

EMC CAPTIVA CLOUD TOOLKIT

Easy Scan-Capture Enablement Tool

ESSENTIALS

EMC® Captiva® Cloud 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 enables applications to communicate with document scanners that use either ISIS or TWAIN drivers. There are no special server requirements, and no ActiveX plug-ins used.

EMC Captiva Cloud Toolkit has the following features and capabilities:

- Leverages the power of ISIS 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 onetime download of the cloud capture web services component
- Popular Microsoft Windows browser platforms like Internet Explorer, Firefox, and Chrome are fully supported
- Provided with web services application programming interfaces (APIs) for accessing and controlling the document scanner features to include image enhancement and barcode recognition capabilities

AN EMERGING TREND - DISTRIBUTED CAPTURE

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 levels in order to meet their most demanding business needs.

Companies seek new ways of capturing information more efficiently, processing the data, and thereby helping their customers make better business decisions faster.

Despite the emergence of cloud-based and web-based applications, many critical business applications continue to rely upon paper documents. Scanning these paper documents into web-based applications has been problematic, usually requiring the installation of 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.

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 elegant approach for implementing distributed document capture applications.

INTRODUCING THE NEXT TECHNOLOGY WAVE - CLOUD CAPTURE

EMC® Captiva® Cloud Toolkit is a software developer kit (SDK) that helps web application developers to quickly add scanning and imaging functionality directly to their web-based business applications. Utilizing EMC Captiva Cloud Toolkit, developers can quickly create a working scan-enabled web-based business application in as little as one week. As a result, time to market is shortened, and development, testing, and support costs are greatly reduced. This results in a quick return on investment and the ability to compete in an increasingly competitive distributed document capture market is accelerated.

IN THE FOREFRONT OF LEADING-EDGE TECHNOLOGY

EMC provides a single technology platform that is easier to deploy. Companies prefer to invest in a single technology platform that is easily deployable for the entire enterprise. The EMC Captiva Cloud Toolkit combines a web service with a scanner level toolkit to enable full access to the document scanner features using the power of

REDEFINE

DATA SHEET

EMC²

ISIS. The EMC Captiva Cloud Toolkit also provides connectivity to TWAIN-based devices.

Web-based business applications using the EMC Captiva Cloud Toolkit will not require any additional software to run, including ActiveX plug-ins. More importantly, the web-based business application created by the toolkit will work with widely popular web browser platforms including Internet Explorer, Firefox, and Chrome. Similarly, it will also work with any web development platform like Silverlight, JavaScript, and Flash. This allows for quick integration to existing corporate web browsers technologies and development environments used by the enterprise.

By eliminating technology limitations and leveraging established web standards, the EMC Captiva Cloud 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 web server. 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 on ecommerce sites provide the latest benefits of security and interoperability to applications built using the EMC Captiva Cloud Toolkit.

The EMC Captiva Cloud Toolkit is provided with 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, EMC Captiva Cloud Toolkit helps to deliver competitive scan-enabled web-based distributed document capture business solutions for new and evolving markets.

EMC CAPTIVA CLOUD TOOLKIT IS THE NEXT DISRUPTIVE DOCUMENT CAPTURE TECHNOLOGY

Cloud capture is the future of scan-enabling web-based business applications. The EMC 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 the best user experience. This type of implementation provides the following key benefits:

- Faster time to deployment with reduced total cost of ownership (TCO) - No software downloads required, the development time is reduced and deployment of competitive web-based distributed document capture business solutions is accelerated
- Stay competitive in the web-based distributed document capture solutions market space - Quickly integrate and market web-based distributed document capture functionality with existing business applications to provide immediate access and additional revenue streams to new markets
- Focus on core competencies and line of business expertise - Helps to enhance and build the organization's core business expertise to remain competitive

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