IBM

IBM Expands Its Use of Dynamsoft's SDK for Document Scanning in Its Datacap Web Solution to Support Mac® OS X

Dynamsoft™

Snapshot

IBM's Datacap Insight Edition® content management solution allows document scanning via web browsers. Previously, Datacap web scanning was powered by Dynamic Web TWAIN's Windows edition and was only available on Windows® workstations. IBM customers wanted to also scan using Mac® OS X with the same user experience.

Powered by Dynamic Web TWAIN's Mac Edition, IBM was able to quickly implement a Mac OS X solution with the same user experience as with Windows. The IBM team worked with Dynamsoft to define features, cost structure, and a timeline to deliver the requested enhancements.

INDUSTRY

Cloud computing, artificial intelligence, computer hardware, and computer software

PRODUCT

Dynamic Web TWAIN

TECHNOLOGY

JavaScript, Web

KEY REQUIREMENTS

► Expand Datacap® document scanning to work cross-platform on Windows® and Mac®

► Expand Datacap Insight Edition® to run within the IBM user interfaces across both Windows and Mac® OS X

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About IBM

IBM is a globally integrated technology and consulting company headquartered in Armonk, New York. With operations in more than 170 countries, IBM develops and sells software and systems hardware and a broad range of infrastructure, cloud, and consulting services. IBM is focused on four main areas of business — cloud computing, artificial intelligence, computer hardware, and computer software. As of 2019, the company has a market cap of more than $114 billion.

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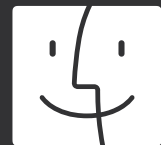
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A Technology Need

One key aspect of Datacap is document scanning via web browsers. Previously, Datacap web scanning was only available on Windows® workstations. IBM customers wanted to scan using both Windows® and Mac® OS X. They also wanted the same user experience on both platforms. Users needed to be able to easily switch between different workstation and browsers and work seamlessly with other features of the user interface.

IBM's Datacap Insight Edition® solution enables organizations to streamline the capture, recognition, and classification of business documents. It also allows organizations to quickly and accurately extract important information from those documents for use by business users and in applications using text analytics, natural language processing, and machine learning. The documents and data are validated via the same web user interface that operated the scanners. Then, Datacap stores the documents and the extracted data to repositories such as IBM FileNet Content Manager and other CMIS compliant repositories.

These activities need to run within the IBM user interfaces across both Windows and Mac® OS X.

Windows

Mac® OS X

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The Challenge

The SDK needed some enhancements to meet IBM-specific requirements. The IBM team worked with Dynamsoft to define features, cost structure, and a timeline to deliver the requested enhancements. This allowed IBM to ensure a seamless transition for customers who had previously used older ActiveX technology.

These needs were met and Dynamsoft continues to provide technical support as needed.

Getting Going with a Solution

After IBM's initial success with Dynamsoft, where they used Dynamsoft Web TWAIN to implement a web scanning component that ran without an ActiveX control requirement, IBM's development team wanted to use Dynamsoft Dynamic Web TWAIN SDK again. They were able to quickly implement the platform expansion and keep the same user experience for both Windows and Mac. This allowed the IBM team to focus on other functional expansions in cognitive capture such as expanded use of IBM's Watson technology – a core value-added capability of the IBM Datacap solution.

As a result of working with Dynamsoft, IBM's customers worldwide can now use the new web-scanning capabilities on both Windows and Mac® OS X. Once documents are scanned, they can extract information from the documents to streamline business processes and gain business insights using analytics.

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About Dynamic Web TWAIN

Dynamsoft's Dynamic Web TWAIN SDK provides developers a simple way to deliver a document scanning module (TWAIN, SANE or ICA) in a web application simply by writing just a couple of lines of code in JavaScript. This is instead of taking months to learn the related standards, then many more months to develop an application with hundreds to thousands of lines of code.

A completed application gives users key features for document scanning, uploading, editing, and document management within web browsers. This SDK supports 32-bit / 64-bit Internet Explorer® (IE), Edge, Firefox, Chrome and Safari® browsers on Windows®, Mac® OS X, Linux, iOS and Android.

The SDK has built-in support for local image editing and save options to a variety of image formats. Documents captured with Dynamsoft's SDK can be saved to local/remote disk, databases, SharePoint® or other document repositories

LEARN MORE ABOUT DYNAMIC WEB TWAIN

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