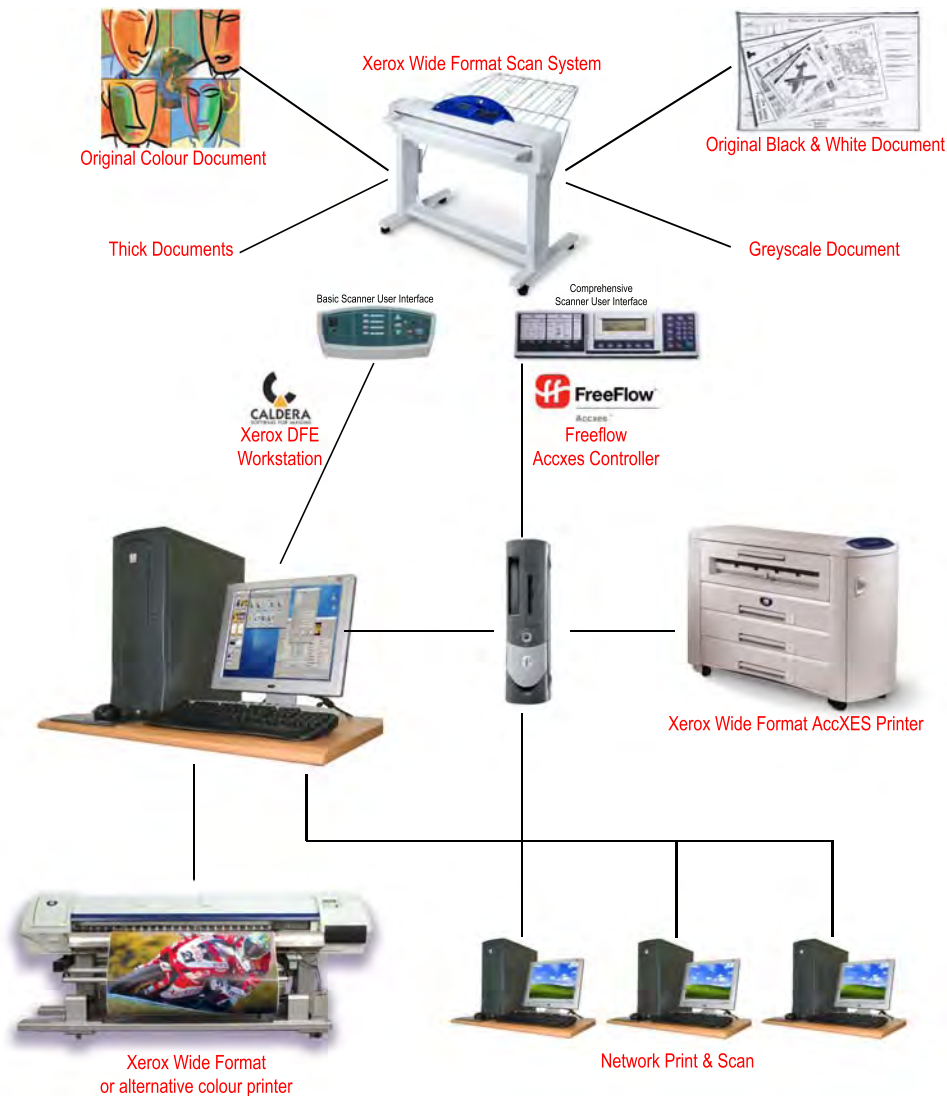# Scan System Solution

Flexible solutions for technical & colour scanning

The Xerox Wide Format
Scan System Solution

Xerox Wide Format offer a range of flexible solutions for the bulk scanning of technical documents to copying of full colour images.

Xerox Wide Format Scan System in Operation

Original Colour Document

Xerox Wide Format Scan System

Original Black & White Document

Thick Documents

Greyscale Document

Basic Scanner User Interface

Comprehensive Scanner User Interface

CALDERA
Xerox DFE Workstation

FreeFlow
Freeflow Accxes Controller

Xerox Wide Format AccXES Printer

Xerox Wide Format or alternative colour printer

Network Print & Scan

Xerox DFE Workstation Options:

Xerox Wide Format Scan System
• Scan documents up to 914.4mm wide and 30.5m long (document width can be wider)
• Monochrome and Colour
• Permanently aligned, self calibrating image sensors
• Automatic width and length detection, with automatic image centering with comprehensive scanner interface.
• Scan-to-Net
• Intuitive user interfaces
• Thick document scanning, up to 13mm

AccXEScan
Scanning & Copying:
• Intuitive user interface, single step operations
• Network scanning allows all users on the network to share the scanner
• Scanner can be upgraded from 2ips to 4ips with up to 8ips scanning at 200dpi in monochrome
• Xerox DynamicIQ for automatic detecting document quality and adjusting on the fly to improve the scanned image.
• Auto width and position detection
• Batch mode allowing completion of jobs upto 15% faster
• Supports Qindexer (see details)
• One scanner for mono and colour copying

It is a fully modular solution:
• If you choose to purchase the scanner without colour this can be added at a later date without replacing any components.
• Any Xerox Wide Format Accxes-based printer can be added to an AccXEScan system to create a full multi-functional device for printing, copying and scanning.

Combine with a Xerox DFE Workstation for colour copying (see section below).

Feature	AccXEScan	Caldera
24 Bit True Colour	y	y
ICC Calibrated	y	y
256 Indexed Colour with choice of 4 colour palettes	y	y
8 bit Greyscale	y	y
Dynamic IQ	y	
Scan to Net	y	
Available as Mono only (colour upgrade poss)	y	
Mono Copy (to Xerox Freeflow Accxes enabled printers)	y	
Colour Copy (to Xerox printers)	o	y
Colour Copy (to other printers)	o	y
Green Button Copy	y	y
Use one scanner for mono & colour copying	y	y
Deskew		y
Crop		y
Colour adjust (black / white point adjust etc)		y
Auto size detect	y	y
Auto image centring	y	
Batch mode	y	
DocuWide Q Indexer	o	
Thick Document Support (13mm)	y	y
Up to 4ips mono (0.5ips colour)	y	y
Up to 8ips mono (1ips colour)	y	y
Up to 400dpi (true optical resolution)	y	y

Intelligent Inline Imaging
The Scan System uses a patented array of CMOS image sensors to deliver precise images every time. Unlike most CCD ('Camera') based scanners, the sensors are permanently aligned and completely self-calibrating for image accuracy – eliminating the need for stitch alignment and normalising.

Easy upgrades protect investments
Because image-processing technologies are continually evolving, the scanner is designed to keep your investment current. Xerox Wide Format is committed to the principle of scalable products, unlocking hardware performance through downloadable software keys.

Xerox Docuwide Qindexer
The Xerox Docuwide Qindexer software brings you a unique combination of speed and flexibility with unmatched ease of use. Designed to complement the performance of the Wide Format Scan System and Freeflow Accxes controller, Qindexer brings scan-to-file into a new dimension.

Power, Speed and Ease of Use
The Xerox Docuwide Qindexer provides one simple interface for efficient viewing and indexing of images, directly from the Wide Format Scan System and Freeflow Accxes Controller. Unique scan-to-net technology means a dedicated PC is not required.

Fast, Interactive Image Preview
Docuwide Qindexer delivers unparalleled productivity by allowing you to view the scanned document prior to indexing. Automatic zooming to the document title block enables swift indexing. Real time navigation of the image with full zoom capability helps you to qualify the quality of the information captured.

For those difficult images a check print is just one mouse click away. If a scan fails the quality check, a reason may be logged for later review.

Easy, Efficient Indexing
The Docuwide Qindexer has been designed to bring significant timesavings to busy departments. You now have an easy and efficient means of naming and archiving files with simple user input.

For full details on the Xerox Docuwide Qindexer please request a brochure.

Xerox DFE Workstation CopySHOP

CopySHOP is an integrated desktop Scan-to-File, Scan-to-Copy and File-to-Print system. Powerful functions in a simple to use application produce fast performance from wide format colour devices.

High speed RIP, with concurrent RIP and print gives unbeatable print engine performance.

· Green button copy
· Preview, adjust and print after one scan
· Easy and efficient
· Full ICC support

· Paper optimisation
· Queue management
· Out of box compatibility
· Rotation and De-Skew
· Step & Repeat
· High quality scaling
· VisualUSER allowing concurrent use by up to 5 people (1 user as standard)
· Professional photo lab quality
· Preview/Preflight: fast display of file content
· Accurate colour reproduction
· Print, scan, copy, including scan-to-PDF

Xerox DFE Workstation ReproSHOP

The ReproSHOP suite of software meets the demanding requirements of productive colour reproduction and image manipulation. ReproSHOP brings the speed, power and accuracy of CopySHOP to the production environment.

· Shared printer queues
· Hot folders
· Task automation
· Precise control over rendering techniques
· Image editing and adjustment
· Poster composition

· Nesting
· Tiling
· Step & Repeat
· PDF creation
· Spot colour matching
· Drag & drop interface allows users to work with multiple images
· Support for multiple printers
· Enhanced ICC profile support

Printer Support
Xerox DFE Workstation supports a large range of wide format printers from Xerox, HP, Epson etc. (full list available on request)

Xerox DFE Workstation Features

CostPROOF
The costproof module calculates the cost of a print (media and ink) without printing the file, taking into account the quantities of ink required.

VisualUSER
Visual User is a revolutionary concept which, together with the Xerox DFE Web interface, provides full control of the RIP from your desktop Mac or PC. VisualUSER permits multiple users to access the system simultaneously.

Xerox Optimised Hardware

All RIP versions are supplied with Xerox hardware as standard to optimise performance and reliability in the most demanding situations.

Specifications

Xerox Wide Format Scan System

Resolution
400 x 600 dpi

Copy/Scan Speed
Standard:
2 ips at 400 dpi (copy and scan)
4 ips at 200 dpi (scan – 1-bit per pixel mono)
Optional Upgrade:
4 ips at 400 dpi (copy and scan)
8 ips at 200 dpi (scan – 1-bit per pixel mono)

Colour Scan-to-Net
0.5 ips at 400 dpi
1.0 ips at 200 dpi

File Formats
Colour Scan Formats: TIFF Packbits, TIFF Index Error Diffusion with 4 palettes, TIFF Index with 4 Palettes, JPEG with three automatic compression modes
Mono Scan Formats: TIFF Packbitts, TIFF uncompressed, PDF, Cals

Input
Min: 149mm 210mm; Max: 914mm x 30m
Document thickness up to 13mm

Edge/Centre Adjustment
Lead and trail edge adjust/centre alignment

Scan-to-Net
Indexing; scan preview; link to raster editor; TCP/IP Ethernet interface; Line or Greyscale
Optional – Colour Scan-to-Net, Scan-to-Print

Resolution
75/100/200/300/400 dpi

Client Software
Document Retrieval Tool

Power Requirements
220-240V @ 10A

Dimensions
W 1359mm H 1150mm D 400mm with stand

Safety Certifications
UL 1950, CNL C22.2 No. 950-M93, Low Voltage Directive 72/23/EEC, CE Marking Directive 93/68/EEC, FCC Part 15 Subpart B (Class A), ICES-003, Issue 3: 1997 (Class A), EMC Directive 89/366/EEC

Xerox DFE Workstation

CopySHOP
Printing of raster files: TIFF, TIFF/IT, JPEG, TARGA, GIF, Photoshop PSD, SGI, Alias, Softimage, SUN Raster, XWD, PhotoCD, PBM, PPM, PGM, SpotImage, PCX and BMP. Together with HPGL processing and fast PostScript Level 3, EPS and PDF 1.4 processing. VisualUSER: 5 users.

ReproSHOP
Raster Formats: TIFF, TIFF/IT, JPEG, TARGA, GIF, Photoshop PSD, SGI, Alias, Softimage, SUN Raster, XWD, PhotoCD, PBM, PPM, PGM, SpotImage, PCX and BMP. Together with HPGL processing and fast PostScript Level 3, EPS and PDF 1.4 processing. VisualUSER: 1 user. 2 concurrent printers.

Additional Options
Additional VisualUSER licences, additional concurrent printers, DeskCDR/DVD, DeskPDF (PDF Creator) and CostPROOF.

Xerox Optimised Hardware
All RIP versions are supplied with Xerox optimised hardware as standard to guarantee optimum performance and reliability in the most demanding situations, with configuration protection and full system recovery.
Specifications:
· 3 GHz CPU
· 1GB Ram
· 120GB HDD
· CD Re-Writer
· 17" or 19" TFT Screen

Freeflow Accxes Controller

CPU
Power PC

Power Requirements
220-240V @ 3A

Memory
1 GB standard

Hard Disk
Standard – 80 GB

Data Formats
Automatic data format recognition for HP-GL; HP-GL/2; HP-RTL; C4; FileNET; CalComp 906/907/951/PCI; TIFF 6.0; NIRS; VCGL; CALS 1 & 2; compression types (for applicable raster formats): CCITT G4, G3-1D, G3-2D, Packbits, RLE, Seed Row, Adaptive
Optional: Adobe PostScript 3 with PDF v1.6; CGM (Level 1 with ATA ext.); VCGL; Versatec Data Standards (VRF, ordered vector, blocked raster, compacted raster)

Interfaces
Ethernet (TCP/IP) 10/100/1000 BaseT

Network Protocols
TCP/IP

Client Software
AutoCAD HDI Drivers
Adobe PostScript 3 Print Drivers
Windows Print Drivers
Web Print Manager Tool
Accxes Client Tool with Document Retrieval Tool and Document Submission Tool
Account Management Tool
64 bit Windows and PostScript drivers

Your nearest XEROX authorised wide-format reseller is:

Springstar Limited
Park House, Greenhill Crescent,
Watford, Hertfordshire WD18 8PH
Tel: 01923 819999
Email: sales@springstar.co.uk
Web: www.springstar.co.uk