Sopytec Employs Dynamsoft Image Capture SDK in its DigiPaper Document Management Application Ideal for HR Workflows

INDUSTRY
Human Resources

ABOUT THE COMPANY
Sopytec Ltda is a company in Chile providing software development, robotics, and industrial automation solutions. Founded in 2002, one of the company's solutions is DigiPaper, a browser-based document management application. The application is targeted at the human resources market for organizations with large staffs and their related employee paperwork. However, it is easily adaptable and adopted by other markets in need of advanced document management.

http://www.digitaldoc.cl/

BUILDING A GOOD DOCUMENT MANAGEMENT APPLICATION
When Sopytec set out to create DigiPaper, it needed to find a solution for creating a document scanning module within the application. Of course, scanning is a central component of a document management application. So, finding the best one was vital. To save both time and money on development costs, Sopytec opted to buy a scanning component instead of building one from scratch. That task alone would have required many extra months and much more money. Sopytec's software development team tried various solutions but found them unsatisfying. Eventually, they came across Dynamsoft and the company's image capture software development kits (SDK). Sopytec's team quickly found the Dynamic Web TWAIN SDK to be the best solution for them.

Dynamic Web TWAIN SDK
Dynamsoft's Dynamic Web TWAIN SDK provides developers a simple way to access the TWAIN interface in a web application so they need write just a couple of lines of code in JavaScript. This is instead of taking months to learn the TWAIN standard and then develop an application with hundreds to thousands of lines of code. A finished application gives users key features for document scanning, uploading, editing, and document management within web browsers. The SDK has built-in support for local image editing and saving options to a variety of formats. Documents can be saved to local or remote databases or other repositories. It supports 32-bit / 64-bit Internet Explorer® (IE), Firefox®, Chrome®, Safari® and Opera™ browsers on Windows and Mac OS X.

Key technologies built into the SDK are ideal. For example, Sandbox ensures hassle-free communication by improving stability and compatibility with scanning devices while also improving security. Supported devices include TWAIN-compatible scanners, digital cameras or capture cards. Scanned documents can be saved to local, server, remote databases or other document repositories. Extensive editing is also possible: rotate, crop, mirror, flip, erase, sizing, zooming, and more.

An update to Dynamic Web TWAIN in August 2014 provides an add-on to facilitate connections to TWAIN-based scanners in newer versions of Google® Chrome and Firefox with HTML5-based plugins. It's now well known in the industry that browser providers are phasing out browser plugins based on the Netscape Plugin Application Programming Interface (NPAPI). In May 2014 Google dropped support of NPAPI plugins for its Chrome browser. The updated Dynamic Web TWAIN SDK offers a newly developed HTML5 WebSocket plugin add on. So, it allows document scanning from within newer Google Chrome and Firefox browser versions that don't allow or by-default disable NPAPI plugins. The SDK also continues to support NPAPI for use in legacy browsers.

RETURN ON INVESTMENT
Sopytec found the provided documentation for the SDK to be highly helpful. It helped the team develop the application in just a month's time. It was created with practically no obstacles in development. Today, it's used by customers to manage all types of employee paperwork as digital assets instead: contracts, identification cards, photos, salary documents, and more.

QUOTE
"Dynamsoft's Dynamic Web TWAIN SDK is well supported with good documentation, which helped us avoid any big development obstacles," said Rodrigo Enrione Fuentes, General Manager for Sopytec. "As a result, we were able to develop our DigiPaper document management application really fast – in just one month."