

PROFESSIONAL SCANNER INTERFACE SOFTWARE

ISIS®

The industry standard, enterprise-level interface that unites a universe of scanners and applications

What is ISIS?

ISIS® (Image and Scanner Interface Specification) is a software standard conceived by Pixel Translations, now EMC Captiva, that allows programmers writing document management software to avoid coding scanner drivers at low level for the many scanner (mostly A4/A3) devices these products interface with. A scanner interface standard also benefits the eventual customer because all applications using the ISIS® standard appear and function in a similar way making training easier, improving customer acceptance and reducing operational errors.

EMC Captiva also develop a set of software tools designed to manage many of the specialist graphical operations that are required when manipulating picture information acquired by the drivers.

Where is it used?

ISIS® is used by software companies writing software for the Electronic Data Management (EDM) and Electronic Data Capture (EDC) markets. This software is used for the automatic and semi-automatic processing of paper documents of all types. The digital versions of these files are displayed onscreen, cleaned up if necessary with some or all of the text converted to ASCII. The information (pictorial or written) now in digital form, is then stored in a sophisticated database system written specifically for the type of business concerned. The digital versions of these documents can then be located and called up by remote offices in seconds. The resulting efficiency gain by processing paperwork in this way has pushed growth in the associated software and hardware involved in this market significantly during the last five years.

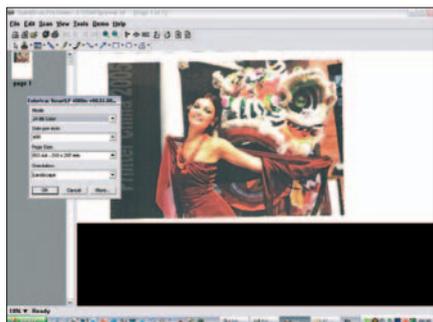
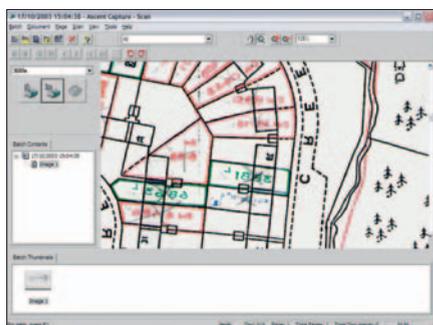
Certification

ISIS® certification means that the scanner product is able to meet a critical standard of operability and this in turn guarantees that the product and scanner will work as expected inside the chosen application.

More than three hundred scanners and image capture devices are currently ISIS® Certified.

How does it work?

The ISIS® product is based on modules that enable the features of the scanner to be accessed from within the graphical user interface (GUI) of the host application using methods standard across the ISIS® range of products.



Colortrac
Our Business is Your Image

SmartLF (standard)

CopySmart (optional)

ISIS (optional)

ScanWorks (optional)

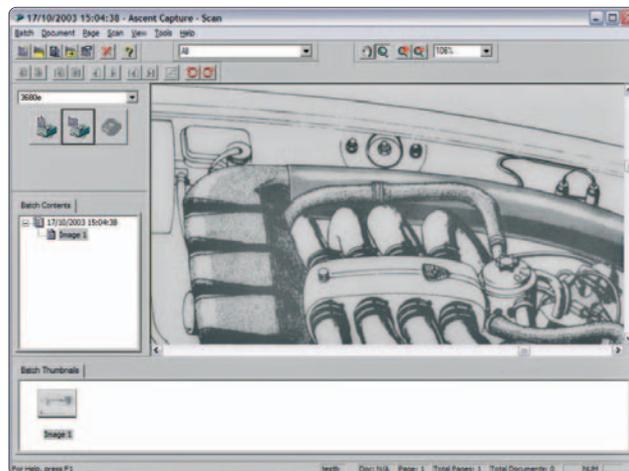
ISIS

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EMC Captiva produce a complete range of software tools to assist the EDM/EDC solution builders which they call their PixTool range.

These include:

Pix Tools, EZ, Pix Tools/Scan, Pix Tools/Image processing & Pix Tools/Distributed Imaging



Typical usage

The Colortrac ISIS[®] driver will typically be used with programs like KOFAX Ascent, QuickScan, KOFAX Virtual Rescan and others where ISIS[®] has been the preferred means of connecting and using small format hopper fed scanners in the electronic data capture market.

ISIS versus Twain

TWAIN does not have the reliability and consistency to be a successful option as an interface for the massive throughput and operator expectations of simplicity and speed that EDM and EDC applications demand.

Inconsistent compatibility of TWAIN drivers with applications and scanners from different manufacturers can cause behavioural problems.

ISIS[®] in contrast was originally designed for the production environment and is maintained by a single commercial entity ensuring much greater stability. TWAIN is being replaced by the Microsoft WIA (Windows Image Acquisition) architecture, a connection method that SmartLF also supports as standard.