Axis AI is an industry-leading data extraction solution for unstructured documents that helps organizations save time and money and speed decision making.

Organizations worldwide spend an estimated $50 billion annually capturing business information by hand-keying unstructured data.[1]

There's a wide range of solutions available today for automatically extracting data from structured and semi-structured content and documents, such as databases, websites, or paper-based forms—all of which can be easily read by machines using templates or sets of predefined or custom rules. However, some businesses—such as real estate, healthcare, energy, and others—still rely heavily on unstructured documents. These are inconsistent in layout or form, or contain key information in English-language sentences, paragraphs, or randomly throughout the documents, making them virtually impossible for machines to understand.

Extracting unstructured data from documents like deeds, property descriptions, health care forms, legal contracts, and conveyance transactions is a costly and time-consuming process, especially when a company relies on hundreds of thousands—or even millions—of these documents to do business. It's a labor-intensive activity that is expensive, slow, and prone to errors that adversely affect business processes and customer service.

AXIS AI: A SUPERIOR SOLUTION FOR DATA EXTRACTION

Axis AI offers a far better choice with a revolutionary solution for extracting information from unstructured content. Using proprietary algorithms, including those used to perform Natural Language Processing (NLP), Axis AI reads and extracts data from sentences, paragraphs, or entire pages written in natural English. The result is unparalleled data extraction results that minimize or eliminate time-consuming and expensive manual re-keying processes—and far exceed the results obtained from competing systems, which are typically complex, cost-prohibitive, and ineffective.

[1]*Harvey Spencer Associates, The 2013-14 Worldwide Market for Document Capture Software.*

HOW IT WORKS

Axis AI is a hosted solution that is fast to set up and easy to use, providing an intuitive interface that can be understood by non-technical users with only minimal training. The solution involves three steps:

1. **Pre-processing.** Paper documents are scanned, and the resulting digital files such as PDFs or TIFs are converted into searchable electronic documents using optical character recognition (OCR) technology.

2. **Data extraction.** Users highlight relevant portions of digitized documents to "train" the Axis AI extraction engine on what to look for in batches of documents. Test runs help assess the accuracy of the data extraction. A first pass by the Axis AI engine typically produces a high level of accuracy; subsequent passes can be conducted until the company is satisfied with the quality and accuracy of the data extraction.

3. **Exportable results.** After data is extracted, it can be delivered directly or indirectly, in a variety of formats, to fit the needs and specific business applications used by an organization, such as comma delimited, Excel, SQL, Oracle, and XML files.

A title company operating in dozens of Texas counties turned to Axis AI to extract data from millions of pages of unstructured documents, turning it into accurate and easily searchable information.

POWERFUL BUSINESS BENEFITS

With Axis AI, organizations have a superior alternative to manual re-keying or the costly and ineffective results of other unstructured data extraction solutions. That's because:

Axis AI works. Axis AI's sophisticated algorithms and use of NLP deliver high-quality results that are unmatched by any other solution on the market.

Axis AI is fast. Companies using Axis AI see their data extraction times for massive volumes of documents go from days to a single day or even a few hours, dramatically streamlining business processes, decision making, and improving SLAs and customer service.

Axis AI slashes costs. While individual results will vary, companies using Axis AI can dramatically cut their data extraction costs while simultaneously improving throughput and productivity. This may entail a reduction in staff, or the use of Axis AI to exponentially increase their data extraction throughout using the same staffing levels.

In a comparison study by a land development company, the business took three months to set up and extract data from a semi-structured document set. Using Axis AI, it accomplished the same task in a few hours.

Axis AI integrates seamlessly into the enterprise. As a hosted solution, Axis AI minimizes the need for additional IT administration and hardware resources. Non-technical employees can begin using it quickly following just a brief training period. The solution integrates with a wide range of enterprise operating systems and software such as Windows, Linux, ERP, ECM, SharePoint, and custom line-of-business applications. It's also a highly scalable solution that's capable of routinely processing millions of documents.

Axis AI customers also benefit from the expertise of Axis consultants. We know our customers' industries and work closely with business stakeholders to understand their needs, plan for implementation, and configure workflows that are optimized for specific business requirements.

FOR MORE INFORMATION

To learn more about Axis AI or to schedule a demonstration, visit **www.axistechnical.com** or call **(888) 491-2636.**

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Axis Technical Group is a trusted business IT advisor to leading companies in the mortgage, title, healthcare, oil and gas, and financial services industries, and provides the industry-leading Axis AI solution for advanced data extraction. The global Axis team provides the sophisticated skills and resources of a global consulting firm with a personal, solution-oriented approach. It's not just about the technology – it's what it can do for your business. Visit us at **www.axistechnical.com** or contact us at Info@axistechnical.com.