Honeywell

WebScan

Image Kiosk™ 8560/8570

WebScan is an application that provides quick and seamless integration of scanning functionality into new and existing web-based applications using the Image Kiosk. In addition to hosting a web application, WebScan also controls and performs all of the scanning functionality provided by the Image Kiosk. The direct benefit of this is that the web application is not burdened with additional source code that is typically required when using a proprietary ActiveX control for the decoding logic. This greatly reduces the development effort, complexity and support for the web application.

WebScan facilitates the interaction between the web application and the Image Kiosk scanning functionality through the use of XML-based configuration files. These files contain settings that are used to control scanning, web application interaction, failover/recovery and automatic file updates. These XML-based files can be easily modified using Honeywell's EZConfig Editor, as well as a variety of other standard file editing programs.

Because the interaction between WebScan and the web application is managed via XML configuration files, there is no direct integration between WebScan and the web application. Therefore, the web application is completely isolated from and has no direct dependency on WebScan.
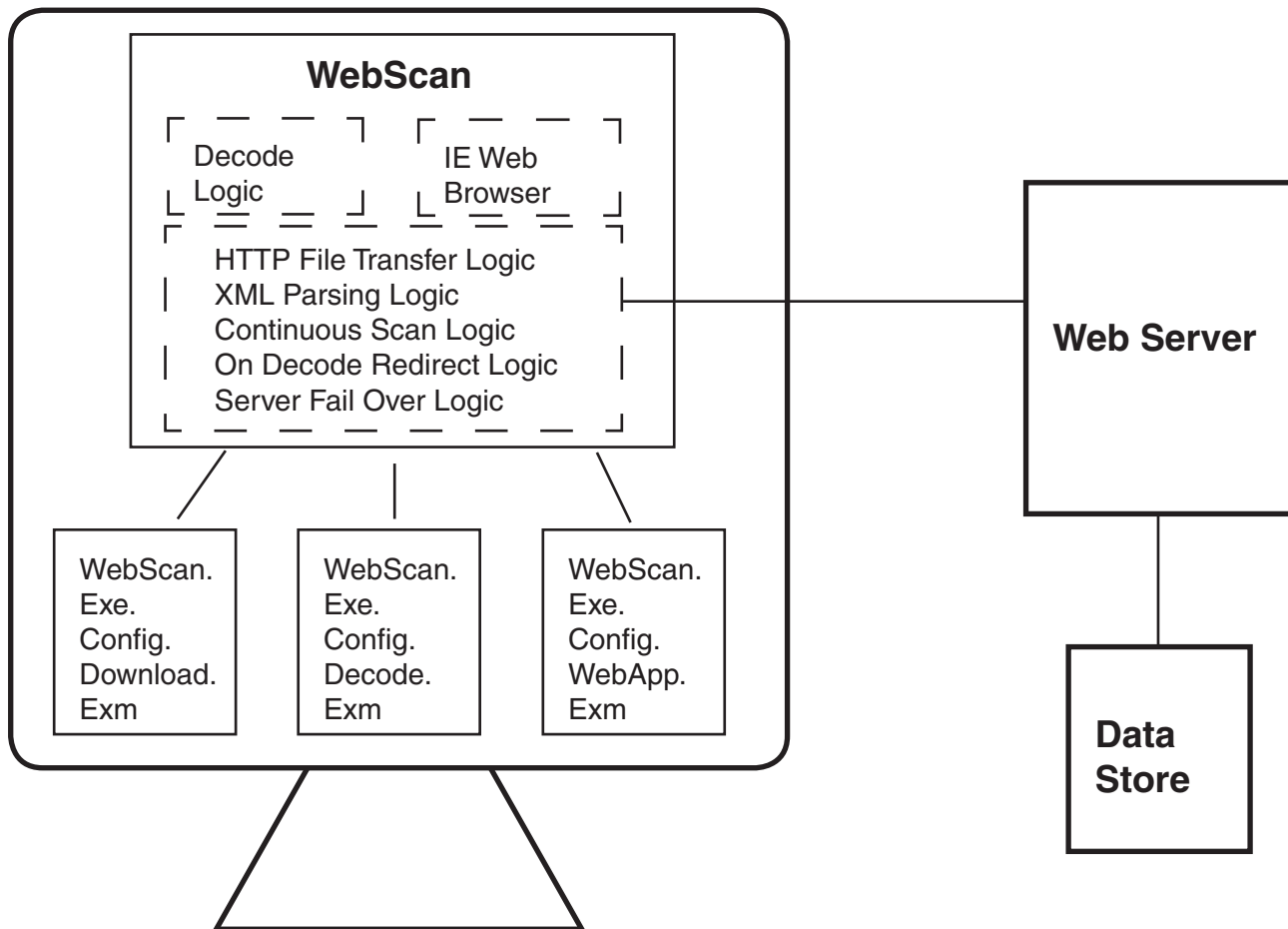
powered by
Adaptus®
imaging technology 5.0

Features

- **Integrates Existing Web Applications With the On-Board Scan Engine:** Eliminates the need for additional software in your application to control scanning operations.

- **ActiveX Alternative for Browser-Based Development:** WebScan does NOT use ActiveX in any way thereby eliminating the need for developers to learn proprietary functionality.

- **Greatly Reduces Overall Development Time:** Removes the need to configure, control, and handle scanning functionality from your application.

- **Maximizes Interoperability With XML:** Scanning and web application interaction are conveniently controlled via XML based files.

- **Automatic Deployment of Updates:** Update your Image Kiosk with new configuration files at startup.

- **Non-Proprietary Browser:** Offers the same functionality as Microsoft® Internet Explorer®.

- **Automatic Failover and Recovery:** Detects and performs web server failover and recovery that is transparent to the end user and requires no manual intervention by your IT staff. A customizable HTML page appears during a failure condition and your application continues where it left off after recovery.

- **Continuous Scanning:** Ideal for scan-intensive applications.

- **Supports Cold and Warm Boots:** Perform a "cold" or "warm" reboot at predetermined times with no application or user interaction.

WebScan Architectural Design

IK8560/70 Image Kiosk

WebScan

Decode Logic

IE Web Browser

HTTP File Transfer Logic
XML Parsing Logic
Continuous Scan Logic
On Decode Redirect Logic
Server Fail Over Logic

WebScan.
Exe.
Config.
Download.
Exm

WebScan.
Exe.
Config.
Decode.
Exm

WebScan.
Exe.
Config.
WebApp.
Exm

Web Server

Data Store

The WebScan tool can be downloaded from IK8560/8570 product page on the Honeywell web site: www.honeywell.com/aidc. Once on the product page, select the **Product Support** tab, then **Software Downloads**.

Honeywell

WebScan-DS Rev B   7/08
Copyright ©2008 Honeywell International Inc.