



StoreScan Server

User Manual



StoreScan Server
Price Verification
Web Service

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1 Introduction

StoreScan Server is an easy-to-use, price checking web service software designed for use with AML StoreScan price checking software running on an AML kiosk. When a barcode is scanned on an AML kiosk, StoreScan (client) will make a web request to the StoreScan Server web service to retrieve product and pricing information.

StoreScan Server features include:

- Data Manager application that updates price/product information from data file(s) every 10 minutes. (For more information, [see the Data Manager section.](#))
- Email notifications for failed updates, overdue updates and an update status overview.
- User interface for configuring StoreScan Server, viewing update status and enabling/disabling included local system services.

2 Choosing a StoreScan Server Version

StoreScan Server comes in two variations. A simple StoreScan Server Self-Host version for less experienced users allows for a quick and easy setup. For more advanced users, StoreScan Server for IIS will work with an existing IIS website.

Feature	StoreScan Server Self-Host	StoreScan Server for IIS
Quick, Simple Setup	✓	
HTTPS		✓
Remote Slideshow Update		✓
Product Images		✓

2.1 StoreScan Server Self-Host

The 'Self-Host' version installs everything users need to quickly get up and running with little or no experience. This version does not support product images or remote updating of the StoreScan (client) slideshow.

2.2 StoreScan Server for IIS

The version for IIS is intended for advanced users. Because this version works with existing IIS web site/applications, users can set up HTTPS on their site/application within IIS. Users can also set up a separate site for hosting product images and remote slideshow updating of StoreScan (client) slideshow.

3 Data File Setup

After launching StoreScan Server, users will begin by selecting a data file setup type. The data files must be in CSV (Comma Separated Value) format or in a MS SQL database.

The screenshot shows the 'Database Setup' window in StoreScan Server. The window title is 'StoreScan Server'. On the left is a dark sidebar with the StoreScan Server logo at the top, followed by navigation links: Status, Setup, Data, Web, Mail, and Admin. Below the links are buttons for 'SAVE' (green), 'Reset Form', and the version 'v1.22.8850'. The main content area is titled 'Database Setup' and contains the instruction 'Select the database type to be used with the application.' There are two radio button options: 'Spreadsheet' (selected) with the subtext 'Select this option for use of a .csv or spreadsheet.', and 'SQL Database (Advanced)' with the subtext 'Select this option to link an existing SQL-based database.'. At the bottom right of the main area is a 'NEXT >' button.

StoreScan Server has two operational modes: Spreadsheet and SQL Database.

- Spreadsheet mode is for retailers who use .CSV format files to store their pricing information.
- SQL Database mode is for those who have their information hosted on an MS SQL Server serving multiple stores each with their own pricing information and/or promotions.

3.1 Setup Modes for Spreadsheet Type

StoreScan Server has two operational modes: Simple and Multi-Store

- Simple mode is for retailers who have one universal pricing structure for all stores or plan to put a server in every store.
- Multi-Store mode is for those who have one server serving multiple stores each with their own pricing information and/or promotions.

Once the mode has been determined, the rest is pretty easy. Select a CSV file containing the product information, and set up what product information will be displayed. StoreScan Server will then periodically check the CSV file(s) in the selected directory to see if new data is available and automatically update pricing as needed. (For a detailed breakdown of the update procedure, [see section “7.2 Data Manager”](#))

3.1.1 Simple Setup Example Diagram

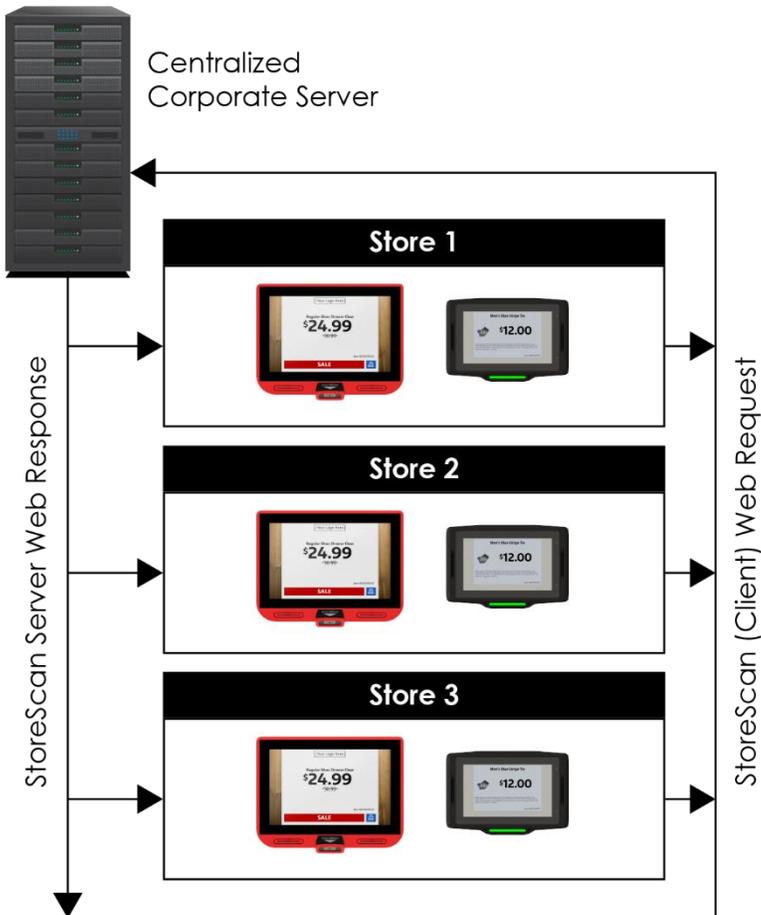
Simple Setup



3.1.2 Multi-Store Setup Example Diagram

This setup is designed to use one data file with no store or regional specific information.

Multi-Store Setup



3.1.3 Simple

Data File Setup

Selected data file(s) are used to create the database and its table(s). The data file(s) must be in .CSV (Comma Separated Values) format. Setup options include a "Simple" setup with one data file or "Multi-Store" setup for multiple data files one for each store. Select how the data file(s) will be structured. Then, begin adding data files and mapping web response object fields with the data column names.

Simple
Select this option if there is only one data file.

Multi-Store
Select this option for multiple data files.

SAVE

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NEXT >

Begin the Simple setup by selecting a data file (CSV format) from the directory that will act as the data file depository. The directory that the selected file resides in will be the directory that the local system service will check for updates.

Simple Data File Setup

Start by selecting the data file that will be used as the single data file or product information table. The selected file's location will be used for future data file updates. CSV format is required.

Select a File >> C:\Price Check Data Files\SingleStore_20190418.csv

Does the selected file have a header row? **Yes**
 No

Map Data File Columns

Response Object Properties	Mapped Table Column Name	Data File Preview
Barcode *		
Name *		
Detailed Description		
Actual Price *		
Actual Price Quantity		
Retail Price		
Retail Price Quantity		
Product Image URL		
Promotional Description		

*Fields marked with * are required.*

SAVE

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Next, select 'Yes' or 'No' if the data file has a header. Then, select 'Map Data File Columns'.

Simple Data File Setup

Start by selecting the data file that will be used as the single data file or product information table. The selected file's location will be used for future data file updates. CSV format is required.

Select a File >> C:\Price Check Data Files\SingleStore_20190418.csv

Does the selected file have a header row? Yes No

Map Data File Columns

Response Object Properties

Response Object Properties	Mapped Table Column Name
Barcode *	
Name *	
Detailed Description	
Actual Price *	
Actual Price Quantity	
Retail Price	
Retail Price Quantity	
Product Image URL	
Promotional Description	

Fields marked with * are required.

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After the selected data file has been imported into the 'Data File Preview', select each column name from the imported data file in the dropdown options that correlates to the 'Response Object Property' beside it.

Example: If the column that contains the 'Price' data is titled "Price", select that option from the dropdown menu next to the 'Actual Price' property. See red highlights below.

Simple Data File Setup

Start by selecting the data file that will be used as the single data file or product information table. The selected file's location will be used for future data file updates. CSV format is required.

Select a File >> C:\Price Check Data Files\SingleStore_20190418.csv

Does the selected file have a header row? Yes No

Map Data File Columns

Response Object Properties

Response Object Properties	Mapped Table Column Name
Barcode *	Barcode
Name *	Title
Detailed Description	Details
Actual Price *	Price
Actual Price Quantity	Select a Column
Retail Price	RowID
Retail Price Quantity	Barcode
Product Image URL	Title
Promotional Description	PriceQuantity

Fields marked with * are required.

Data File Preview

RowID	Barcode	Title	Price	PriceQuantity	RetailP
1	31125473658	Stacy Adams® Waltham Mens Dress Shoe	79.99		79.99
2	31125473659	JF J. Ferrar® Dress Shirt	39.99		39.99
3	31125473660	Van Hausen® Suit Pants	65.99		65.99
4	682875047672	George Ombre Stripe Tie	120.00	2	60.01
5	31125473662	Stafford® Executive Super 100 Suit Pants	59.99		59.99
6	31125473663	Dockers® Comfort Khaki Pants	39.99		39.99
7	070010636001	George Men's Fashion Crew Socks	1,237.50	100	1,300
8	31125473665	Calvin Klein® Leather Belt	45.00		45.00
9	31125473666	Polo Ralph Lauren® French-Rib Pullover	98.50		98.50
10	31125473667	Alfani® Dean Utility Leather Boots	69.99		69.99

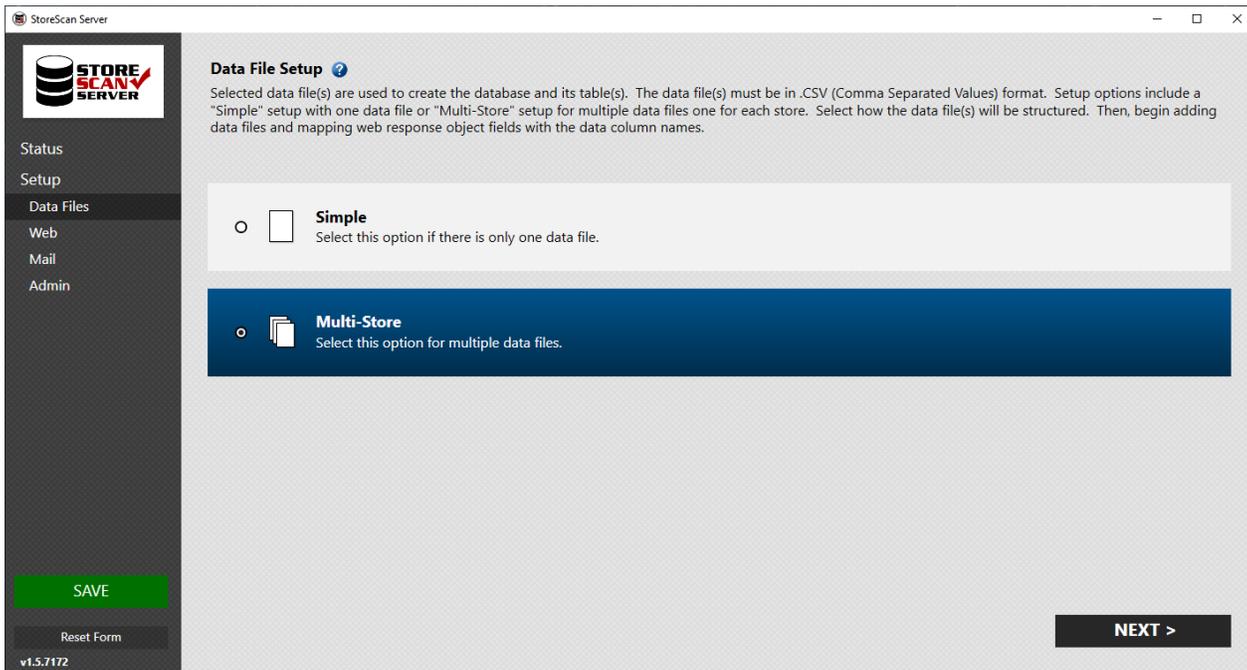
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Select the column name beside each property that will be used. **IMPORTANT: Barcode, Name and Actual Price properties are required.**

Once 'Data Files' setup is completed, proceed to the '[Web Setup](#)' section.

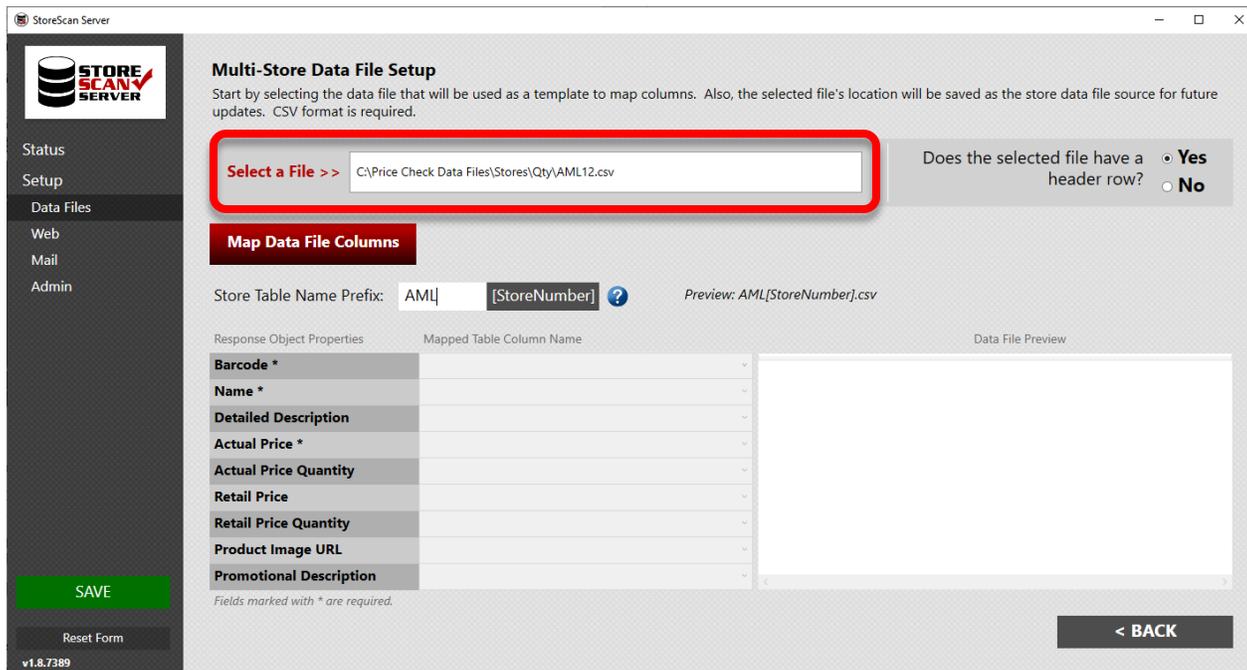
3.1.4 Multi-Store

This setup is designed to use multiple data files each containing pricing, promotional or other data that is specific to a store or region. **IMPORTANT: Each AML kiosk running StoreScan (client) software must have a 'Store Number' assigned in order to use this setup type.**

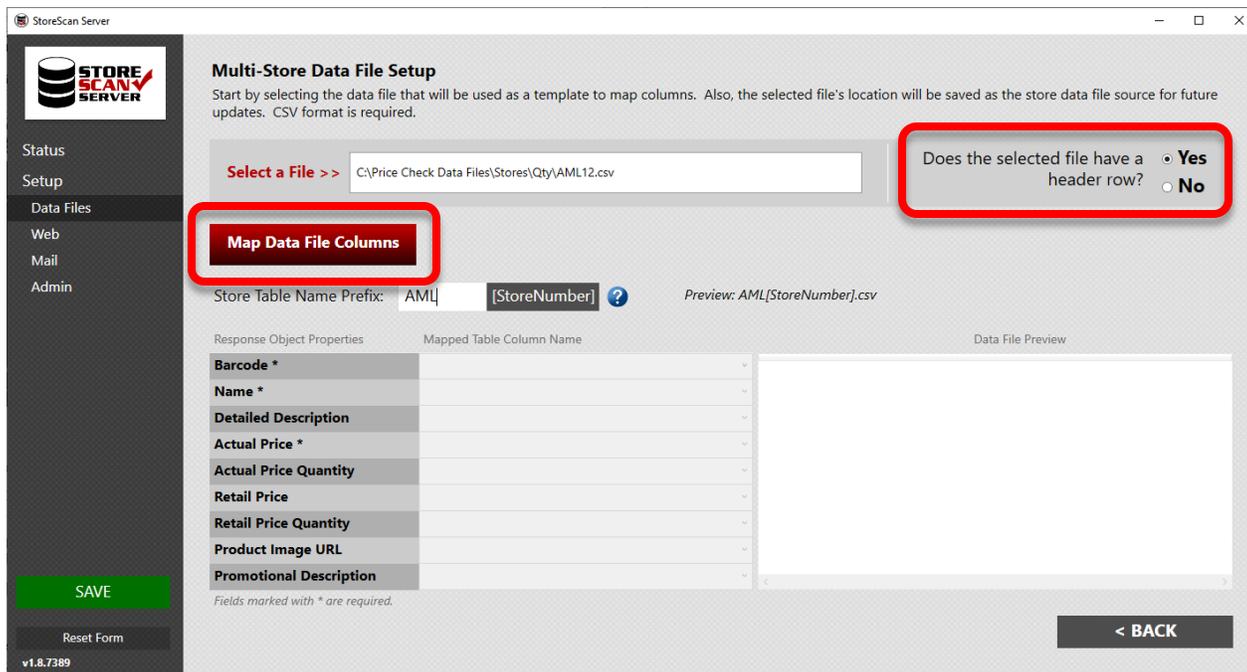


Begin the Multi-Store setup by selecting a data file (CSV format) from the directory that will act as the data file depository. This directory will be the location that the local system service will check for updates.

IMPORTANT: All data files in the selected directory must be the same format, structure and file naming convention.

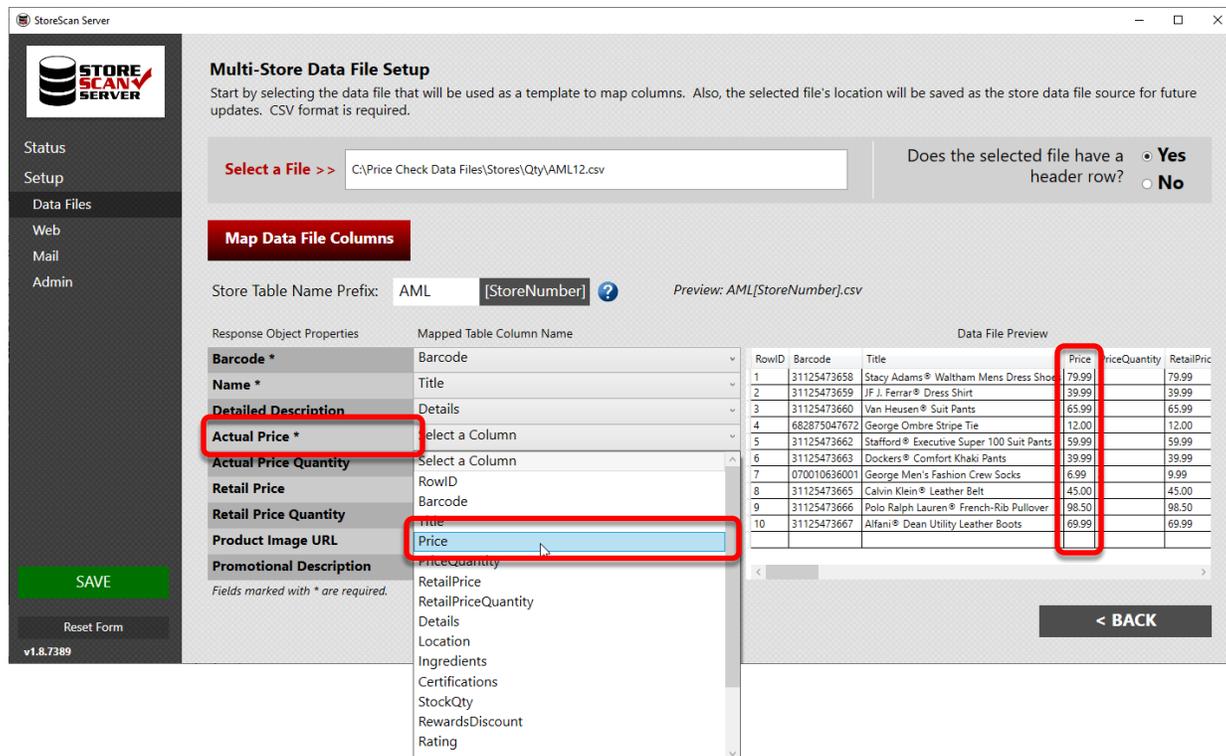


Next, select 'Yes' or 'No' if the data file has a header. Then, select 'Map Data File Columns'.



After the selected data file has been imported into the 'Data File Preview', select each column name from the imported data file in the dropdown options that correlates to the 'Response Object Property' beside it.

Example: If the column that contains the 'Price' data is titled 'Price', select that option from the dropdown menu next to the 'Actual Price' property. See red highlights below.



Select the column name beside each property that will be used. **IMPORTANT: Barcode, Name and Actual Price properties are required.**

Another setting to determine is whether or not a 'Store Table Name Prefix' is required.

If a device's 'Store Number' is set to '12' and the data file is titled 'AML12.csv', then the 'Store Table Name Prefix' must be set to 'AML'.

If a device's 'Store Number' is set to 'AML12' and the data file is titled 'AML12.csv', then a 'Store Table Name Prefix' is not needed.

Multi-Store Data File Setup
Start by selecting the data file that will be used as a template to map columns. Also, the selected file's location will be saved as the store data file source for future updates. CSV format is required.

Select a File >> C:\Price Check Data Files\Stores\Qty\AML12.csv

Does the selected file have a header row? Yes No

Map Data File Columns

Store Table Name Prefix: AML [StoreNumber] ? Preview: AML[StoreNumber].csv

Response Object Properties	Mapped Table Column Name	Data File Preview					
Barcode *	Barcode	RowID	Barcode	Title	Price	PriceQuantity	RetailPric
Name *	Title	1	31125473658	Stacy Adams® Waltham Mens Dress Shoes	79.99		79.99
Detailed Description	Details	2	31125473659	JF J. Ferrar® Dress Shirt	39.99		39.99
Actual Price *	Select a Column	3	31125473660	Van Heusen® Suit Pants	65.99		65.99
Actual Price Quantity	Select a Column	4	682875047672	George Ombre Stripe Tie	12.00		12.00
Retail Price	RowID	5	31125473662	Stafford® Executive Super 100 Suit Pants	59.99		59.99
Retail Price Quantity	Barcode	6	31125473663	Dockers® Comfort Khaki Pants	39.99		39.99
Product Image URL	Title	7	070010636001	George Men's Fashion Crew Socks	6.99	2	9.99
Promotional Description	Price	8	31125473665	Calvin Klein® Leather Belt	45.00		45.00
	PriceQuantity	9	31125473666	Polo Ralph Lauren® French-Rib Pullover	88.50		88.50
	RetailPrice	10	31125473667	Alfani® Dean Utility Leather Boots	69.99		69.99
	RetailPriceQuantity						
	Details						
	Location						
	Ingredients						
	Certifications						
	StockQty						
	RewardsDiscount						
	Rating						

Fields marked with * are required.

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Once 'Data Files' setup is completed, proceed to the ['Web Setup' section](#).

3.2 SQL Database Type

This setup is designed to be used when there is already an MS SQL server hosting the database to be queried.

StoreScan Server

SQL Database Setup

Hostname: Username:

Port: Password:

Database: Table:

Store ID Column

Response Object Properties	Mapped Table Column Name	Data File Preview
Barcode *	<input type="text"/>	
Name *	<input type="text"/>	
Detailed Description	<input type="text"/>	
Actual Price *	<input type="text"/>	
Actual Price Quantity	<input type="text"/>	
Retail Price	<input type="text"/>	
Retail Price Quantity	<input type="text"/>	
Product Image URL	<input type="text"/>	
Promotional Description	<input type="text"/>	

*Fields marked with * are required.*

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Begin SQL Database Setup by entering your service's hostname, port, username and password if required.

Once the proper information has been entered, click on the "Connect" button to grab the table information from the database for StoreScan Server to read.

StoreScan Server

SQL Database Setup Connection Successful

Hostname: Username:

Port: Password:

Database: Table:

Store ID Column

Response Object Properties	Mapped Table Column Name	Data File Preview																																																																		
Barcode *	Select a Column	<table border="1"><thead><tr><th>ItemNum</th><th>ItemName</th><th>StoreID</th><th>Cost</th><th>Price</th><th>RetailPrice</th></tr></thead><tbody><tr><td>0000000000</td><td>TAYLOR FLAD TAWNY PORT 750ML</td><td>1001</td><td>9.50000000</td><td>12.99000000</td><td>0.00000000</td></tr><tr><td>0000070106</td><td>SOLE STUFFED SCALLOPS & CRAB</td><td>1001</td><td>2.70000000</td><td>4.25000000</td><td>0.00000000</td></tr><tr><td>0000070129</td><td>CHICKEN LEG & THIGH</td><td>1001</td><td>1.99000000</td><td>2.79000000</td><td>0.00000000</td></tr><tr><td>00100</td><td>DEPOSIT ON KEG</td><td>1001</td><td>0.00000000</td><td>10.00000000</td><td>0.00000000</td></tr><tr><td>00201</td><td>COORS LT KEG 15.5 BBL</td><td>1001</td><td>50.00000000</td><td>74.95000000</td><td>0.00000000</td></tr><tr><td>00202</td><td>COORS LT KEG 7.75 BBL</td><td>1001</td><td>25.50000000</td><td>45.95000000</td><td>0.00000000</td></tr><tr><td>0044506006</td><td>SEA DOG BLUEBRY WHEAT 6 PK</td><td>1001</td><td>6.50000000</td><td>7.99000000</td><td>0.00000000</td></tr><tr><td>00702</td><td>MILLER LT HALF BBL</td><td>1001</td><td>63.95000000</td><td>74.95000000</td><td>0.00000000</td></tr><tr><td>00704</td><td>MILLER LT QUARTER BBL</td><td>1001</td><td>32.95000000</td><td>45.95000000</td><td>0.00000000</td></tr><tr><td>00948777</td><td>HEINEKEN 24 OZ NR</td><td>1001</td><td>1.65000000</td><td>2.99000000</td><td>0.00000000</td></tr></tbody></table>	ItemNum	ItemName	StoreID	Cost	Price	RetailPrice	0000000000	TAYLOR FLAD TAWNY PORT 750ML	1001	9.50000000	12.99000000	0.00000000	0000070106	SOLE STUFFED SCALLOPS & CRAB	1001	2.70000000	4.25000000	0.00000000	0000070129	CHICKEN LEG & THIGH	1001	1.99000000	2.79000000	0.00000000	00100	DEPOSIT ON KEG	1001	0.00000000	10.00000000	0.00000000	00201	COORS LT KEG 15.5 BBL	1001	50.00000000	74.95000000	0.00000000	00202	COORS LT KEG 7.75 BBL	1001	25.50000000	45.95000000	0.00000000	0044506006	SEA DOG BLUEBRY WHEAT 6 PK	1001	6.50000000	7.99000000	0.00000000	00702	MILLER LT HALF BBL	1001	63.95000000	74.95000000	0.00000000	00704	MILLER LT QUARTER BBL	1001	32.95000000	45.95000000	0.00000000	00948777	HEINEKEN 24 OZ NR	1001	1.65000000	2.99000000	0.00000000
ItemNum	ItemName		StoreID	Cost	Price	RetailPrice																																																														
0000000000	TAYLOR FLAD TAWNY PORT 750ML		1001	9.50000000	12.99000000	0.00000000																																																														
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00201	COORS LT KEG 15.5 BBL		1001	50.00000000	74.95000000	0.00000000																																																														
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00704	MILLER LT QUARTER BBL	1001	32.95000000	45.95000000	0.00000000																																																															
00948777	HEINEKEN 24 OZ NR	1001	1.65000000	2.99000000	0.00000000																																																															
Name *	Select a Column																																																																			
Detailed Description	Select a Column																																																																			
Actual Price *	Select a Column																																																																			
Actual Price Quantity	Select a Column																																																																			
Retail Price	Select a Column																																																																			
Retail Price Quantity	Select a Column																																																																			
Product Image URL	Select a Column																																																																			
Promotional Description	Select a Column																																																																			

*Fields marked with * are required.*

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The Database and Table dropdowns will now become available and populate with information if there is any available from the server provided.

Optional: Store ID Column

For multi-store setups, the optional Store ID Column feature can be toggled, which adds an additional column assignment for Store ID in the product lookups. An additional Fallback Store ID field is also available, which will be referenced in the event the lookup does not find a result with the first store ID.

SQL Database Setup Connection Successful

Hostname: Username:

Port: Password:

Database: Table:

Store ID Column Store ID reference if a result is not found

Response Object Properties	Mapped Table Column Name
Barcode *	Select a Column
Name *	Select a Column
Detailed Description	Select a Column
Actual Price *	Select a Column
Actual Price Quantity	Select a Column
Retail Price	Select a Column
Retail Price Quantity	Select a Column
Product Image URL	Select a Column
Promotional Description	Select a Column
Store ID *	Select a Column

Fields marked with * are required.

ItemNum	ItemName	StoreID	Cost	Price	RetailPrice
0000000000	TAYLOR FLAD TAWNY PORT 750ML	1001	9.50000000	12.99000000	0.00000000
0000070106	SOLE STUFFED SCALLOPS & CRAB	1001	2.70000000	4.25000000	0.00000000
0000070129	CHICKEN LEG & THIGH	1001	1.99000000	2.79000000	0.00000000
00100	DEPOSIT ON KEG	1001	0.00000000	10.00000000	0.00000000
00201	COORS LT KEG 15.5 BBL	1001	50.00000000	74.95000000	0.00000000
00202	COORS LT KEG 7.75 BBL	1001	25.50000000	45.95000000	0.00000000
0044506006	SEA DOG BLUEBRY WHEAT 6 PK	1001	6.50000000	7.99000000	0.00000000
00702	MILLER LT HALF BBL	1001	63.95000000	74.95000000	0.00000000
00704	MILLER LT QUARTER BBL	1001	32.95000000	45.95000000	0.00000000
00948777	HEINEKEN 24 OZ NR	1001	1.65000000	2.99000000	0.00000000

Assign all the required columns via the dropdown and click SAVE when finished.

4 Web Setup

4.1 StoreScan Server Self-Host

This section is for assigning the IP Address and Port Number through which the StoreScan Server Self-Host web service will be accessible.

IMPORTANT: When saving, StoreScan Server will automatically add an inbound firewall rule on a Windows machine to allow connections to the configured port. This only applies to the built-in Windows Firewall. If another firewall is enabled, users must manually add the inbound firewall rule.

Web Setup
This web service is a self-hosted, web application that runs as a service. To complete the self-hosted web service setup, enter a domain/host name and a port. The web service will be available at the URL based on the protocol, domain and port number entered below.

Select an IP Address or Enter a Hostname:

Enter a Port Number: Range: 1025 - 65535

Select an IP Address or enter a Hostname. This field contains a list of IP Addresses available on the current machine. If a Hostname is entered, a DNS server must be available within the network to which each AML kiosk and the server are connected in order to resolve the Hostname.
IMPORTANT: The IP Address must be a static IP Address.

SAVE
Reset Form
v1.5.7172

Then, enter a Port Number in the 'Enter a Port Number' field. The default value is '8080'. The valid Port Number range is 1025-65535.

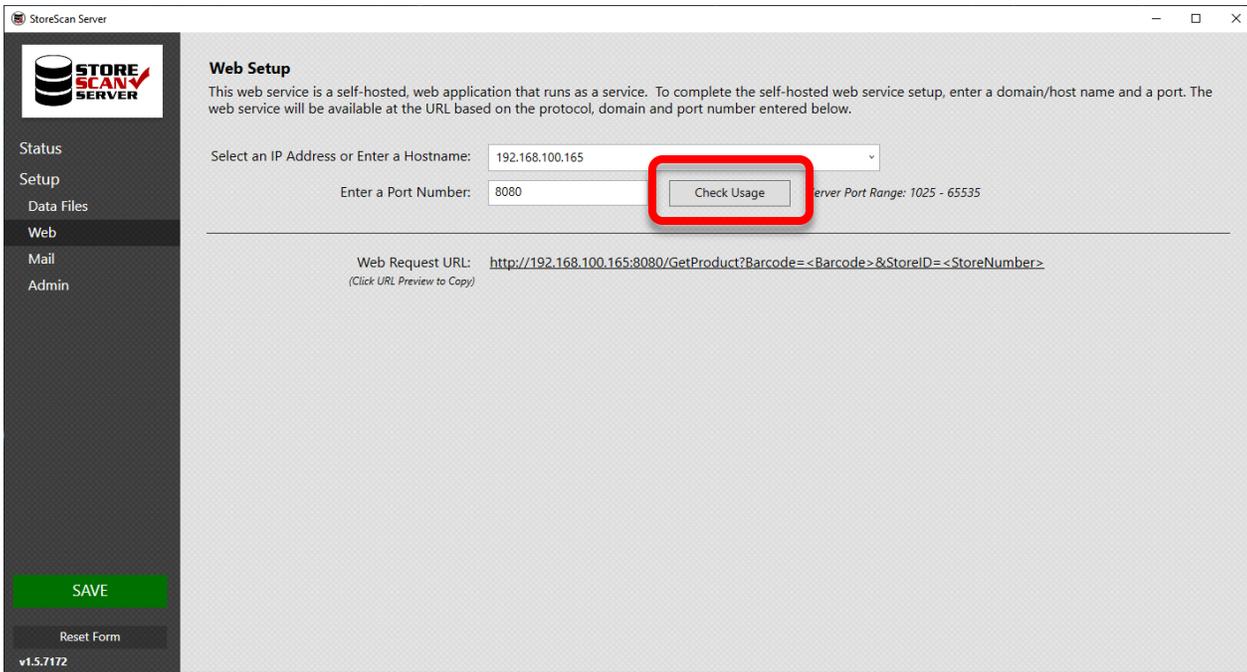
Web Setup
This web service is a self-hosted, web application that runs as a service. To complete the self-hosted web service setup, enter a domain/host name and a port. The web service will be available at the URL based on the protocol, domain and port number entered below.

Select an IP Address or Enter a Hostname:

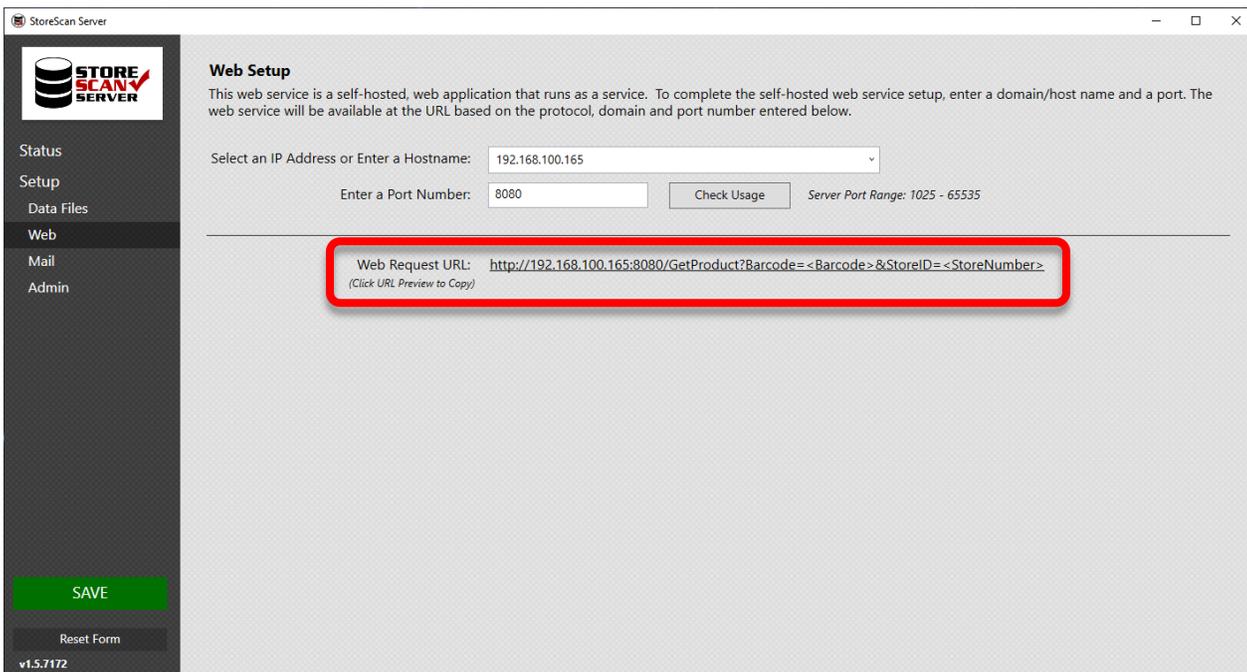
Enter a Port Number: Check Usage Server Port Range: 1025 - 65535

Web Request URL: <http://192.168.100.165:8080/GetProduct?Barcode=<Barcode>&StoreID=<StoreNumber>>
(Click URL Preview to Copy)

Use the 'Check Usage' button beside the 'Port Number' field to ensure the Port Number is available for use.



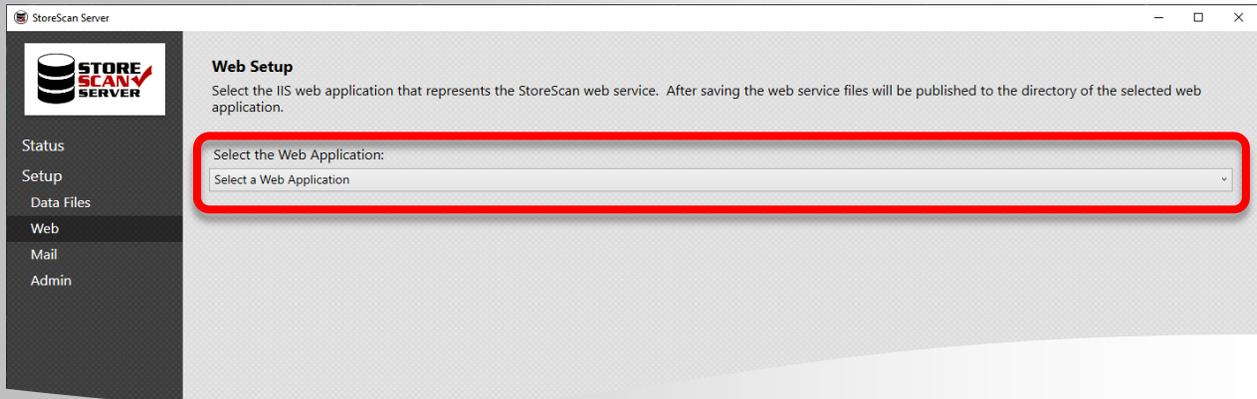
Once the IP Address/ Hostname and a Port Number are entered, click on the 'Web Request URL' preview to copy the URL for use in the StoreScan Kiosk Configurator application.



4.2 StoreScan Server for IIS

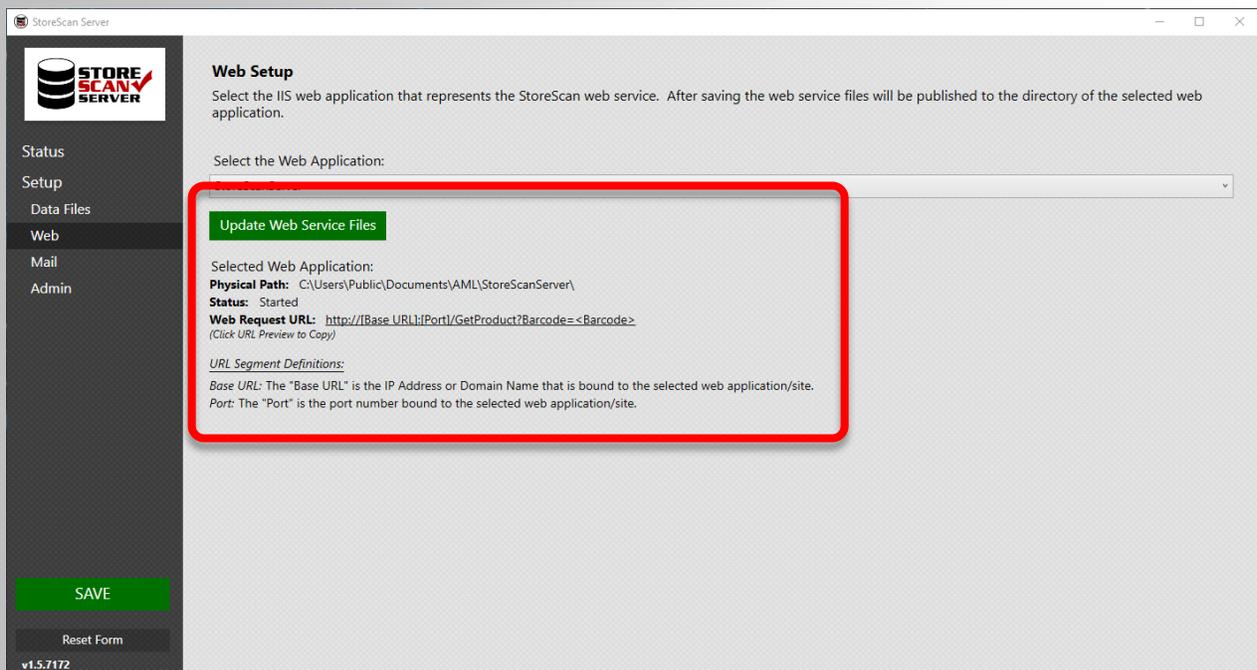
Prior to this, users must set up a web application in IIS. Start this setup by selecting an existing IIS website from the list of web applications in the dropdown list titled, 'Select the Web Application'.

IMPORTANT: An inbound firewall rule to allow connections to the configured port may be required.



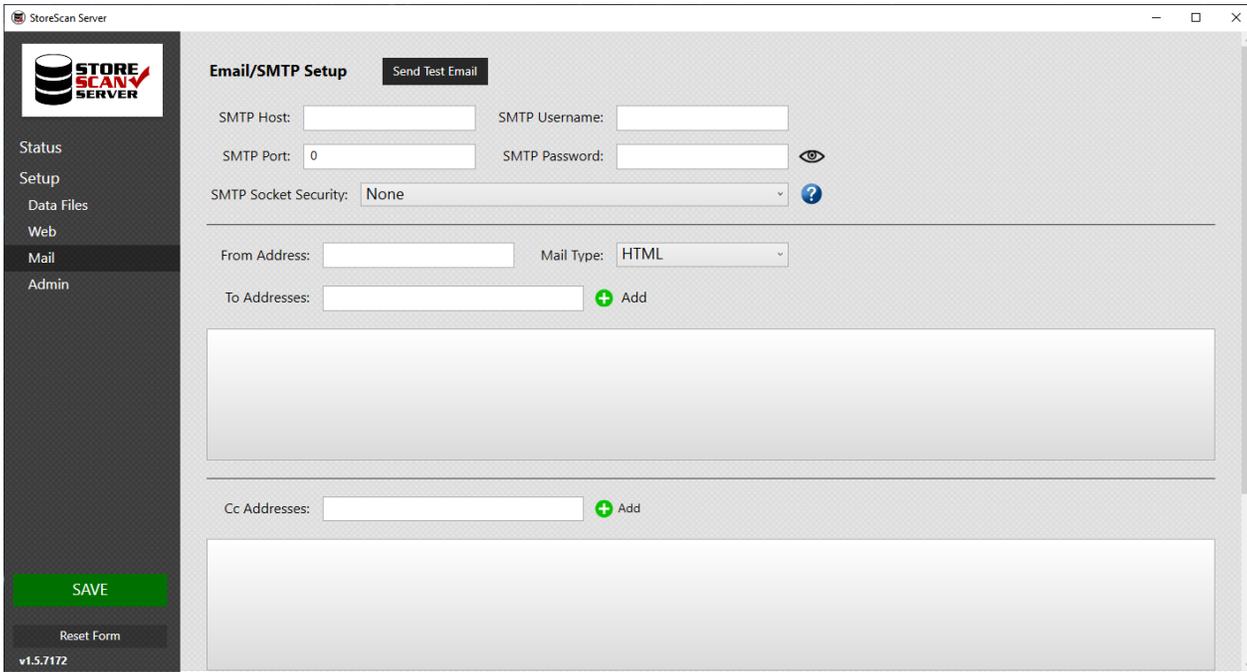
After selecting the desired web application, information about the application will appear below the dropdown field. Users must select 'Update Web Service Files' in order to copy the web service files to the selected web application's physical path. Users can also click the 'Web Request URL' preview to copy the URL for use in the 'Web Request URL' field under the 'Price Check' section of the StoreScan Kiosk Configurator application. However, websites in IIS can be bound to multiple IP Addresses and Ports. Therefore, the 'Web Request URL' preview contains placeholders for the IP/Hostname and Port. The website's 'Status' is also displayed.

ADVANCED



5 Mail Setup (optional)

This section is for configuring settings to forward email notifications for update failures, overdue updates and an update status overview. In order for any of the notifications to be sent, the SMTP Host, SMTP Port, SMTP Username, SMTP Password, From Address and To Address must all be set.

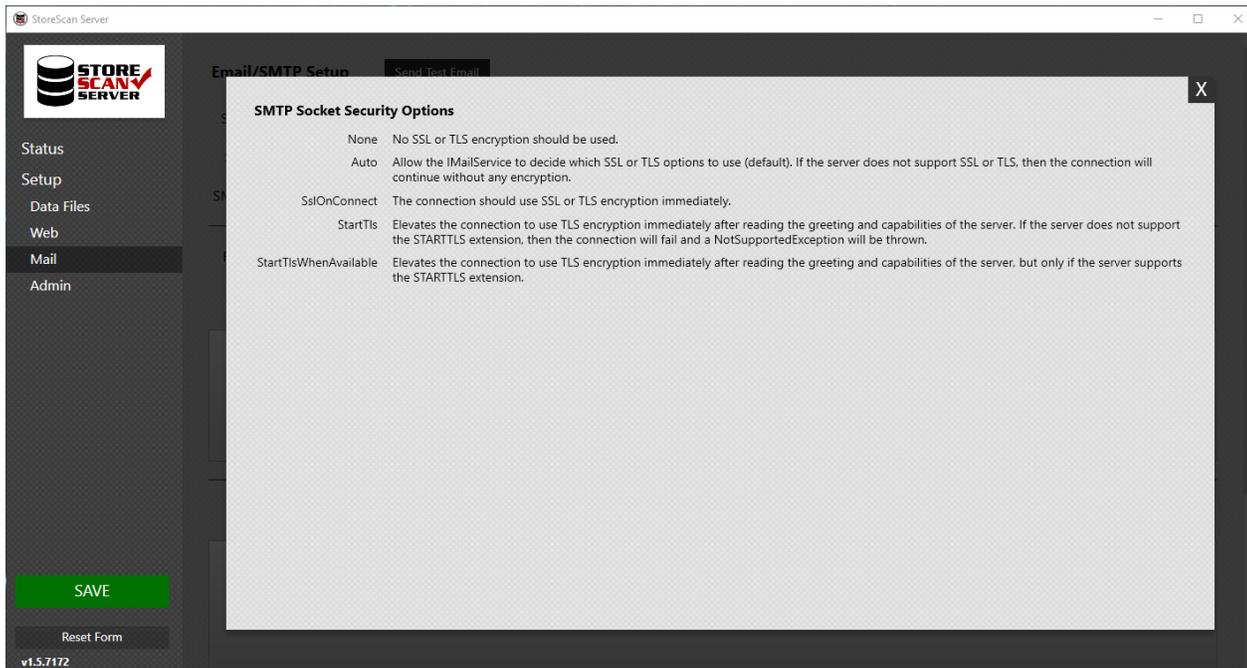


The screenshot shows the 'Email/SMTP Setup' configuration page in the StoreScan Server interface. The page includes a sidebar with navigation options: Status, Setup, Data Files, Web, Mail, and Admin. The main content area is titled 'Email/SMTP Setup' and contains the following fields and controls:

- SMTP Host:** Text input field.
- SMTP Username:** Text input field.
- SMTP Port:** Text input field with the value '0'.
- SMTP Password:** Text input field with an eye icon for visibility toggle.
- SMTP Socket Security:** Dropdown menu set to 'None', with a help icon (?) to its right.
- From Address:** Text input field.
- Mail Type:** Dropdown menu set to 'HTML'.
- To Addresses:** Text input field with a '+ Add' button.
- Cc Addresses:** Text input field with a '+ Add' button.

At the bottom of the page, there is a green 'SAVE' button and a 'Reset Form' button. The version number 'v1.5.7172' is displayed in the bottom left corner.

The 'SMTP Socket Security' setting will depend on the SMTP server's connection settings. For more details about each setting in the dropdown list, select the 'Help' icon (?) beside this field.



The screenshot shows a dialog box titled 'SMTP Socket Security Options' overlaid on the configuration page. The dialog box contains the following information:

Option	Description
None	No SSL or TLS encryption should be used.
Auto	Allow the IMailService to decide which SSL or TLS options to use (default). If the server does not support SSL or TLS, then the connection will continue without any encryption.
SslOnConnect	The connection should use SSL or TLS encryption immediately.
StartTls	Elevates the connection to use TLS encryption immediately after reading the greeting and capabilities of the server. If the server does not support the STARTTLS extension, then the connection will fail and a NotSupportedException will be thrown.
StartTlsWhenAvailable	Elevates the connection to use TLS encryption immediately after reading the greeting and capabilities of the server, but only if the server supports the STARTTLS extension.

The dialog box has a close button (X) in the top right corner. The background configuration page is dimmed and partially visible.

To test the current SMTP settings, users can select the 'Send Test Email' button. A popup will appear describing if the test email was successful or if it failed and why the test email may have failed.

The screenshot shows the 'Email/SMTP Setup' configuration page in the StoreScan Server application. The 'Send Test Email' button is highlighted with a red box. The configuration fields are as follows:

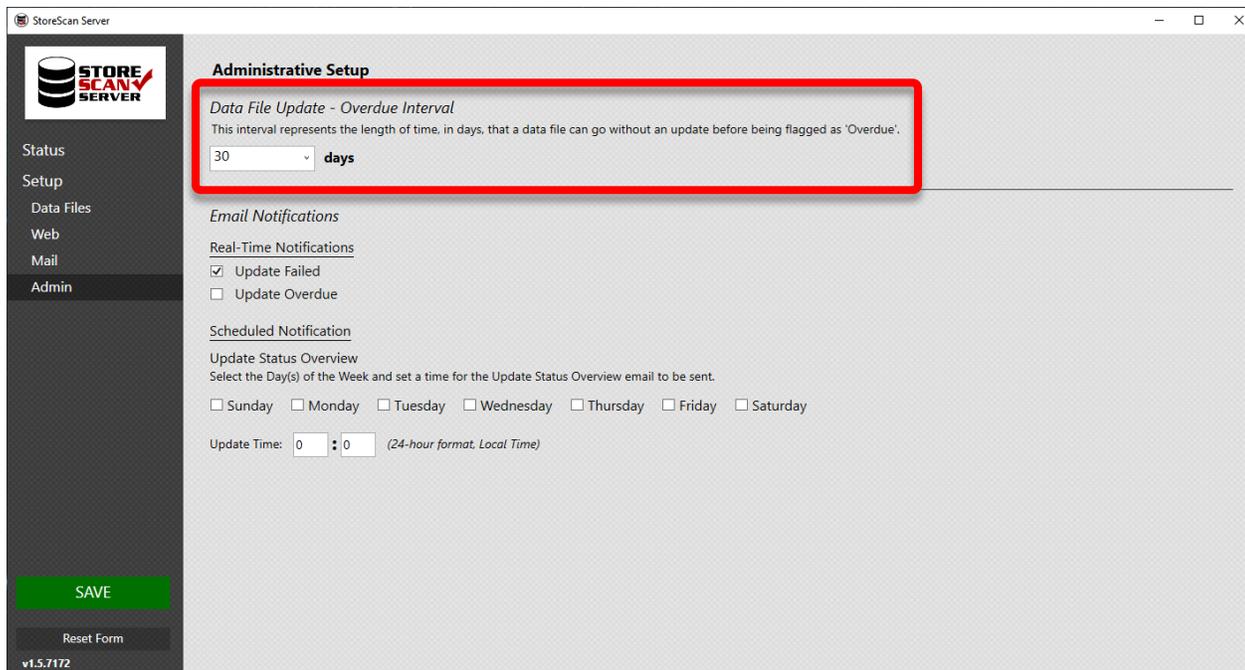
- SMTP Host: smtp.gmail.com
- SMTP Username: storescanserver@gmail.com
- SMTP Port: 587
- SMTP Password: [Redacted]
- SMTP Socket Security: Auto
- From Address: storescanserver@gmail.com
- Mail Type: HTML
- To Addresses: [Empty field] + Add
- Cc Addresses: [Empty field] + Add

At the bottom left, there is a green 'SAVE' button and a 'Reset Form' button. The version number 'v1.5.7172' is displayed at the bottom left corner of the interface.

6 Admin Setup

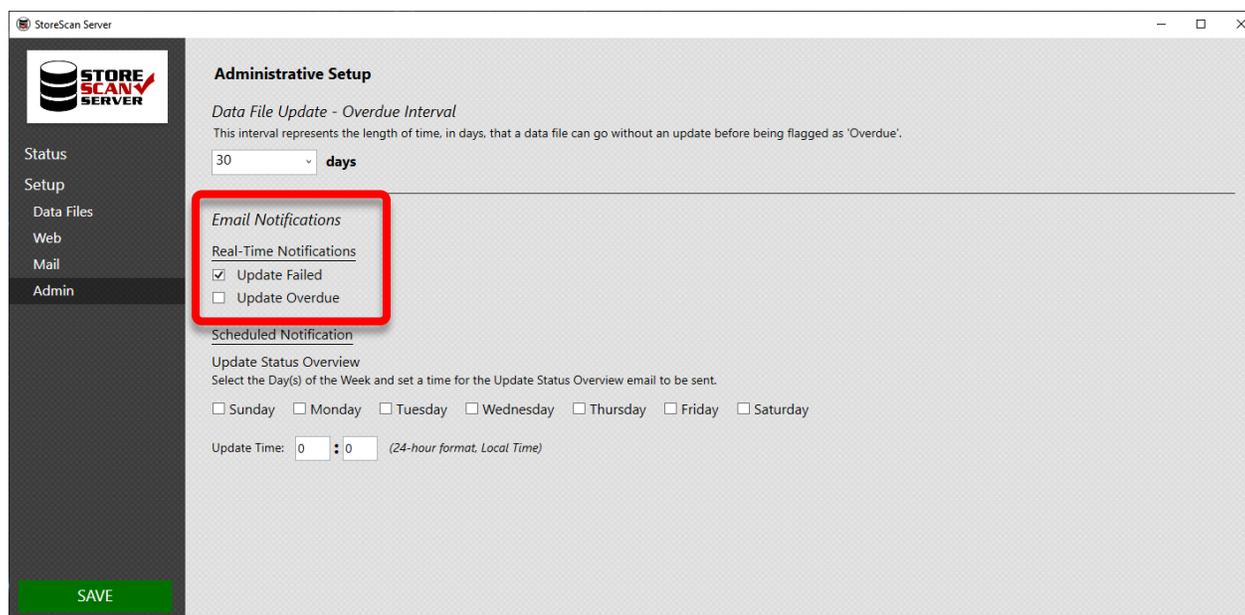
This section is for setting the data file 'Update Overdue Interval' and enabling/disabling email notifications.

The 'Data File Update – Overdue Interval' represents the length of time, in days, that a data file can go without an update before being flagged as 'Overdue'. Users can disable this functionality by selecting 'Never' from the dropdown menu options. The default value is 'NEVER'.



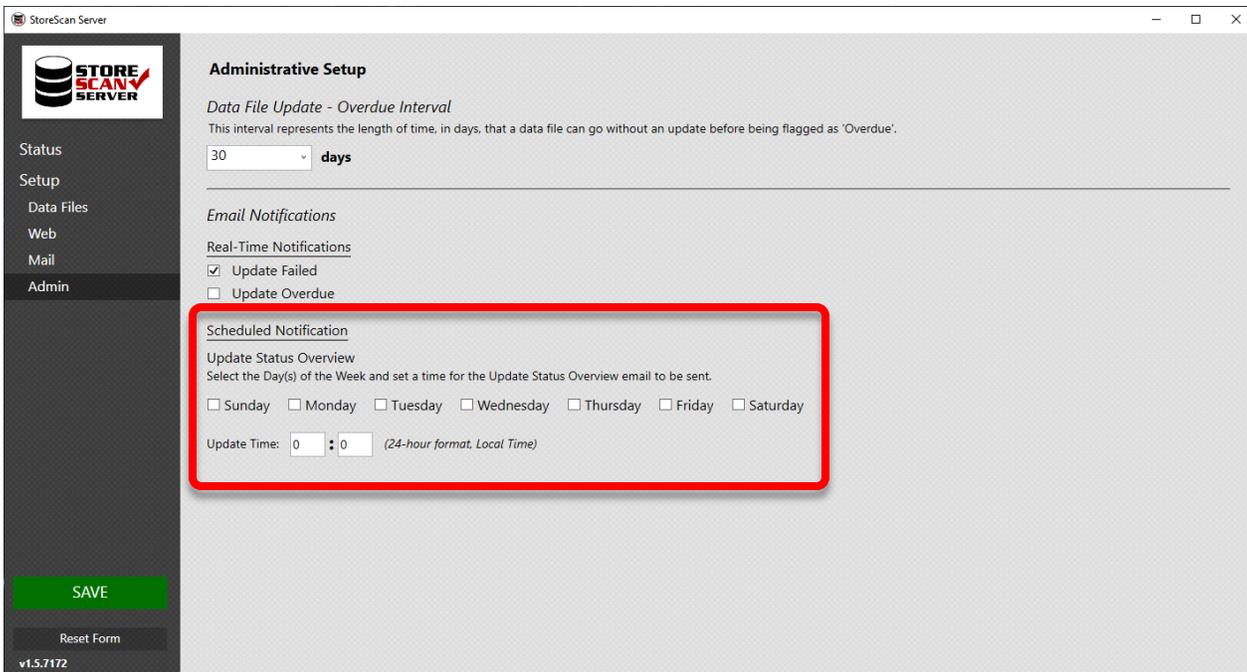
The screenshot shows the 'Administrative Setup' page for StoreScan Server. The 'Data File Update - Overdue Interval' is set to 30 days. The 'Email Notifications' section is highlighted with a red box, showing 'Update Failed' checked and 'Update Overdue' unchecked. The 'Scheduled Notification' section is also visible, with 'Update Status Overview' selected and 'Update Time' set to 0:00.

Enable/Disable "Real-Time Notifications" for Failed and Overdue data file updates. An 'Update Failed' notification will be sent when a data file update was attempted but failed. An 'Update Overdue' notification will be sent when a data file has not been updated in the time span set in the 'Data File Update – Overdue Interval' field. The name and last update time of the failed or overdue update will be displayed in the email.



The screenshot shows the 'Administrative Setup' page for StoreScan Server. The 'Data File Update - Overdue Interval' is set to 30 days. The 'Email Notifications' section is highlighted with a red box, showing 'Update Failed' checked and 'Update Overdue' unchecked. The 'Scheduled Notification' section is also visible, with 'Update Status Overview' selected and 'Update Time' set to 0:00.

To enable the 'Update Status Overview' email under "Scheduled Notifications", select the day(s) and set a time of day, in 24-hour format, that the 'Update Status Overview' email will be sent.



Example 'Update Overdue' Email

StoreScan Server - Update Overdue Notice

Data File Name: **../Grocery_UPC_Database.csv**
 Last Update Time: 9/13/2019 15:39:29 PM

Example 'Update Failed' Email

StoreScan Server - Update Failure Notice

Data File Name: **../Grocery_UPC_Database.csv**
 Time/Date: 9/25/2019 12:21:17 PM

Example 'Update Status Overview' Email

StoreScan Server - Weekly Update Status Overview

Data File Update Status:

Table Name	Status	Last Update Time
Master_Info	Success	9/24/2019 15:31:18 PM

7 Appendix

7.1 Example JSON Web Response Object

The JSON object shown below is an example of a web response that StoreScan Server will return.

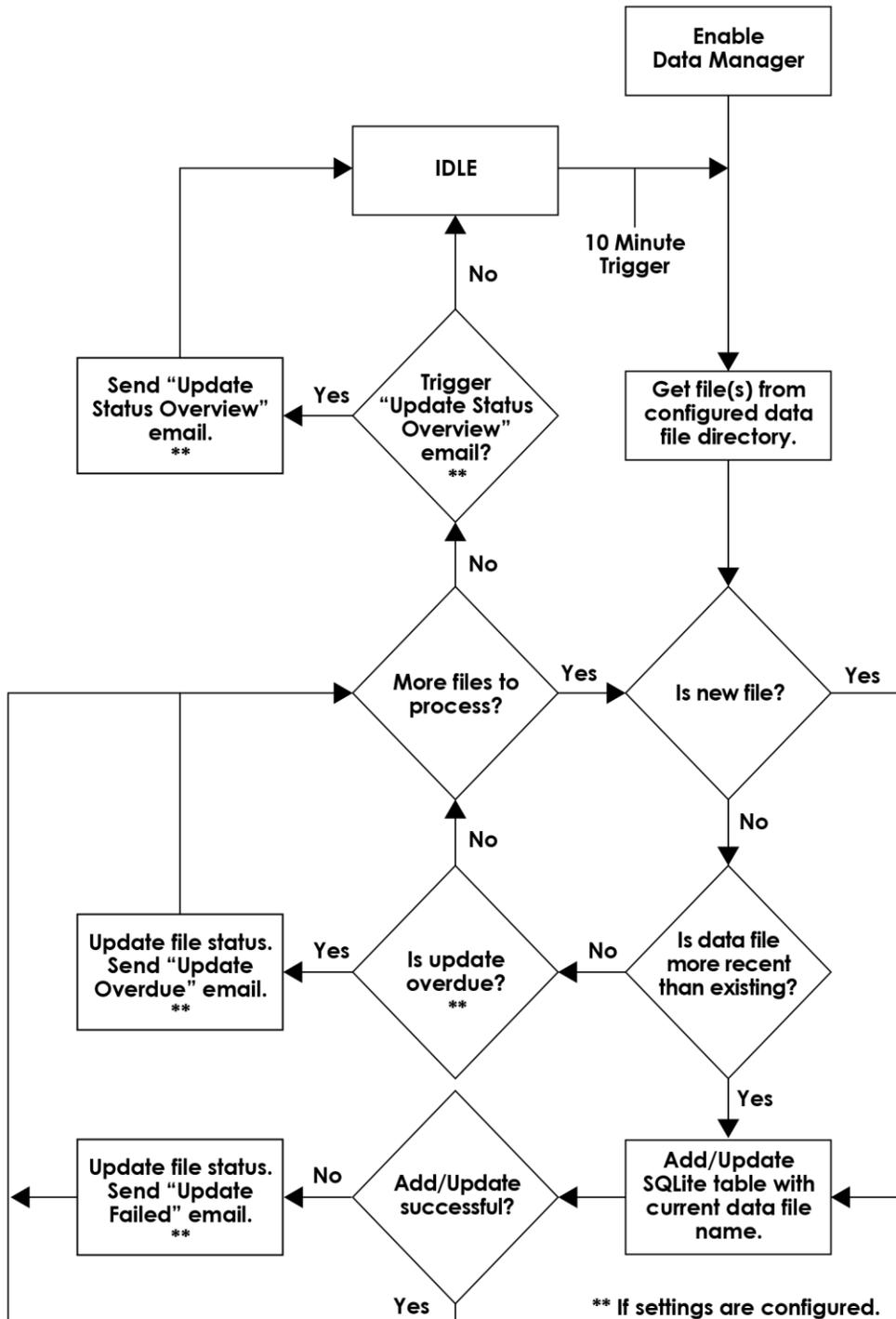
Example JSON Web Response:

```
{
  "Barcode": "026388010011",
  "Name": "Tennis Balls",
  "DetailedDescription": "Head to the court with these Championship Tennis Balls. They are designed for excellent performance on both indoor and clay courts. Constructed from Dura-weave felt, they are extremely durable and made to endure even the most rigorous games. Included are three tennis balls.\r\n\r\nChampionship Extra Duty Tennis Balls - 1 Can of 3 Balls:\r\n\r\nThe traditional performance standard\r\n\r\n - Exclusive Dura-weave felt\r\n\r\n - Excellent performance and durability on clay/indoor courts\r\n\r\n - Tennis balls are available in regular duty, heavy duty and high altitude\r\n\r\n - Includes 3 balls",
  "ActualPrice": "4.39",
  "ActualPriceQuantity": "2",
  "RetailPrice": "6.99",
  "RetailPriceQuantity": "2",
  "ProductImageUrl": "https://www.amltd.com/images/tennis_balls.png",
  "PromoDescription": null
}
```

7.2 Data Manager (Local System Service)

7.2.1 How it Works

The 'Data Manager' is an application running as a local system service. It handles the updating of data file(s) and sending email notifications, if configured. The process shown below will run every 10 minutes.



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