



# VIKING SOFTWARE SOLUTIONS™

A Division of Phoenix Software International®

**Systems for data capture and document management**

## *HARDWARE REQUIREMENTS*

### ***VDE, VDE+IMAGES AND IMAGENTRY***

*Viking software products work efficiently on a variety of networks and require a minimum of workstation resources. Contact your sales representative to learn the requirements for your specific application.*

#### Server

Viking products can be installed on any network fileserver that can provide file services to remote Microsoft Windows-based workstations. These include Windows, Novell, and Unix systems (using SMB protocol) among others. For thin client installations, remote users can access the server over the Internet with a CITRIX or Microsoft Remote Terminal Server for key-from-paper (**VDE**) or key-from-image (**VDE+Images** and **ImagEntry**) applications.

#### Network Speed

A 10 Mbit/s network is fast enough for **VDE** because it only uses the network when the program opens or closes a data file and when the journal file is flushed every few minutes.

**ImagEntry and VDE+Images** may require a faster LAN particularly if you have more than a couple of dozen key-from-image users. A 100 Mbit/s network should be adequate to move the images across the network for each transaction.

#### Storage Capacity

**VDE** storage requirements are minimal because data entry batch files tend to be small and have a short residence time. As a guideline, assume each operator will generate 100 KB per day. Multiply this by the number of days you will keep the data files on your server to determine the storage capacity requirement.

**ImagEntry and VDE+Images** have much larger disk requirements to store images. Most document image files, even ones meant for Optical Character Recognition (OCR), are less than 100 KB each and many compressed images are less than 20 KB each, but you must investigate the size of your images and the amount of time they will reside on the server to estimate your disk storage requirements.

#### Desktop Requirements

Viking's data entry programs are compatible with any hardware system capable of running a supported version of Microsoft Windows. Viking products do not need addition memory beyond the operating system requirements.

#### Uploading to a Mainframe

If you upload data files to a mainframe, use the communications package recommended by your mainframe administrators. The communications package for IBM mainframes can perform the ASCII to EBCDIC conversion.

#### Other Considerations

We recommend surge protectors for each workstation, UPS units for network servers, firewall protection, and up-to-date antivirus software.

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