1SCAN: Product Data Sheet

Overview

1SCAN is a Microsoft Windows based software application that manages document scanners for 1MAGE installations. 1SCAN's administration options let you easily select a capture path, transfer method, scanning mode, and pre-indexing routine for your scanned images.

These images may be magnified, enhanced, rotated, collected into batches, and appended with user notes.

1SCAN lets you capture images on either your PC's internal drive or on an external network or NFS mounted drive and then transfer them to an indexing location on your image server – this flexible combination of capture and transfer options even supports scanning from remote locations.

1SCAN offers two scanning modes:

- Single scan for image-by-image quality assurance inspection
- Continuous scan for high speed and nearly unattended scanning throughput

1SCAN also offers two pre-indexing routines which can facilitate the document indexing process:

- Continuous typing attaches the same type code and index keys to every image.
- By Document typing attaches distinct type codes and index keys on an image-by-image basis.

If images are pre-indexed at a scan station and then transferred to the image server, they may be automatically indexed and archived with no further operator intervention when additional indexing information can be derived from the pre-indexed data.

To further automate the indexing process, recognition technologies such as barcode, optical character, optical mark, or handprint may be implemented so that even a pre-indexing routine is not necessary.

1SCAN configures supported scanners for:

- Paper size, source, and destination
- Scan mode
- Scanning dpi, contrast, and intensity
- Orientation and rectangle size
- Start time
- Error message delay
- Other parameters specific to each type of scanner

Features

- May be navigated using mnemonics, keyboard commands, or mouse
- Offers flexible combinations of two capture methods, four transfer methods, two scanning modes, and two pre-indexing routines for image management
- Groups images in batches by scanner ID
- Supports simplex or duplex scanning
- Pre-indexes by specifying a document type and up to three associated index keys for each image
- Attaches text annotations (imprints) to images at scan time that couple dynamic system information such as batch code, date, and time with static user-supplied information such as operator name
- De-skews image displays which deviate up to 12 degrees from the perpendicular
- Offers tuning of barcode recognition parameters at the menu level
- Removes the black border on the edge of an image, thereby decreasing the amount of disk space required to store an image and yielding a much cleaner image for viewing, faxing, and printing (Bell and Howell scanners only)
- Makes magnification modifications to the image which appears in the view window, not to the stored image
- Makes rotation modifications to the image which appears in the view window and can store the rotation if desired
- Makes imprint modifications (such as system date, time, and batch number) to the stored image

Technicals

- Supports 10 to 200 ppm (page per minute) scanners
- Stores images in TIFF format with CCITT Group 4 compression
- Creates two records for each scanned document:
- Image record (image.tif)
- Companion data record (image.dat), which temporarily holds indexing and audit trail information until an image is indexed and archived.