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### **Performance Management**

HP GlancePlus, a performance monitoring and diagnostic software tool for the HP 3000, provides information on current system resource usage and process activity to help system managers and operators quickly isolate and resolve performance bottlenecks when they occur.

HP LaserRX software provides the comprehensive system activity information needed to manage your HP 3000 system for optimal performance, helping to contain costs, streamline data processing operations, and efficiently deliver defined levels of service. RXForecast works with LaserRX to support ongoing capacity planning and to allow you to perform regular system resource forecasting. All three of these performance management tools are standard on the DX version HP 3000 Corporate Business System.

### **Security**

Operating system security is an essential component of systems management. To protect your system from unauthorized access and data corruption, the HP 3000 provides robust system security. The operating system is designed so that the user capabilities, the account structure, the file system, and system security are integrated. All MPE/iX systems provide Department of Defense (DoD) C2 functionality when combined with a user interface package. Every file and device can optionally have an access control definition (ACD), which specifies which users have access to that file or device. An ACD can

restrict read, write, and append access, and can restrict printing access to a particular device to a specific user or set of users. System security is further augmented with multi-level logon access security and auditing.

### **Open Systems Functionality**

All HP 3000 900 systems provide OLTP performance and functionality while also supporting industry and de facto standards. The HP 3000 provides interoperable networking (ARPA, OSI and IBM SNA services) and application portability through standard application programming interfaces (POSIX, industry and defacto standard languages and relational database management systems).

### **Industry Standard Networking**

HP networking solutions are based on defacto and industry standards. These standards include: Open Systems Interconnect (OSI); Transmission Control Protocol / Internet Protocol (TCP/IP); Systems Network Architecture (SNA), and the Open Software Foundation's Distributed Computing Environment (OSF/DCE). A networking solution based on standards enables effective communication between a variety of computer systems. In addition, it protects your current computer equipment investment and gives you the flexibility to choose the best technologies and applications for your future needs.

### **System-to-System**

For system-to-system communications, the HP 3000 has a complete offering of local and wide-area networking services. ARPA Services, NFS, and NCS allow for transparent file access, file transfer, and sharing of resources in a TCP/IP environment. In OSI networks, FTAM allows users to transfer files between different vendor computers. In addition, the HP 3000's X.400 product, based on the industry standard OSI model, lets users send and receive electronic mail messages across a multivendor environment. For HP 3000 to HP 3000 communication, HP Network services provides virtual terminal and file transfer capabilities.

### **PC Integration**

The HP 3000's family of PC Networking products (Novell Netware and LAN Manager) enable PC users to access enterprise-wide information and computing resources. This provides users with the best of both worlds: access to PC applications plus access to the power and resources of the HP 3000.

HP 3000 Networking Services and PC Networking products are supported over industry standard links: Ethernet/802.3, and Token Ring for local-area communication and X.25 for wide-area connection. NS Point-to-Point is also supported for a direct connection between HP 3000 systems.