- *Increase efficiency*
- *Improve performance*
- *Adapt and scale faster to change*
- *Expand automation*
- *Gain accuracy*

Axis Smart Data Extraction™

Real Estate and Title Insurance Industries

The industry-leading solution that accelerates and streamlines the extraction of data from complex, unstructured documents in the Real Estate and Title Insurance industries.

UNSTRUCTURED CONTENT HAS MANY CHALLENGES

Many solutions exist that can extract data from structured and semi-structured content and documents, such as databases, websites, or paper-based forms. These solutions provide data that can then be read by machines using templates or sets of pre-defined or custom rules. However, some businesses such as Real Estate and Title Insurance companies still rely heavily on complex unstructured documents. These documents are inconsistent in layout or form. They also contain key information in English-language sentences, paragraphs, or in random locations that make them virtually impossible for machines to understand.

Classifying and extracting unstructured data from documents like deeds, property descriptions, applications, 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.

A SOLUTION YEARS IN THE MAKING

Axis Technical Group has served the Real Estate and Title industries for nearly two decades. During this time the Axis team has developed extensive knowledge and understanding of how to convert unstructured data quickly and accurately into actionable intelligence that can drive smart, automated processes.

Axis Smart Data Extraction was launched as a managed service to effectively scale this ability to Real Estate and Title Insurance companies. Using proprietary algorithms and Artificial Intelligence, including the use of Natural Language Processing (NLP) and Optical Character Recognition (OCR), this solution reads and extracts data from sentences, paragraphs, or entire pages written in natural English. The result is an unparalleled performance that minimizes or eliminates time-consuming and expensive manual re-keying processes

HOW DOES SMART DATA EXTRACTION WORK?

Smart Data Extraction is the culmination of building sophisticated algorithms, Natural Language Processing (NLP), and Artificial Intelligence to "learn" where key data is located on each of the common documents used in the Real Estate and Title Insurance industries. This knowledge base was built over years to become the industry's most extensive collection of industry documents in use today. What results is access to the ability to deliver high-quality results unmatched by any other solution provider in the market.

Achieve 95 percent data extraction accuracy for of up to a million documents a week with actionable results in 4 hours.

SMART DATA EXTRACTION IS FAST

Clients using Axis Smart Data Extraction can see their data extraction times for 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 SMART DATA EXTRACTION SLASHES COSTS

While individual results will vary, companies using Axis Smart Data Extraction can dramatically reduce data extraction costs while simultaneously improving throughput and productivity. This performance improvement provides new opportunities to redeploy staff or to exponentially increase data extraction throughout with the same staffing levels.

SEAMLESS INTEGRATION TO POWER THE SMART ENTERPRISE

As a hosted solution, Axis Smart Data Extraction 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.

Implementing this solution takes three steps:

1. **PREPROCESSING**

   Paper documents are first scanned. The resulting digital files such as PDFs or TIFFs are converted into searchable electronic documents using optical character recognition (OCR) technology.

2. **DOCUMENT CLASSIFICATION & DATA EXTRACTION**

   Users highlight relevant portions of digitized documents to "train" the solution on what to look for in batches of documents. Test runs help assess the accuracy of the classification and data extraction. The first pass produces a high level of accuracy; subsequent passes are optimized to meet final quality and accuracy metrics.

3. **EXPORTABLE RESULTS**

   After the documents are classified and the data is extracted, the intelligence 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.

DELIVERED AS A MANAGED SERVICE

Axis Smart Data Extraction was developed to operate as a seamless extension to your existing intelligent process automation strategy. By implementing technology solutions that can learn your business and enable future continuous process improvement, it is possible to build a more resilient infrastructure. New business opportunities can be better leveraged while unexpected slowdowns can be better navigated.

Smart Data Extraction can be implemented today for a cost that is less than 10 percent of what the cost would have been just three years ago. And, it can be set up and operational in a matter of weeks, not months. A leapfrog in productivity is now possible that is too strong to ignore. Arrange to speak with an Axis Technical Group representative to learn more about what can be done and how quickly a Return on Investment is possible.

INDUSTRY EXPERIENCE

- Real Estate & Title
- Financial Services
- Healthcare & Dentistry
- Energy
- Utilities

ABOUT AXIS TECHNICAL GROUP

Axis Technical Group (ATG) is an IT solutions provider that helps clients align their path to growth. ATG solutions elevate business performance by streamlining processes, improving systems performance, and distributing business intelligence quickly and cost-effectively. ATG has earned a reputation as a trusted advisor by delivering solutions that exceed their client's expectations. Our team of software developers, business consultants, and technical experts have deep industry knowledge, systems experience, and technical expertise to get the job done right, the first time.

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