 Graphics and Forms applications.

Features of GFoX

- Graphics/1000–II (AGP/DGL) support
- Forms/1000 support
- Telnet LAN support
- RS–232C serial link support

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Customer Benefits

- Improved user productivity via the X11 environment

- Improved efficiency for debugging Graphics and Forms applications within SoftBench Link/1000

- Improved graphics display performance for existing Graphics applications

- No changes required for most existing Graphics and Forms applications performing I/O to an HP 2397A terminal

- Leverage existing real–time applications into an HP–UX environment

- By having several GFoX sessions on one display, a smaller equipment footprint may be attained

Preliminary Configuration Information

- Graphics applications using GFoX require RTE–A revision 5.2 or greater.

- Forms applications using GFoX and Telnet require RTE–A and networking software (NS–ARPA/1000 or ARPA/1000) revision 5.24 or greater.

- Forms applications using GFoX and RS–232C require RTE–A revision 5.2 or greater. If revision 5.2 is used a special update tape is required. The tape is available via a reply card contained in each media package.

System Component	HP 9000 Series 300/400	HP 9000 Series 700	HP 9000 Series 800	HP 700/RX X-Terminals
System Software	HP-UX Rel. 8.0, X11	HP-UX Rel. 8.0, X11	HP-UX Rel. 8.0, X11	X11R4 Version B.02
System Models	345/400 and above	700 and above	825 and above	Any model with a color monitor
Physical Memory	16 MB RAM	16 MB RAM	16 MB RAM	10 MB RAM
Display	Medium or high resolution bit-mapped display	Medium or high resolution bit-mapped display	Medium or high resolution bit-mapped display	Medium or high resolution bit-mapped display

Preliminary Ordering Information

A GFoX license must be purchased for each X terminal user.

Product/Option No.	Description
B2695A	GFoX License-to-use on any platform
#UBE	5% credit per seat for 5-9 LTU's
#UBF	10% credit per seat for 10-24 LTU's
#UBG	15% credit per seat for 25+ LTU's
B2696A	GFoX for HP 9000 Series 300/400 HP-UX
#AAO	Software on 1/4" cartridge tape
#AAU*	CD-ROM certificate
B2697A	GFoX for HP 9000 Series 700 HP-UX
#AAH	Software on DDS cartridge tape
#AAU*	CD-ROM certificate
B2698A	GFoX for HP 9000 Series 800 HP-UX
#AAO	Software on 1/4" cartridge tape
#AA1	Software on 1/2" mag tape (1600 bpi)
#AAH	Software on DDS cartridge (DAT)
#AAU*	CD-ROM certificate

* Note: Please contact your local HP Sales Representative for availability.