Tech Info Library

QuickDraw GX: Discussion Of Key Features (7/96)

```
Revised:        7/1/96
Security:       Everyone
```

QuickDraw GX: Discussion Of Key Features (7/96)

===

Article Created: 11 July 1994
Article Reviewed/Updated: 01 July 1996

TOPIC ---

This article discusses the key features of QuickDraw GX.

DISCUSSION --

QuickDraw GX is a Macintosh system software extension that provides printing
features as well as advanced graphics, type, and color capabilities. QuickDraw
GX works with existing Macintosh applications and fonts and provides enhanced
printing functionality and document portability.

KEY FEATURES

PostScript integration

QuickDraw GX automates the typographic process determining proper kerning,
justification, and ligature sets. It also provides a number of ways of working
with PostScript™:

• Enhanced font management

  QuickDraw GX uses Adobe Type Manager GX (ATM GX) to provide complete
  support for Type 1 fonts. You can work directly with Multiple Master
  fonts, eliminating the need for multiple weights and instances.

• Smarter printing of type

  QuickDraw GX controls the downloading of all font formats, including
  TrueType, to PostScript printers. QuickDraw GX downloads only the
  characters needed from any font so that more fonts can exist in the
  printer RAM.

• Extended functionality of existing PostScript devices

QuickDraw GX provides real-time color interaction between objects
(transfer modes), perspective transforms on graphics and type, and
high-level type features on existing PostScript devices through ColorSync
color management technology.

Customizable, Extensible Printing

QuickDraw GX lets you use a printing enhancer background application to
customize your printing process to provide increased control, security, and
feedback. Examples of this feature are print multiple document pages to a single
sheet of paper, or printing grayed "Confidential" across every page of a
document.

Capabilities of QuickDraw GX drivers may be expanded by adding QuickDraw
GX Extensions to a user's system folder.

Printing Interface

You can create a desktop icon of your printer then drag any document on top of
the icon to have it printed. You can use the printer icon to reorder the print
queue, postpone a print job, or transfer print jobs to other printers by
dragging document icons to a new location or printer icon.

Printer Sharing

Using desktop printer icons, you can share any output device attached to an
individual Macintosh across an entire network.

Password Protection

You can control access to output devices, such as film recorders, to control the
use of costly consumables, such as color film, color toner, or expensive types
of paper.

BUNDLED SOFTWARE

 - Drivers
    LaserWriter GX
    ImageWriter GX
    ImageWriter LQ GX
    StyleWriter GX
    LaserWriter 300 GX
    LaserWriter IISC GX
    Portable Digital Document Maker GX
 - Fonts
    Apple Chancery
    Skia
    Tekton Plus
    Hoefler & Hoefler Ornaments
 - Utilities
    SimpleText 1.1.1
    LaserWriter Utility 7.7

```
      QuickDraw GX Helper 1.0
      Type 1 Enabler 1.1.9
      PaperType Editor 1.0
   - System Software
      QuickDraw GX 1.0.1
      ColorSync 1.0.5
      ATM GX 3.7
```

COMPATIBILITY

System 7.5 is compatible with most applications that are compatible with System
7.1. However, in order to use some new features of System 7.5, application
programs must be written to take advantage of its capabilities.

QuickDraw GX is compatible with Type 1 and TrueType fonts.

The LaserWriter GX driver is compatible with many third party laser printers
that use the standard LaserWriter driver.

The following devices may not be compatible with QuickDraw GX until their
manufacturers write and distribute suitable drivers or software:

```
Non-Apple products:                Apple products:
  fax modems                         Express Modem (fax capabilities)
  laser printers                     LaserWriter PostScript Fax Cards
  ink jet printers                   Color StyleWriter Pro
  color imagers                      Apple Color Printer
  plotters                           Portable StyleWriter
```

Check with the appropriate third party vendor for additional information about
specific products.

USAGE REQUIREMENTS

QuickDraw GX requires a Macintosh, Performa, or PowerBook computer with 8MB DRAM
and a 68020 microprocessor or better. It runs on all Power Macintosh computers
with 16MB of DRAM.

QuickDraw GX runs with System 7.1 or later.

This article is one of many available through the Apple Fax center. For a
complete list of available fax documents, search the Tech Info Library for Apple
Fax Document Index or call the Apple Fax line at 1-800-505-0171 and select
document number 20000 (Apple Fax - Document Index - Product Support Literature).
The Apple Fax center is available free of charge 24 hours a day, 7 days a week.

Article Change History:
01 Jul 1996 - Added Fax Doc Word
22 Feb 1995 - Corrected typo in software utility name.
15 Feb 1995 - Reviewed for technical accuracy, revised System 7.5 keyword.

09 Dec 1994 - Added keywords and list of features; other minor corrections.

Support Information Services

Tech Info Library Article Number:15792