

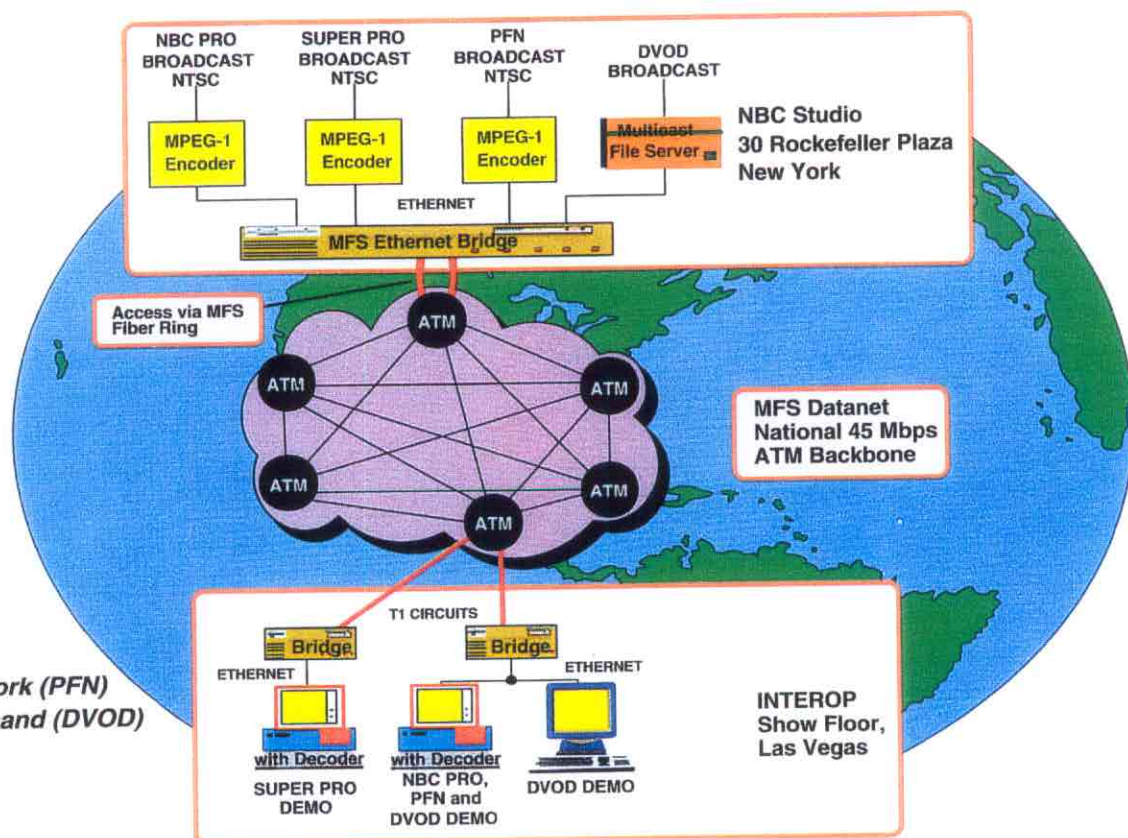
NBC Desktop Video

Market moving events such as congressional hearings, analyst meetings, shareholder events, natural disasters and other breaking national and international stories are of interest to the financial community, since it may affect the performance of their investments. NBC Desktop Video saw the need to distribute this content as unfiltered information in the form of real time video and multimedia news clips directly to the desktop. This application will also allow subscribers to have on-demand video, retrieving items previously broadcast at their leisure. In order to do this, the applications requires a high bandwidth network, capable of multi-casting this information to various workstations around the country and internationally.

In response to this increasing demand for such services, NBC Desktop Video created three products: Private

Financial Network™ (PFN), NBC Professional™, and NBC Desktop Video On Demand™. NBC Professional focuses on live coverage of market moving events, and PFN covers long form financial presentations such as Regional Brokerage Conferences and CEO interviews. With NBC Desktop Video On Demand, subscribers have the ability to recall live coverage, as well as retrieve previously broadcast stories, directly to the PC on their desk.

NBC Desktop Video chose MFS Datanet's High-speed LAN Interconnect (HLI) Service to deliver their applications. MFS Datanet's fiber optic network uses the most technically advanced and innovative technology to provide up to native LAN speed interconnection seamlessly and easily. Inherent in MFS Datanet's unique network is the ability to multi-cast information to major cities nationwide and internationally.



Services Demonstrated:
 NBC Professional
 NBC Super Pro
 Private Financial Network (PFN)
 Desktop Video on Demand (DVOD)

Each desktop must be equipped with a PC utilizing a 386/SX processor or higher, with a minimum of 4 Mb of RAM and 8 Mb of available hard disk space. DOS v5.0 Windows and Unix operating systems can all be supported on this application. Video and sound decoder cards and a VGA monitor are also required. This PC must also be connected to the Local Area Network (LAN) at their location. The video clips are delivered directly from the MFS network to the subscribers LAN at a speed of 516 Kbps.

The video feed originates from the NBC Desktop Video broadcast center in New York City and is transmitted over MFS Datanet's network. Multicasting of the original feed occurs at the MFS Datanet network hubs and is transmitted over Asynchronous Transfer Mode (ATM) technology to subscribers in cities nationwide. ATM allows for high speed, low latency delivery of information—which is critical when delivering video services.