ABBYY®

ABBYY Scanning Solutions: Flexible, Functional and Safe

Document capture is an integral part of almost every corporation's workflow and key to the dissemination, sharing and archiving of business critical information. As such the initial stage of capture, document scanning is vital to the efficiency of every subsequent process. That's why implementing more efficient scanning and document capture solutions greatly improve the overall performance of organizational workflow. And why ABBYY offers a wide range of solutions that make document capture faster, easier, more effective – and more secure.

Recognizing that every company has evolved their own document processing workflow, ABBYY has created capture solutions that tailor to both local and network environments – and which can accommodate centralized or distributed processing. And, as increasingly is the case, remote workers may have to capture information on the fly, at point of service. So ABBYY offers a variety of solutions to match – including web -based technologies. For example:

- For document capture in local or centralized environments, ABBYY offers the robust Scanning Station.

- ClickOnce installation of the Scanning Station ensures fully-automated installation and ready-to-run scanning functionality in remote locations.

- To enable web-based document capture ABBYY has designed a thin client for scanning which is compatible with most popular browsers and which provides rich functionality beyond simple image capture.

Moreover, all these applications can be combined to maximize productivity and minimize costs.

Within this combination, browser-based scanning is a relatively new option, and comparing it to desktop solutions is a great way to understand how it works.

For example, a desktop scanning application controls the scanner by directly communicating with the scanner driver – which is installed on the same PC.

Document capture to the full with ABBYY FlexiCapture

ABBYY scanning solutions are part of ABBYY FlexiCapture – intelligent, accurate and scalable data and document capture software.
ABBYY FlexiCapture quickly and accurately extracts key data from all kinds of documents – including semi- and structured forms. The software provides a full range of functionality for document scanning, classification, indexing and data extraction. Plus, it includes a full set of Web-based operator stations for performing document capture and verification in a browser-based environment – making it an ideal solution for organizations with a distributed network of offices or points of service. These can include insurance companies, banks, healthcare providers, travel agencies and more.

ABBYY® FlexiCapture® 10

ABBYY Scanning Solutions: Flexible, Functional and Safe

But web-based solutions require a go-between, because browsers can't natively access the hardware. A browser needs to get access to the API of the driver (TWAIN or ISIS DLLs) installed on the computer where the web-application is running. This can be provided by means of an ActiveX component, browser-plugin or Java applet – which are usually proposed by the browser for download and installation when a web page referring to them is opened for the first time.

Java-based solutions rely on Java-applets as a source of additional functionality for the browser and require additional installation of the Java virtual machine. In order to limit access to local data, most browsers perform Java applets in the sandbox. However, to initiate scanning, the user has to authorize the specific Java applet that allows it full access to the operating system. This means that there is no security benefit related to using Java applets for scanning purposes.

By contrast, ABBYY web-based document capture solutions are implemented with the use of binary components. This approach enables the design of flexible and fast running applications that provide rich functionality while also ensuring maximum security for the user's system. ABBYY web-based scanning is compatible with most popular browsers. For customers preferring Internet Explorer, ABBYY developed a scanning client based on the Microsoft ActiveX technology. For Chrome and Firefox users, web-based scanning relies on browser plugins.

ABBYY browser-based document capture solutions are absolutely safe. The downloadable part is digitally signed by ABBYY. The compound validation procedure performed by the browser ensures the integrity of the component and notifies the user before installation in case the code was altered after it was signed. ABBYY ensures that the software was thoroughly tested. It is possible to configure Internet Explorer so that it will only use signed ActiveX components that are installed from specific servers – a safe way to exclude security risks related to the use of binary components, such as ActiveX.

ABBYY is constantly monitoring technological trends and aims to be at the cutting edge of technology. Our web-based solutions as well as desktop applications are under non-stop enhancement and lead the way in software engineering.

Reflecting a combination of maximum functionality, compatibility and security, ABBYY scanning solutions enable hassle-free and effective document capture while complying with any possible security requirements.

www.ABBYY.com