Dynamsoft™

Additionally, users may need to preview scanned images or edit them before uploading them to a web server. A scanning control that allows a rich user experience can differentiate your applications from competitors' products.

Multi-page Document Support

Rule #5: A TWAIN component must support multi-page format, such as TIFF and PDF.

Many documents have multiple pages. If each page is stored as a separate scanned image, retrieving and viewing the document involves handling multiple images. Being able to store all pages of a document in a single file makes it much easier to manage multiple-page documents.

Security

Rule #6: The TWAIN component must be marked as "safe for scripting" and should be digitally signed.

Security is an ever-growing concern for end users. If a user downloads and installs a control on their computer, it's possible that the control can do anything to the computer. As a result, you must be able to build end users' confidence about security issues.

When a publisher marks a control as 'safe for scripting', the publisher promises that the control will not intentionally harm the end users' computer system. If the control intentionally damages the system, the publisher assumes legal responsibility.

If the component is digitally signed, a dialog box with the publisher's legal name will appear when a customer uses the scanning component for the first time. The user can choose whether they want to install the component during the download and install process. If the control is altered after the publisher has signed it, the digital signature will be broken and the user will be informed. This makes it impossible for the signed control to be infected by a virus or maliciously changed by hackers.