

OpenText™ Captiva™ Cloud Capture Toolkit

Scan and capture enablement tools

Commercial hardware/software vendors and enterprises are constantly on the lookout for more effective ways to reduce their deployment and maintenance costs and raise their productivity to meet demanding business needs. Organizations seek new ways of capturing information more efficiently, processing the data, and thereby helping their customers make real-time business decisions. Despite the emergence of cloud and web-based applications, many critical business applications continue to rely upon paper documents and manual processes. Scanning these paper documents into web-based applications is problematic, and usually requires installing a standalone desktop application or software plug-in such as ActiveX.

Although ActiveX plug-in components can be used to communicate with document scanners, they are cumbersome and add another software component layer to the total configuration. Moreover, secure corporate environments forbid the use of ActiveX technology because it bypasses operating system controls and browser security protocols.

A growth market: Distributed capture

Software developers prefer an approach where the scanner driver can communicate directly with a web services interface, enabling web-based applications to handle the scanning function directly. This creates the possibility of a zero download distributed web client and provides developers with a more streamlined approach for implementing distributed document capture applications.

SUMMARY

OpenText® Captiva® Cloud Capture Toolkit is a scanning and imaging software developer kit (SDK) that enables document scanner hardware vendors, commercial software developers, and enterprises to add scanning capability to their web-based line of business applications. The toolkit allows applications to communicate with document scanners that use either the image and scanner interface specification or TWAIN drivers. There are no special server requirements, and no ActiveX plug-ins required.

BENEFITS

- *Leverages the power of the image and scanner interface specification and allows access to basic and advanced scanner features; also provides connectivity to TWAIN-based devices*
- *Zero download for all devices that support cloud capture natively, or a one-time download of the cloud capture web services component*
- *Fully supports popular browser platforms like Internet Explorer®, Firefox® and Chrome®*
- *Access and control document scanner features to include image enhancement and barcode recognition capabilities through web services application programming interfaces (APIs)*

The next technology wave: Cloud capture

OpenText Captiva Cloud Capture Toolkit is a software developer kit (SDK) that helps web application developers quickly add scanning and imaging functionality directly to their web-based business applications. Developers can create a working scan-enabled web-based business application in a fraction of the time formerly required (edit as you like). This capability shortens time to market, and greatly reduces development, testing, and support costs—resulting in a quick return on investment and the ability to compete in an increasingly competitive distributed capture market.

Enable full access to document scanner functionality

OpenText provides a single technology platform that is easier to deploy, meeting the needs of companies who prefer to invest in a solution that is easily deployable for the entire enterprise. Captiva Cloud Capture Toolkit combines a web service with a scanner level toolkit to enable full access to document scanner features using the power of the image and scanner interface specification. Captiva Cloud Capture Toolkit also provides connectivity to TWAIN-based devices.

Integrate with existing web browsers

Web-based business applications using Captiva Cloud Capture Toolkit do not require any additional software, including ActiveX plug-ins. More importantly, the web-based business application created by the toolkit works with widely popular web browser platforms including Internet Explorer®, Firefox®, and Chrome™. Similarly, it works with any web development platform like Silverlight®, JavaScript™, and Flash®. This allows for quick integration to existing web browser technologies and development environments used by an organization.

Enhance security and user experience

By eliminating technology limitations and leveraging established web standards, Captiva Cloud Capture Toolkit delivers better solutions with fewer restrictions to the user experience. Hypertext Transfer Protocol (HTTP) in combination with Secure Sockets Layer (SSL) provides encrypted communication and secure identification of a network webserver. JavaScript Object Notation (JSON) is a text-based open standard designed for human-readable data interchange. The same communication protocols that handle the exchange of sensitive data between corporate information systems and e-commerce sites provide the latest benefits of security and interoperability to applications built using the Captiva Cloud Capture Toolkit.

Compete in new and evolving markets

Captiva Cloud Capture Toolkit offers web services application programming interfaces (APIs) for accessing and controlling the document scanner features to include image enhancement and barcode recognition capabilities. With its focus on security and simplicity, Captiva Cloud Capture Toolkit helps deliver competitive, scan-enabled web-based distributed capture for new and evolving markets.

The next disruptive document capture technology

Cloud capture is the future of scan-enabling web-based business applications. OpenText Captiva Cloud Toolkit provides the most seamless user experience by automatically bundling web services components with the driver, and allowing the use of standard web technologies. This combination provides the best developer experience, uses accepted web technologies that are secure for enterprise IT organizations, and enables developers to provide an exceptional user experience. This type of implementation provides the following key benefits:

- **Accelerate time to deployment and reduce total cost of ownership (TCO):** No software downloads are required, development time is reduced, and deployment of competitive web-based distributed document capture solutions is accelerated
- **Stay competitive in the market space:** Quickly integrate and market web-based distributed document capture functionality with existing business applications to provide immediate access and additional revenue streams from new markets
- **Focus on core competencies and line of business expertise:** Enhance and build the organization's core business expertise to remain competitive while leveraging proven capture capabilities from OpenText

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