

Programming Announcement



Information Systems Group
National Accounts Division
National Marketing Division

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IBM Displaywriter-3277 Device Emulation/Document Transfer is announced

5799-BKG (PRPQ number P10074)

IBM is announcing the IBM Displaywriter-3277 Device Emulation/Document Transfer PRPQ (DW-3277 DE/DT) licensed program. This PRPQ extends the capability previously announced in the Displaywriter-3277 Device Emulation PRPQ (#P10034, 5799-BHT), enabling the Displaywriter operator to interact with a suitably programmed IBM host system (e.g., Host-Displaywriter Document Interchange PRPQ #P09054, 5799-BKE) for document/file transfer. Together with the previously announced Displaywriter-3277 Device Emulation RPO (#8D0098) this PRPQ provides the user with the convenience of both Displaywriter and 3277-host system functions in a single work station. With a simple keystroke operation, the user can switch between Displaywriter functions and 3277 display applications as well as transfer documents between the Displaywriter and the host.

Displaywriters with the 3277 DE RPO and 3277 DE/DT PRPQ attach directly (via coaxial cable) to the IBM 3271 and 3272 Control Units and the 3274 Control Unit (with the Type B Terminal Adapter) of the IBM 3270 Information Display System. In this configuration, the Displaywriter will appear to the host as a 3277 Display Station Model 2.

Highlights

- Emulation of the IBM 3277 Display Station Model 2.
- Document creation via local Displaywriter functions.
- Document/file transfer capability between Displaywriter and a suitably programmed IBM host.
- A simple key sequence ("Hot Key") provides a smooth, easy transition between 3277 and Displaywriter operation.
- Suspend/resume capability maintains text and 3277 task integrity during mode change via "Hot Key."
- A single Displaywriter work station can provide both word processing capability and access to host-based applications.

- User notification via screen change in the suspended 3277 task.
- Operates with Textpack 4 and Textpack 6.

Delivery: Customer delivery schedules will be provided within 90 days.

Product description: Displaywriter-3277 Device Emulation/Document Transfer allows the IBM Displaywriter to be used either as a stand-alone Displaywriter or as a 3277 Display Station Model 2. This provides the user with the convenience of both Displaywriter and 3277 host system functions in a single work station. With a simple key stroke operation, the user can switch between Displaywriter functions and 3277 display applications. The product also provides the capability to transfer documents between the Displaywriter and a suitably programmed host system as described in the following application scenarios:

- Documents can be created by the Displaywriter user and transmitted through the host network to other similarly attached Displaywriters, where they may be viewed, edited, and printed.
- Documents from the Displaywriter can be transferred to a suitably programmed host where they may be viewed and edited on 327X displays.
- Documents created at the host can be transferred to the Displaywriter diskette for viewing, editing, or printing.
- The IBM host data base may be utilized for archiving documents in Displaywriter format, thus reducing the need for offline storage.

The Displaywriter-3277 Device Emulation/Document Transfer software is packaged on a single diskette and provides for the processing of keystroke data, host computer output display, status management display, and document transfer. Additional information is provided in

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Documentation: Memo, Licensed Program Specifications, and one copy of "Installing the Professional Office System" will be supplied with the basic material.

Publications (available from Mechanicsburg)

The following publication is now available:

- Introducing the Professional Office System (GH20-5601)

The following publications are planned:

- Getting Started with the Professional Office System
- Using the Professional Office System
- Installing the Professional Office System
- Managing the Professional Office System
- Quick Reference to PROFS
- Programmer's Guide to the Professional Office System
- Using Line-Mode Support with the Professional Office System

Form numbers and prices will be published at program availability.

the announcement material for the IBM Displaywriter-3277 Device Emulation RPO dated September 14, 1982.

Prerequisites:

- The IBM Displaywriter must be equipped with the DW-3277 Device Emulation RPO (#8D0098).
- Textpack 4 or Textpack 6 (both of which will be upgraded through a maintenance release to provide alternate foreground task support prior to shipment of DW-3277 DE/DT).
- Memory requirement for concurrent 3277 DE/DT and text operation:
Textpack 4 - 320K bytes
Textpack 6 - 384K bytes
Note: For non-concurrent operation, current Textpack 4 or Textpack 6 memory requirements apply.
- The IBM host system must be equipped with a suitable program (e.g., Host-Displaywriter Document Interchange PRPO #P09054 or equivalent) for document/file transfer.

Planning information

- The customer is responsible for the installation and use of Displaywriter licensed programs as well as for certain problem determination activities.

Performance evaluations of 3270 cluster controllers and attached devices are a customer responsibility.

Limitations:

- Displaywriter-3277 Device Emulation/Document Transfer adapter can coexist with communications features #3705 and 3707 on 25-line display station models. However, DW-3277 DE/DT software cannot operate concurrently with other Displaywriter communications licensed programs.
- 3277 Device Emulation/Document Transfer excludes light pen, APL, ASCII character set, keyboard numeric lock, operator identification card reader, attached printer, or any special features/RPOs.

Security, auditability, and control: The Displaywriter-3277 Device Emulation/Document Transfer PRPO utilizes the security and auditability features of the host operating system. User management is responsible for the selection, application, adequacy, and implementation of all security features and for appropriate application and administrative controls.

Service information: Central service is available from a central site (IBM Office Systems Customer Assistance Center) until terminated by IBM upon six months' written notice. In problem situations, the customer will be responsible for completing applicable problem determination procedures, contacting the IBM Office Systems Customer Assistance Center, and performing problem definition activities and remedial actions as requested. Should the customer fail to perform these activities as required, IBM will charge at the then current hourly rate for providing these services.

Installation or location license does not apply: A separate license is required for each designated machine on which the licensed program materials will be used. Each IBM Displaywriter System 6580 Display Station will be considered a designated machine.

Publications: Displaywriter-3277 Device Emulation Custom Feature Description (GA09-1679), previously

announced to be available in October 1982, will be available in December 1982. One copy of the following documentation will be provided with the program package from IBM Program Information Department. Additional copies may be ordered from Mechanicsburg via SLSS.

Displaywriter-3277 Device Emulation Operator's Reference Package (SA09-1680)
Displaywriter-3277 Device Emulation/Document Transfer Host Programmer's Guide (SC09-1038)

Charges, terms, and conditions

The Agreement for Licensed Programs applies for this PRPO.

The customer setup classification of the base machine is not affected by this product.

Charges:

	One-Time Charge
Program number 5799-BKG (PRPO #10074)	\$550

Customers who have obtained licensed program 5799-BHT (PRPO #10034) for a one-time charge can upgrade to licensed program 5799-BKG (PRPO #10074) by payment of an upgrade charge of \$100. The customer would also pay the PID process charge for the new licensed program received from IBM, if applicable.