

## Maestro Server OCR

### What is Maestro Server OCR?

Foxit Maestro Server OCR converts paper and scanned documents into searchable PDF files. Engineered for automated, high-volume document scanning & OCR needs, Maestro replaces manual document processes with fast, cost-efficient operations.

Maestro automates the OCR process by converting any document as it enters a watched folder according to configurable settings chosen by the user. Beyond OCR automation, Maestro incorporates unlimited multi-threading and batch OCR to accommodate high-volume scanning, up to billions of pages per year to make Maestro a robust enterprise OCR software solution.

Maestro is designed for high OCR accuracy, speed, and simplicity. The software delivers highly accurate text recognition rates by utilizing in-house PDF expertise as well as a proprietary voting OCR engine. Further, Maestro can process up to 6,000 pages per hour per core (on average) to handle the highest volume environments while accelerating business processes and improving labor productivity. It is a flexible OCR solution which integrates easily into existing document imaging workflows while providing multiple workflow accessibility, allowing users to perform many image processing functions beyond OCR.

### Server OCR Use Cases

- ▶ **Convert Scanned Documents to Searchable PDF**
  - ▶ Generate searchable PDF assets from paper and image documents from a scanner, fax, or MFP that can be utilized more effectively in your systems and workflows.
- ▶ **Enable Insights and Automation**
  - ▶ Maestro provides high OCR accuracy to reduce errors and automatically create great data to feed into your RPA, document indexing, and big data analytics systems.
- ▶ **Improve Employee Productivity with Faster Information Search**
  - ▶ Replace costly, manual information hunting with simple, instant keyword search using Optical Character Recognition software.
- ▶ **Enable Compliance with Regulatory Submission Requirements**
  - ▶ Regulated environments often require full text-searchable PDF submission, such as when applying for NDAs to the FDA in the life sciences space.
- ▶ **Create More Accessible Documents**
  - ▶ Screen readers and other assistive technologies require text layer data to function properly. Create more accessible documents with automated OCR.
- ▶ **Optimize Document Archiving and Mitigate Legal Exposure**
  - ▶ Comply with records retention requirements by converting TIFFs, JPGs, BMPs, and paper to digital, ISO-certified PDF/A documents.

### Maestro Server OCR Software Features

#### Image Processing

Maestro Server OCR also offers advanced image processing capabilities. With Maestro, images can be de-skewed & de-speckled for enhanced document quality. Maestro also supports IP features including auto-rotation, auto color inversion, auto-cropping, and color re-sampling. Maestro's robust image processing functionality provides enhanced image quality prior to processing with highly accurate OCR.

#### Advanced Digital Document Handling

Maestro Server OCR includes extensive features to suit any document processing needs, such as comprehensive barcode recognition and input file filtering. Maestro also offers extensive options for embedding bookmarks, metadata and annotations, as well as postprocessing hooks for scripts.

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## Advanced PDF Control

Maestro Server OCR provides superior PDF control including: PDF linearization, advanced security, PDF/A compliance, metadata insertion, PDF display control, Bates stamping, and headers & footers. Maestro can output a linearized PDF for fast web view, allowing users to view a specified page within the PDF immediately while the rest of the document loads in the background. Maestro also provides advanced security functionality, including options for edit-protection, print-protection, and read-protection. With Maestro, users can reliably archive their documents with PDF/A compliance.

## OCR Software for Highly Efficient Document Scanning, Storage and Retrieval

Enterprises, government agencies, and growing organizations utilize Maestro Server OCR to reliably and efficiently convert their scanned paper and image documents to text searchable PDF files. Maestro combines image pre-processing and a proprietary voting OCR engine to deliver high text recognition accuracy out of the box, substantially reducing errors compared to manual document processing from human error.

In addition, the OCR software utilizes automation and multiple high-volume processing capabilities to streamline document scanning, storage, and archiving workflows even at an enterprise scale. Faster OCR pushes documents through business processes faster, facilitating shorter response times to customers, better CSAT, and places your organization in a better position to generate new revenue as a result.

## Advanced Auto-Tagging

Maestro Server OCR can automatically create tagged PDF files from both structured, electronic files and unstructured, scanned documents. Scanned documents are particularly difficult to tag, but through OCR technology they can be made accessible. Maestro's auto-tagging feature enables users to reduce time spent manually tagging documents and

work towards ADA and Section 508 compliance.

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## OCR Accuracy, Reliability in Maestro Server OCR

Highly accurate OCR can replace hours spent manually searching for critical information with a simple, instant keyword search. The OCR engine within Maestro is one of the most accurate OCR products available. Maestro's OCR recognizes difficult text often missed by competing products, including text within low resolution captured documents, documents containing multi-directional text, and documents containing low-contrast color text.

More accurate OCR results translate into greater efficiency in indexing, searching for, and working with scanned documents. It also enables more accurate data extraction, data mining for big data applications, and more efficient employees. With Maestro, users are able to instantly locate a single word within a multi-page document that may contain 1 or 1,000 pages; this is analogous to finding the needle in a haystack.

## Automated Document Processing

In addition to API modes, Maestro Server OCR holds a permanently stored list of independent jobs which can run in parallel. Maestro can also be run as an unattended Windows service. The software automatically processes files with OCR and drops them off in the correct folders, significantly reducing the level of manual labour required.

## OCR Software Feature Summary

- ▶ **Watch Folders:** Automate OCR processes. Watched folders enable users to leave the OCR process unattended; files are made text-searchable simply by being dropped into a folder.
- ▶ **OCR Accuracy:** Maestro is able to locate difficult text often missed by competing products. More accurate OCR results produce more efficient employees and better document storage, access, and management.
- ▶ **Fast OCR:** Process close to 6,000 pages per hour per core.
- ▶ **Batch OCR and Multi-Threading on Unlimited Cores:** Maestro is designed for high volume, enterprise level processing of thousands up to billions of pages per year. CRM like Salesforce.
- ▶ **Convert Multiple Formats:** Supports the conversion of PDF, TXT, RTF, JPG, TIFF and more into fully text searchable PDF files.
- ▶ **Error Monitoring Module:** When processing errors occur, the system can automatically retry the job, and produce an error log at the end of the batch.
- ▶ **Maestro supports 118 languages,** including Simplified and Traditional Chinese OCR, Japanese OCR, Korean, and Arabic.
- ▶ **Robust OCR functionality** including confidence controls.
- ▶ **Extensive support** for creating PDF/A compliant output.

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