



# Large Format Scanner and Solutions Buyer's Guide



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Purchasing the right large format scanning or multi-function solution does not have to be difficult. This guide is designed to help you understand which product is best for your specific needs, and why. Technical terminology and detailed product features are made clear and simple - so you can understand the real-world benefits and decide what is relevant when making your choice.

After reading this guide, please feel free to email us your questions and let us help you find the right scanner for your unique needs. marketing@contex.com

# Introduction:

What can you do with a wide format scanner?

Scanners are tools. And like any job, things are easier when you have the right tools. But what is the job? What are you going to use the scanner for? Who is going to use it? What will you do with the results? What are the current problems, challenges or issues you would like to overcome with a wide format scanner? Will the cost of buying a scanner be offset by added business, or making your office more efficient?

Through discussions with many of our customers around the world, Contex have identified four main scenarios:

#### **Productivity (Scan for archive)**

Companies are capturing more documents than ever before. Why? Creating a digital documents archive (not just the small stuff) ensures that you are never without your information in the future. Whether it's a big archiving project, or your day-to-day backup scan, having the right scanner and software means you'll save time and the cost of outsourcing your oversized scanning. If you already have an efficient workflow for your standard size documents, you'll need a large-format scanner that can adapt and fit easily – not slow you down.

#### **Copy and Print**

Do you already own a wide format printer? Adding a scanner provides capabilities that allow you to get the most out of both scanner and printer. If you're making copies for your customers, or for project collaboration, having a color-capable wide format scanner that works seamlessly with your printer (or printers) it is a must. When the job is larger, demands on the scanner are even greater to deliver fast scans to multiple printers – without wasting time connecting or adjusting.

#### **Convenience (Scan for use)**

In a collaborative work environment, a large format scanner can enable simple sharing of concepts, project proposal materials, document revisions, drawing changes etc. The ideal scanning solution works in your office environment – connecting to your network, workstations, and printers, and scanning to email and to shared file servers. So whether your team is local or remote, your information should never be tied-down.

#### **Flexibility**

Originals can be in all sizes and shapes. Sometime they simply can't fit or are too fragile to use in a traditional feed through scanner. When scanning books, textile, wood or original artwork you will need a solution that has high quality, ease of use and is extremely flexible. What if you could get a solution like this that also could scan up to A1/D-size document and have all the benefits for convenience?

It's great news that a wide format scanner can satisfy all of these needs. Maybe you even see further uses for a scanner in your office. *But which scanner or solution?* 

# **Understanding Your Choices:**

A scanner is not just a scanner

When it comes to large format scanners, the market is full of options: from small models to large, monochrome to color, simple to advanced features, low speed to high speed, scanners designed for ease of use and scanners engineered for high volume production use. All of these models and options exist for one good reason: Because there are many different use cases for your wide format solution.

Contex solutions are divided into five major groups to help you easily identify the solution that fits your requirements the best.



#### **Classic Scanning**

Contex has been a world leading manufacturer of wide format solution for many years. For the most part we provided solutions based on a scanner, software and a PC. This is what we refer to as "Classic scanning". Select the right scanner for your documents based on size, connectivity and quality requirements. Contex offers several options of scanning software or you can use software from one of our worldwide software partners who create solutions that expands the capabilities of our scanners.

#### **Productivity**

With the HD ScanStation Repro we have designed complete solutions to satisfy the most demanding creators of digital archives. Contex HD scanners are designed specifically for productivity by reducing scan time with fast scanners and scanning processes. Our scanners are widely used in production environments where users in multible shifts operate the scanner. ScanStation Repro is delivered with our award winning Nextimage REPRO software and a 17" touch screen for easy operations.

#### Convenience

For years Contex has been working towards the paperless society. We see that contents are shared digitally and that project collaboration is done in a larger geographically separated area. We also see that there is an increased complexity in how projects are running. More sub-contractors and several different companies need to work together. In these environments you often get originals on paper or you quickly sketch ideas and concepts. With a wide format scanner in the right configuration everybody in your project teams can create copies or share originals digitally instead of on paper. Our solutions for convenience all include the intuitive MFP2GO controller. You can copy and scan to email, FTP, network, or USB – directly from the simple touch-screen solution.

#### Single footprint

Often space is scarce and costly. Using single footprint solutions enables you to place a scanner over your wide format printer creating your custom copy and scanning solution. We call this MFP. Contex MFP solutions supports all major wide format manufactures and some solutions even all printers using their windows printer driver. An MFP solution should not add, but remove complexity - so don't just settle for a solution that meets your specification requirements but sacrifices ergonomics and usability. Why not look for a solution as easy to understand and operate as an office copy machine. You can create single footprint solutions based on our Repro (productivity) or MFP2GO (convenience) solutions.

#### Side-by-side



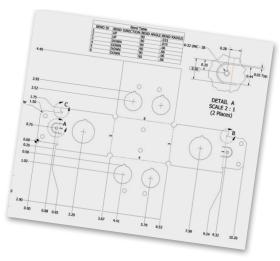
# Flexibility:

What kind of documents? What media? What condition?

#### **Document Types**

Many scanners are designed to handle very specific types of documents properly, while others offer higher degrees of flexibility and the ability to scan just about anything. Just like size, speed, or resolution – you have a choice in the versatility of your wide format scanner. You also need to consider how compatible your scanner will be with your existing equipment and workflow. A truly flexible scanner will have the ability to plug-n-play with what you already have. So what kind of documents are you planning to capture, share, or copy?

Technical drawings, including CAD plots, sketches, planning maps, or other documents with line information are the most common documents scanned, as most manufacturing, design, and construction plans are designed in large format. So logically, most wide format scanners can capture this type of content. But don't forget that the media type is also very important. Many old drawings are printed on anything from plain paper to linen to long-life materials like mylar. They are also commonly stored rolled, folded, or hanging to save space in the pre-digital age.





Since maps are also commonly somple, most wide format scanners can scan these documents very well. But the same rules apply as above – the media type and condition is very important. When scanning maps for data or feature extraction, the accuracy of the scanner is often critical as well. Some maps are also more photographic – with smooth color transitions and high color detail. As with technical line drawings, you may also have maps with very fine lines and text that require a higher quality scan to reproduce accurately.

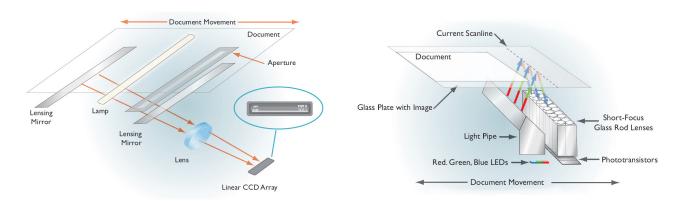
Photos, Artwork, and other graphics-based documents are often the most demanding of a scanner's flexibility as they cover a wider range of media types and usually require high levels of color accuracy to preserve the detail of the original. A flexible wide format scanner can handle very thick or very thin media while preserving correct colors and shading and capturing fine lines just as well.



Don't forget to consider your primary use for the scanner; If you need to serve customers that span across different industries, with different documents, you also need a more flexible solution to maintain the business, or expand your services. However, if your office is only scanning plain paper CAD plots with some color mark-up, then you don't need the added capability to "scan it all".

#### How can you tell if a scanner is more flexible?

Some features are obviously added for flexibility – like the capability to scan thick documents. But the most important feature that determines the level of flexibility is the imaging technology inside the scanner: The cameras, the lenses, and the lighting. There are two prevailing technologies existing: CCD (Charge-Coupled Device) and CIS (Contact Image Sensor). CCD scanners have a modular design inside. They have separate imaging electronics, lenses, and light sources (see Figure 3). CIS scanners have an integrated design with all of these combined into a single module (see Figure 4). This is why most CIS scanners are smaller on the outside as well. Typically, CCD-based scanners can produce higher quality scans on a wider range of documents compared to CIS scanners – depending on the quality of the components used.



[Figure 3]: In a CCD scanner, the quality of each component is very important - as each serves a different purpose in the system, but they must work perfectly together to produce the highest quality scans.

[Figure 4]: In a CIS scanner, the components are all built into one single module - integrated into a small package using space-saving technologies like LED lighting.

In general, when you need to scan a wide range of document types and varying condition/age documents, then you should look for a scanner based on CCD technology. If your needs are simpler - like maps or drawings in decent to good shape - then CIS technology may meet your expectations. When comparing, keep in mind that CCD scanners may be more capable, but that comes at a somewhat higher price as well - depending on the model.

# Performance and Productivity:

How many documents will you scan? How often?

Most scanner models differentiate primarily on speed. Usually in several steps from slow to fast, and logically, you pay more for higher speed. In most cases, this will be specified in "inches per second" or "ips." In a higher volume environment, if you want to avoid production bottlenecks, speed is critical. The more documents you have to scan, the faster the scanner needs to be. Or if your business depends on delivering finished scans to the customer – time is often limited.

However, this measurement (ips) is easily manipulated. It's easy to produce high numbers when scanning a small format document – as there is less data to capture and therefore scanning is faster. However, when scanning full-size documents the speed might only be 50%. This is why Contex scanner speeds are specified at full 36" wide documents.

Why? ...Because fast scanning requires fast data transfer to the PC. Even if a scanner can move the paper quickly, data transfer to the PC can be very slow – especially when scanning in color. In this case, you must wait for the PC to "catch up" before you can scan the next document. The result is slower scanning and lower productivity. A fast scanner is important, but the interface speed is critical to the scanning time and the true productivity of the system. These days, USB 2.0 is a minimum requirement as faster interfaces like Gigabit Ethernet can handle more than double the amount of data and enable scanner sharing.

Perhaps you do not need blazing speed. Sometimes "Productivity" means getting a single image, and then getting back to work. For users in an office or workgroup environment, scanning more than 5 documents in a day is rare. But they still don't want to spend even 5 minutes in front of a scanner!

So in addition to the performance of the scanner, there are other factors that contributs to productivity which is equally important to get the most out of the solution for any user:

Paper Handling: How long does it take to load paper correctly, or to unload?

The scanner design can assist the user in several ways. It should be easy to load paper precisely the first time, then scan quickly (without stopping), and then retrieving your document. If you scan many of the same type of documents (we call it batch-scanning), you should be able to load the next page as soon as the first is scanned, without waiting.

**Software:** Is it easy to scan, adjust, and save files? How long does it take to get what you want? The more automation in the software, the faster you can complete the scan and move on to the next document. Auto-sizing, auto clean-up, auto enhance, etc., can help get the job done faster. In addition, the software should be simple and straight forward, without sacrificing features you need to handle difficult documents.

# Ease-of-Use:

How long to setup? Training required? Does it fit in my workflow?

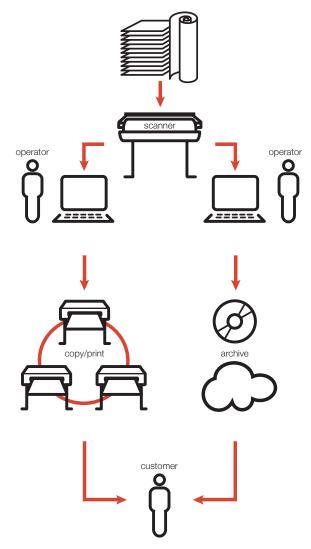
No matter how you define productivity for your business, it is highly dependent upon how simple the scanning solution is to operate - the ease-of-use. From the setup and installation, to the daily operation of the system - a wide format scanner should fit smoothly into your existing workflow, without disrupting efficiency. **Easier = Faster.** 

Very often, the importance of ease-of-use is related to the number of operators using the scanner. Normally there are two scenarios:

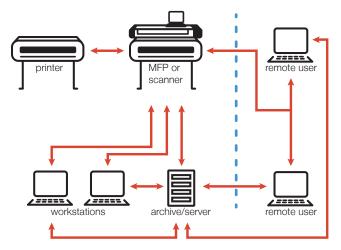
- When you have one or two skilled operators in a production environment – like a busy copy shop – how quickly will he/she adapt to the scanner and software controls. Are fine image adjustments easy to locate and use?
   See Figure 1
- 2. When the scanner is in a central, shared space – like a typical office copier – how quickly will users be able to walk up, feed, scan, and walk away with a good scan? See Figure 2

The simpler it is to approach and use the scanner, the more likely the scanner will be used – especially in a shared workgroup environment. Your business doesn't have time to train staff on how to use the equipment – and you should not have to.

Ease-of-use should also mean fewer calls to the helpdesk, and less strain on your IT resources for solving technical problems. The solution must have simple operation, an intuitive user interface, and push-button-simple design.



[Figure 1]: The illustration above shows a typical production scan and copy workflow, with higher volume of scans, and with a few trained operators.



[Figure 2]: The illustration above shows a typical networked office environment, with shared equipment and several workstations with access to the scanner and printers.

# Image Quality:

What is "Good Enough", and what is Best?

No matter the usage, purchasers will tell you the most important of a wide format scanner is its image quality. Nobody wants to sacrifice image quality. The problem is, image quality means different things to different people – but it usually depends on the documents you need to scan. An engineer wants perfectly scanned fine lines, and accurate scaling. A graphic artist wants high resolution and flawless color detail. A copy shop owner wants sellable copies and prints that keep their customer happy. Different needs and expectations = Different scanners.

More than any other criteria, image quality is difficult to evaluate from any brochure. But there are a few features that are important to note:

**Optical Resolution:** In large format, this usually ranges from 600 to 1200 dots per inch (dpi). This represents the physical capability of the scanner to view image details and is related to both the imaging technology, and the quality of the components used in that technology. This specification is often the first number that buyers use to compare scanners' image quality capabilities. But just like MegaPixels on a digital camera, a higher dpi does not automatically mean better images.

Higher resolution scans also produce larger file sizes, but as the cost of storage space decreases, and as wide format printer resolutions continue to increase, your needs for higher scanning resolution may also increase. But once again, it is also important to note that optical resolution requirements will depend primarily on your documents and how you plan to use the scanned image.

**Optics:** Like photography, scanned image quality depends heavily on lens quality. Using lenses that are not specifically designed for the scanning resolution will cause various problems, from uneven sharpness to chromatic errors and color fringing (black lines show up in color).

**Color bit depth:** This specification describes the range of colors a scanner can capture or process into image files. Some color scanners can capture 24-bit color, while others can capture up to 48 bits. Most CCD-based scanners can capture 48-bit image data. But be careful – capture does not mean use. The best color scanners can both capture, process and deliver 48-bit color image data for maximum precision and vibrant, accurate color.

**Light source:** CIS-based scanners use pulsating red, green, and blue LED lights to capture images – overlaying the three layers to get one combined color image. Some CCD scanners also use "white" LED lamps due to their long life characteristics. This works very well for some documents, but LED lights have some weaknesses. While bright, it is very difficult to focus their light properly – leaving uneven light across wide scanners unless carefully controlled.

**Accuracy:** When reporting a scanner's geometric accuracy, the industry standard is 0.1% (99.9% accurate) plus/minus one pixel. As there is no standard for measuring this accuracy (usually just left to right and top to bottom edges), true accuracy is not always indicated in this number. True accuracy exists only when this measurement applies to the error between any two points in the document, not just between the two outer-most edges.

# Reliability:

What is the cost to operate? What is the cost when it stops operating?!

A wide format scanner is a rare investment for most companies. So here is another criteria where everyone agrees – Everyone needs reliable equipment. But scanners are tested to different levels of durability and service life. Back to our earlier comparison: the office with 5 documents to scan per day, and the busy copy shop with hundreds. Naturally, they have different needs, but the same expectation – a scanner that just works.

The amount of scanning you will do should weigh into your decision in this case, and like most of the other criterias above, you pay more to get more. Like anything manufactured today – the scanner is the sum of its parts. **Better components = Greater reliability.** The lowest price option is not always the smartest option as cost-cutting on components often leads to shorter duty cycles.

While all large format scanners will need regular maintenance, customers often cannot afford to stop work for extended periods, waiting for calibration or repair. So the best scanner is the one that needs the least time performing routine maintenance, and offers the best warranty and service for getting you up and running again, as fast as possible.

Scanners do have some parts to change now and then, but in those cases – make sure you have a scanner you can maintain yourself, to avoid service calls when possible. For example, changing the glass plate on a scanner should take no tools and less than 2 minutes.

Finally, there are many products sold around the world which do not meet modern safety standards, which are frequently updated. Make sure that the scanner you choose is approved for safe use in your region and meets your office's requirements for energy savings as well. Well known marks such as "UL-Approved" and "Energy Star" ensures that your scanner is safe and has a minimal impact on your energy consumption.

# **Contex Solutions:**

Designed in Detail to Meet Your Needs

With more than 20 years of experience in wide format imaging, Contex has the largest installed customer base and the quality product lineup that can only come from understanding those customers and their needs. No matter what you plan to do with the scanner, or which criteria in this guide is most important to you, we have a solution with that definately suits your needs.

## **HD** ULTRA

The latest generation in Contex' long history of top-quality CCD-based scanners has more new enhancements than any scanner ever made. We studied our customers needs and responded with a scanner that pushes large format scanners to new levels of **Productivity, Flexibility, and Image Quality**, while maintaining Contex' strong reputation as the most reliable scanner money can buy. And with a wide variety of different models available, there's an HD Ultra scanner that suits your business - no matter what you need:



#### **Productivity/Performance:**

For mid/high-demand production business, or for time-sensitive projects that require no-compromise performance, the **HD Ultra** range combines the highest performance available in wide format with the most advanced imaging technology you can buy. With a fast Gigabit Ethernet interface, the HD Ultra scanners are the fastest scanner on the market, with the ability to scan over 460 A0/E-size pages per hour in color. Fast data transfer helps, but the scanner load/unload time is also minimized. Also for those in a shared workgroup environment, or for smaller office projects that demand close collaboration, the HD Ultra series also includes **HD Ultra** models, with all the other features you need, but without the ultra high speed you may not need.

#### Ease-of-Use:

Productivity also comes from **Ease-of-Use**, simple design, and easy software. To meet this need, the HD Ultra scanners are designed with several new features and innovations that makes scanning more intuitive - without training - for anyone...



One-Touch buttons are customized to your software settings. Send a scan to any network PC with one press.



SnapSize: auto size detecting paper sensors means less software adjusting, more scanning.



Paper Return Guides - returns your documents as you scan. No rewinding necessary.

#### Flexibility:

Based on high-quality CCD technology, the HD Ultra series can handle just about any type of document. And with the **highest resolution and speed** available in a wide format scanner, that might have been enough improvement for some buyers, but we went further and built in **intelligent paper handling** features that makes the HD Ultra scanner the easiest scanner to feed and scan - no matter what media you scan. Maximum Flexibility - so you can handle any document with just one scanner:



Paper Pressure switch - adjusts paper pressure to handle normal to very thin media, including newspaper.



Funnel-shaped feed handles torn and wrinkled documents with ease.



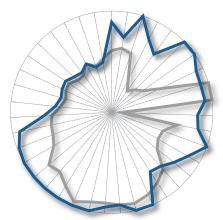
ATAC: automatically adjusts to scan thick documents, with the press of a button.

Flexibility to handle all your documents, and the **versatility** to quickly adapt to changes - including changes to your needs: The HD Ultra series also has the capability to electronically and instantly upgrade the scanners' main features. You can upgrade scan width and speed - all with a simple electronic license key.

#### **Image Quality:**

All CCD-based scanners are not equal. For this type of scanner, the quality of the components is critical. The HD Ultra series uses only high-quality full-sized camera lenses - custom made by Fujifilm for Contex. The light source is custom fluorescent with a high Color Rendering Index (CRI > 95) to produce the most accurate colors possible. The CCD itself is high resolution and capable of capturing 48-bit color, but Contex scanners have the unique ability to process the entire 48-bit color data - resulting in the most accurate color images you can get from a scanner today. We call it **AccuColor.** Finally, when scanning drawings and maps, a scanner must preserve the correct scaling of the document. Contex Accuracy Lens Enhancement (ALE) technology, keeps point-to-point measurements 99.9% accurate anywhere on the document - not just the ends of the page.

#### Colors at different wave length



- Contex Natural Light (CNL)
- Typical White LED



Based on high-quality CCD technology, the HD iFLEX scanner can handle just about any type of document. It give you **Maximum Flexibility** - so you can handle any document with just one scanner:



#### **Creativity and productivity**

The large flatbed surface, fast scanning speeds and ultra-flexible design makes the Contex HD iFLEX

the perfect solution for the demanding user. Protect **fragile originals** by placing them gently on the scanner bed or utilize the flexibility to scan books, textile, wood, original artwork or anything you would like to transform into digital content. The HD iFLEX is the most flexible A2/C-size flatbed in the market and can even scan up to A1/D-size documents.

#### Flexible design means endless opportunities

Combine materials like never before. You can place anything on the scanner bed and let the HD iFLEX do the scanning. The HD iFLEX supports scanning **any shape or size** and can be used to scan original artwork, create product catalogs or make digital archives of your most fragile originals.



#### Up to A1/D-size originals

A simple guide in Nextimage will help scanning documents twice the size of the scan bed. Simply place the documents and follow the guide. This truly makes the HD iFLEX an **A1 scanner** in an A2 size.



When you are working with maps and technical drawings and you need a scanner that doesn't compromise on quality, the IQ series scanners may be the more affordable choice that meets your needs. Designed to provide sharp, clear images on your most detailed documents, these scanners are simple to install, simple to use, even simple to transport. And with two different sizes and several different models to choose from, you can be sure you don't have to pay for features you will not use.



#### **Image Quality:**

When scanning maps and drawings, precision often means capturing very fine lines and text. The IQ series have customer CIS modules with **Dual Diffusion** that ensures the most natural light and best image reproduction in any CIS scanner. IQ scanners have **1200dpi** optical resolution - capable of capturing even the smallest of details in these documents.



#### Ease-of-Use:

As the HD Ultra series, the IQ and SD scanners improves productivity and minimizes user interaction by making the scanner and software very easy to use. From the moment you



open the box, a Contex scanner comes with simple instructions to get you operational in no time. In addition to a smooth paper feed, the scanners are fed with the documents face-up - so you can see what you are scanning very clearly. The Nextimage software has a simple, yet powerful user interface, with settings combined into quick-configure "presets" in the software - so your most common scan settings are no more than a click away. In addition, these presets can be assigned to the scanners keypad One-Touch buttons - so you can walk up, feed your document, press a button, and send your scan to your PC, to an email application, or to a file server on your network.

#### Flexibility:

Based on CIS technology, the IQ and SD series scanners are designed to provide the best scanning results on maps and drawings, but could also satisfy your needs to scan basic office graphics, design sketches, or CAD renderings. For more flexibility with scanning thick documents, or media in poor condition, you should consider the HD Ultra series scanners - designed to handle these and other difficult documents. With models raging from the 24-inch IQ 2490, to the 44-inch IQ 4490, the IQ range covers a wide range of scan width requirements as well as speed and resolution needs. The IQ scanner models have versatility to adapt to your changing needs, with the capability to electronically and instantly upgrade the scanners' main feature. You can upgrade speed with a simple electronic license key.



#### Make the most of your originals

Scan, copy or collaborate in a snap with the latest edition of the award winning Nextimage multi-function wide format software. Nextimage is designed to bring out every detail in your originals while protecting them for future use.



With the new SnapScan feature you scan, enhance and save your originals in a single flow. No rescanning needed. It is the perfect link between your scanner, digital storage, existing applications, and your printers.

Intuitive and powerful, Nextimage makes your workflow more productive and more connected than ever before. Let it improve your image today.

#### **Image Enhancement**

Nextimage software delivers a complete set of tools to ensure image quality for both archival and printing. Never before has it been so easy to get professional results - with minimal adjustment.

#### SnapScan: Scan - Enhance - Save

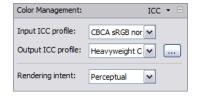
With the new SnapScan feature you scan, enhance and save your originals in a single flow. No rescanning needed. It is the perfect link between your scanner, digital storage, existing applications, and your printers. SnapScan makes scanning faster while protecting your fragile originals by allowing the operator full control over image adjustments without having to rescan.

#### **Auto-generated 8-bit color palette**

lets you automatically generate a palette from the existing 24bit scan.



#### **ICC Color Management**



Nextimage supports ICC/ICM profiles. It can embed ICC profiles in scanned files, whether it is JPG, JPEG 2000

or TIFF, preserving colors when files are loaded into other applications.

You can also use ICC/ICM profiles to manage colors when making copies with Nextimage.

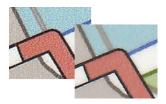
#### **Closed Loop Calibration (CLC)**

Nextimage comes with built-in closed loop calibration for managing colors when making copies. The CLC wizard helcreates a media profile that is optimized for the individual



media in the printer.

#### **Intelligent Sharpen/Smoothing Filters**



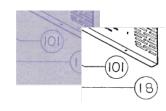
Nextimage is loaded with new image processing options.
One of these is the smart new Smoothen filter that intelligently removes pattern noise without blurring the

edges in the original. Combine it with the sharpen algorithm to get razor sharp results with smooth noiseless colors.

#### **New Adaptive Thresholding Algorithm**

Nextimage also comes with a newly developed B&W algorithm that combines background cleaning and

preservation of grayscales in one mode. Use it for both clean new originals and for low contrast blueprints.

















#### Make every scan personal

Any PageDrop enabled Contex scanner can send documents directly to your preferred destinations. PageDrop does not require a PC. Instead it simply utilizes your smart phone or tablet to control the process. Load the document, scan the QR code, and send the document directly to your desired destination.

#### Get images where you need them

Your PageDrop enabled Contex scanner is the first wide format scanner that truly works for you. The only choice you have to make, is where you need the documents - PageDrop handles the rest. PageDrop can deliver images by e-mail, directly into your DropBox and print to any of your HP ePrint enabled printers.

#### PageDrop is a Web App

As a Web App PageDrop is supported on any smartphone or tablet with a QR reader and a browser. PageDrop can be added in your iOS device (iPhone, iPad etc.) as a web App. Once you have scanned the QR code simply select "Add to home screen" in your iOS browser to create the Web App icon. Now you can bring up PageDrop directly from you iOS device whenever you need a scan. On your Android device the same is possible. Simply add the webpage to your favourites. From there you can add them to your start menu.

#### **Contex Reliability: All Products**

Scanners designed to capture up to 2 million pages are not easy to develop. It takes experience, innovation, and close attention to build quality to continuously develop our reputation of top quality and reliability in large format imaging. Ask around, and you'll get the same answer - Contex scanners are built to last.

A hardware product is only as reliable as its parts. Using only the best quality components means the quality is maintained, even under extremely heavy use. The scanners are also designed for minimal service cost. What few parts are needed to replace, can be done without any calls for service - requiring no tools, and taking only a minute or two to get back up and running.

Certified safe and reliable to operate through various regional and worldwide safety standards, all Contex scanners are also Energy Star compliant, using almost no energy when not in use (less than 3W).



Contex scanners also come with the best warranty in the industry - and the service and support organization to back it up. If you need even more peace of mind, we offer extended warranties on our products as well, and convenient customer care-kits that include common consumable parts.

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#### Where to Buy:

Contex products are available all over the world through a well-trained network of distributors and resellers who are there to answer your questions. Please visit our website www.contex.com to find a Contex partner near you.

Contex also has regional offices in the following locations to help direct you in your search for more product information or other general assistance with Contex products:



Contact us 866-254-8590

www.tavco.net

