

## Operation

### 1. Accessing Binary Attachments

ODX.400 operates on the same platform as the X.400 MTA software. The MTA is responsible for routing any E-mail that contains at least one binary attachment. ODX.400 can process the complete X.400 E-mail message or the MTA can forward only the appropriate attachments (X.400 Body Parts).

### 2. Identifying Format Type - File Reporter

For each attachment ODX.400 requires the format of the *Source Document* to call the appropriate source converter module. Although the 1988 X.400 specification has a provision for storing an EIT (Encoded Information Type) to specify the format of each binary attachment, its support and use are not very widespread. ODX.400 uses the KEYpak File Reporter to properly identify the format of the attachment.

File Reporter has the capability of identifying more than 200 different file types

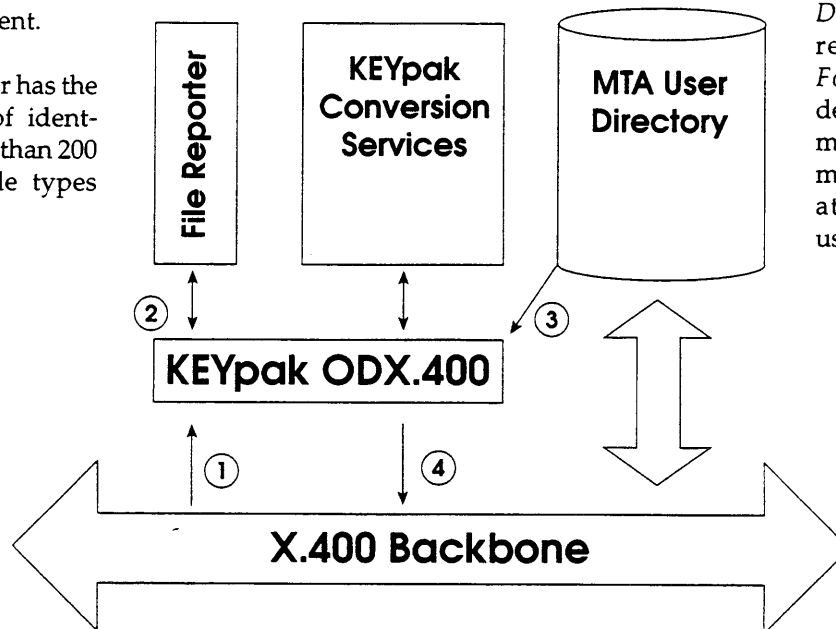
including word processing, spreadsheets, graphics, images, presentations, databases, executables, audio and encapsulation formats. File Reporter does not simply look at the file extension or other external tags, but analyzes a portion of the actual file.

### 3. Preferred Format Lookup

To provide E-mail document conversion services, the administrator must identify the *Preferred Format* or formats for each recipient. The E-mail MTA User Directory (X.500 or proprietary) stores the Preferred Format for each end user. The X.400 MTA or backbone E-mail system provides KEYpak ODX.400 with the *Preferred Format* for each recipient.

### 4. Document Translation Services

ODX.400 provides conversion services between the format of the *Source Document* and the recipient's *Preferred Format*. The MTA delivers each recipient's message in the normal manner with all attachments in each user's *Preferred Format*.



## Platforms

KEYpak ODX.400 is available on the following UNIX platforms:

- DEC RISC ULTRIX
- DG Aviiion
- HP/UX
- RS-6000
- SCO
- SUN Sparc OS

KEYpak document converters are also available on IBM MVS, IBM VM, DEC VMS, HP MPE, Novell Netware, MS-DOS, Windows and Apple Macintosh.

## System Requirements

System requirements are dependent on the number of document formats supported and the number of translations performed.

- Memory: 512 KB per translation (average)
- Disk Space: 500 KB per format (average)