



National Assembly of Ecuador Manages Its Documents with ABBYY Recognition Server

Customer Overview



Name

National Assembly of Ecuador

Location

Quito, Ecuador

Industry

Government

Web

asambleanacional.gov.ec

Challenge

Design a system for creating and indexing searchable archives of law and administrative documents.

Solution

ABBYY Recognition Server

Results

- Significantly less time spent on document processing;
- Only 7 operators involved in the project.

The National Assembly (Asamblea Nacional del Ecuador) is the legislative branch of the government of Ecuador, responsible for passing laws. In its daily work the Assembly generates a huge number of documents — some of them for legislative procedures, others part of administrative work.

Challenge

Most documents are registered by the General Secretariat, namely the Document Management Unit. Paper documents are scanned to PDF files and uploaded into the System of Procedures Management DTS. Previously these documents were indexed manually on desktop applications before being uploaded into DTS. The indexation allowed classification and searching of the documents within the system; however, manual processing took up too much time, thus further delaying all crucial lawmaking processes.

Within the framework of apparatus optimization strategy, Provision № 125398, issued by the President of the National Assembly, resolved that the documents were to be scanned to PDF and processed with optical character recognition technology, which allowed indexing, search, text mining and other benefits.

Specializing in optimization and document management software solutions, Intelis Ecuador is a licensed and certified representative of the world leader in document recognition and data capture technologies — ABBYY. So when the National Assembly addressed the system integrator for a solution, the answer was obvious — ABBYY Recognition Server.

Solution

Thanks to being server-based and thus highly scalable, ABBYY OCR solution has not only resolved the problem of processing huge volumes of papers, but has also provided centralized availability of the OCR service for the whole apparatus.

The special Hot Folder feature allows ABBYY Recognition Server to automatically import scans from e-mail and FTP folders. Thus law proposals and various other documents enter the system, where they are separated by key words and sorted.

After recognition and verification the documents are transferred to the indexing station, where document types and attributes are specified. For some of the documents, type detection and indexing are done automatically, based on their structure and content. For others, the “rubber-band” indexing feature has made the process fast and efficient: instead

ABBYY Partner



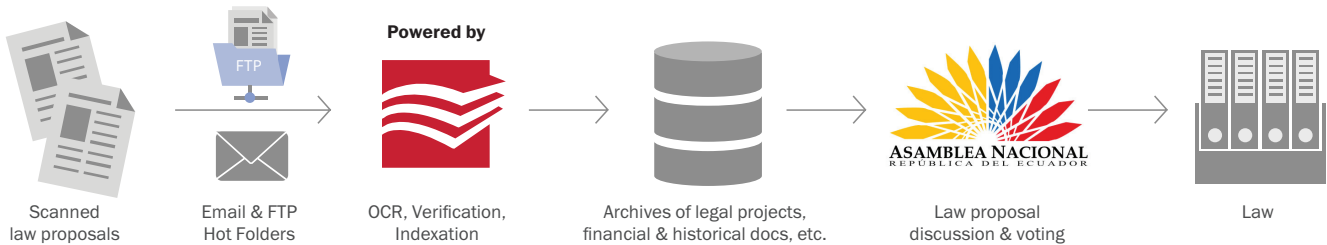
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of typing in the text, an operator simply outlines the necessary areas on the page, and the attribute fields are filled in automatically.

Results

The daily document scanning and processing workflow (which includes law proposals, administrative documents, financial papers etc.) amounts up to about 6,000 pages. By eliminating user involvement in the conversion process and connecting several processing stations to the server, the National Assembly's apparatus has significantly reduced the time spent on document processing.

Moreover, searchable PDF files created by the program comply with the Assembly's standard for long-term digital document archiving and fast access to the information.



There are only 7 operators managing the whole process: 3 for scanning papers, 1 for verification and quality control and 3 for document indexing. The complete solution has been integrated into the existing working environment: for instance, some workstations are set up for round-the-clock operation, and others for night-time OCR processing, while in the daytime these workstations were used to perform the usual office tasks.

Thanks to all the above-mentioned options the National Assembly of Ecuador has not only improved its efficiency in fulfilling primary tasks, but has also reduced the cost of daily paper processing.

About ABBYY

ABBYY is a leading global provider of technologies and solutions that help businesses effectively action information.

ABBYY 3A

Asia, Baltic, Middle East, South America, Africa
P.O. Box #32, Moscow, 127273, Russia
Phone: +7 (495) 783 3700
Fax: +7 (495) 783 2663
sales_3a@abbyy.com



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