IDEA for the Canon RFS1000

PowerScan's IDEA family of products is specifically designed to enable and operate in an Integrated Digital Environment where Access to the data becomes critical to the successful management of knowledge within the enterprise.

IDEA for the Canon RFS1000 brings PowerScan's industry proven, core competancies of device interfacing and image processing to the unique realm of hybrid film/image scanning and archival.

IDEA and Canon RFS1000 incorporates all the image capture and processing expertise of two industry giants and brings together key production level processing capabilites in a simple user firendly system that can support individual or multi-user processing environments. IDEA represents the best of current state of the art, Microsoft COM Object compliant, applications that integrate closely with core messaging, workflow, imaging, database and Internet based technologies found in today's virtual and wired enterprises.

PowerScan's business focus is on the CAPTURE and PROCESSING of digital information. Solutions for multiple sources and data types as well as multiple destinations and interim processing capabilities have been developed over the past 10 years. The RFS1000 is the latest in the field of multifunction devices supported by the PowerScan and IDEA family of products.

The IDEA software benefits both the Canon Dealers and Users by providing processing speed, simplicity, efficiency and several enhanced features. IDEA for the RFS1000:

- Captures image level addresses for microfilm images
- Drives the device at FULL RATED SPEED (with compression ON)
- Utilizes the SAME user interface for all Canon scanner products—Simplicity for the operators, Ease of use and Reduced training for the dealers
- Supports a mixed scanner environment (non-Canon scanners can be mixed with Canon Scanners) presenting the SAME look and feel across all products.
- Outputs to ANY back end application or database. Optika, OTG, Excalibur, Watermark, etc.

IDEA Usage Scenarios

Capture:
The choice for SIMPLE INDEXING and output to an existing application via a flat ASCII file. Drives the RFS1000 at FULL RATED SPEED and captures image level addresses for both the film and digital image.

Desktop:
The choice when extensive image indexing and/or processing is required in addition to the scan capture of the original documents. A complete system supporting ONE scanner (at a time) input to a SINGLE USER, SEMI-AUTOMATED processing solution with multiple back end application or destination output capability.

Enterprise:
The choice for high volume, mulit-job, and distributed environemnts. Allows MULTIPLE scanners to simultaneously feed into a MULTI-USER, FULLY AUTOMATED image processing system capable of outputting to MULTIPLE back end applications or destinations.
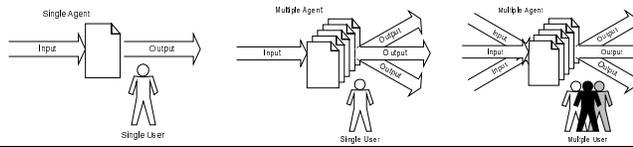
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IDEA System Configuration

Single Agent / Input / Output / Single User

Multiple Agent / Input / Output / Single User

Multiple Agent / Input / Output / Multiple User

Features	Capture	Desktop	Enterprise
Engines			
Scan	X	X	X
Clean	X	X	X
Bar-Code	X	X	X
OCR		X	X
Print		X	X
Endorsement		X	X
Script		X	X
Engines Combined to Create Agents			
One Agent Only	X		
Multiple Agents		X	X
Fixed Agent for Scanner Only	X		
User Definable Agent		X	X
Functions			
Single User	X	X	X
Multiple Users			X
Fixed Format Output	X	X	X
Flexible (User Defined) Output Formats		X	X
Simple Indexing	X	X	X
Complex Indexing		X	X
ASCII Data Storage	X	X	X
ODBC Data Storage (Access)		X	X
ODBC, SQL Data Capture Storage (Any)			X
Manual Job Selection	X	X	X
Automatic Job Selection		X	X
Manual Batch Processing			
Semi-Automatic Batch Processing		X	
Fully Automatic Batch Processing			X
Access 3rd Party API – VB Scripting		X	X
Multi-page .tiffs		X	X
Centralized Processing		X	
Distributed Processing			X
Same User Interface for all Devices	X	X	X
API Connectivity to other Systems (Output)		X	X
Capture Image Level Address	X	X	X
Supports Multiple Scanners Feeding One Single System		X	X
Supports Multiple Scanners Simultaneously Feeding One Single System			X

Minimum Hardware Requirements

The target computer must meet at least the following hardware requirements:

166 MHz Pentium

32MB RAM

2-GB hard disk with 200MB of free space.

PCI Video card with 2MB RAM

15 inch monitor capable of 1024 x 768 resolution with a refresh rate of 60 Hz

OR

17inch monitor capable of 1280 x 1024 resolution with a refresh rate of 72 Hz

IDEA-supported scanner Adaptec 2940 UW PCI SCSI Controller

SCSI cable 6'

Recommended Hardware

For optimum performance, a computer with the following capabilities is strongly recommended.

300 MHz Pentium II

128MB RAM

4GB EIDE hard disk

AGP Video card with 8MB RAM

CD-ROM drive

19 inch monitor capable of 1280 x 1024 SVGA resolution with a refresh rate of 85 Hz

IDEA-supported scanner

Adaptec 2940 UW PCI SCSI Adapter

SCSI cable 6'

Software Requirements

Windows 95B (OEM Service Release 2)

OR

Windows NT4 Service Pack 4 or higher

MS Internet Explorer 4.01 Service Pack 1 or higher

DCOM

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