



Electronic Check Processing and Remote Deposit System



TS230-65 Digital Check Scanner Configuration and Installation Guide



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1. PRE-INSTALLATION CHECKLIST

Take this opportunity to fill out the Pre-Installation Checklist below to be sure that you have all the requirements needed for a successful scanner installation.

NOTE: You must have **Administrative Privileges*** on your PC to perform the installation. If you are not sure if you have administrative privileges or if your system does not meet the requirements below, please check with your PC support staff before proceeding.

PRE-INSTALLATION CHECK LIST	
OPERATING SYSTEM (Please check one)	
Windows 2000	<input type="checkbox"/>
or	
Windows XP	<input type="checkbox"/>
INTERNET EXPLORER (Please check one)	
For the latest version of IE, go to www.microsoft.com	
6.0	<input type="checkbox"/>
or	
7.0	<input type="checkbox"/>
INTERNET CONNECTION	
High-Speed (DSL, Cable,T1)	<input type="checkbox"/>
JAVA (Please check one)	
For the latest java version, go to www.java.com	
Microsoft VM	<input type="checkbox"/>
or	
JVM	<input type="checkbox"/>
SYSTEM SPECS	
Minimum Requirements	
CPU 1.8 GHZ	<input type="checkbox"/>
RAM 128 MB	<input type="checkbox"/>
Port USB 1.1	<input type="checkbox"/>
Recommended	
CPU 2.8 GHZ	<input type="checkbox"/>
RAM 256 MB	<input type="checkbox"/>
Port USB 2.0	<input type="checkbox"/>
My PC	
CPU ____ GHZ	
RAM ____ MB	
Port USB ____	
SCREEN RESOLUTION	
Works best with screen resolution 1024x768	

*Administrative Privileges is the ability to change the computers configuration and install new software applications.

2. SCANNER INSTALLATION ASSISTANCE FORM

If you have difficulty installing your scanner, please complete and send the Scanner Installation Assistance Form to Secure Payment Systems Technical Support Department via fax (858) 549-1323 or email support@securepaymentsystems.com.

File Code:		Product:	<input type="checkbox"/> ARC <input type="checkbox"/> IRD
Scanner Model:		Serial #:	
COMPANY INFORMATION			
Company Name / Location (City/State):			
Installer Name & Number:			
IT / Network ADMIN (If any):			
Data Processor (If any):			
Type of Company:			
COMPUTER INFORMATION			
If you have difficulty answering the questions below, please contact your PC support staff.			
Operating System: <input type="checkbox"/> WIN XP <input type="checkbox"/> WIN 2000 Ver. _____ Service Pack: _____			
1. Does installer have Administrative Rights?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
2. Does computer have a USB Port?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
3. Do you have Internet Explorer 5.5 or above?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
4. Type of Internet Connection:	<input type="checkbox"/> DSL	<input type="checkbox"/> CABLE	<input type="checkbox"/> T1 <input type="checkbox"/> OTHER _____
5. Is there a Fire Wall?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
6. Is the Pop-Up Blocker turned off?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
.....			
Please choose a date and time for an installation walk through.			
Date:	Day:	Time:	Time Zone: _____
Comments: _____			

3. ABOUT SECURE PAYMENT SYSTEMS

3.1 THE COMPANY

Secure Payment Systems is a transaction processing and risk management company that specializes in the needs of small and midsize businesses. In addition to traditional point-of-sale transaction processing, we offer electronic check conversion, gift and loyalty card processing, a proprietary ATM debit payroll / international funds transfer card, as well as an array of sophisticated web-based products including a recurring debit and credit platform and the popular check21 solution. In other words, Secure Payment Systems provides you with affordable solutions that you need to compete with the retail elite.

Secure Payment Systems is helping business change the way it operates – implementing enhanced check fraud algorithms, focusing on new customer marketing strategies, maximizing untapped opportunity, protecting profits and increasing revenues. And that is no small change.

3.1.1 CUSTOM TAILORED APPLICATIONS

SPS products and services are highly scalable and adaptable within all business environments via our secure state-of-the-art, web based software. We understand that one size does not fit all. No matter what your business, SPS can custom tailor a payment solution to meet your specific needs so you can benefit from electronic processing technologies. We fully integrated and enhanced the functionality of our products and services to specifically meet the needs of merchants, banks, financial institutions, collection agencies, property management companies, and more.

3.1.2 SPS CONTACT LIST

For more information on our various solutions, contact a SPS representative at: 1.888.313.7842.

Technical Support

support@securepaymentsystems.com

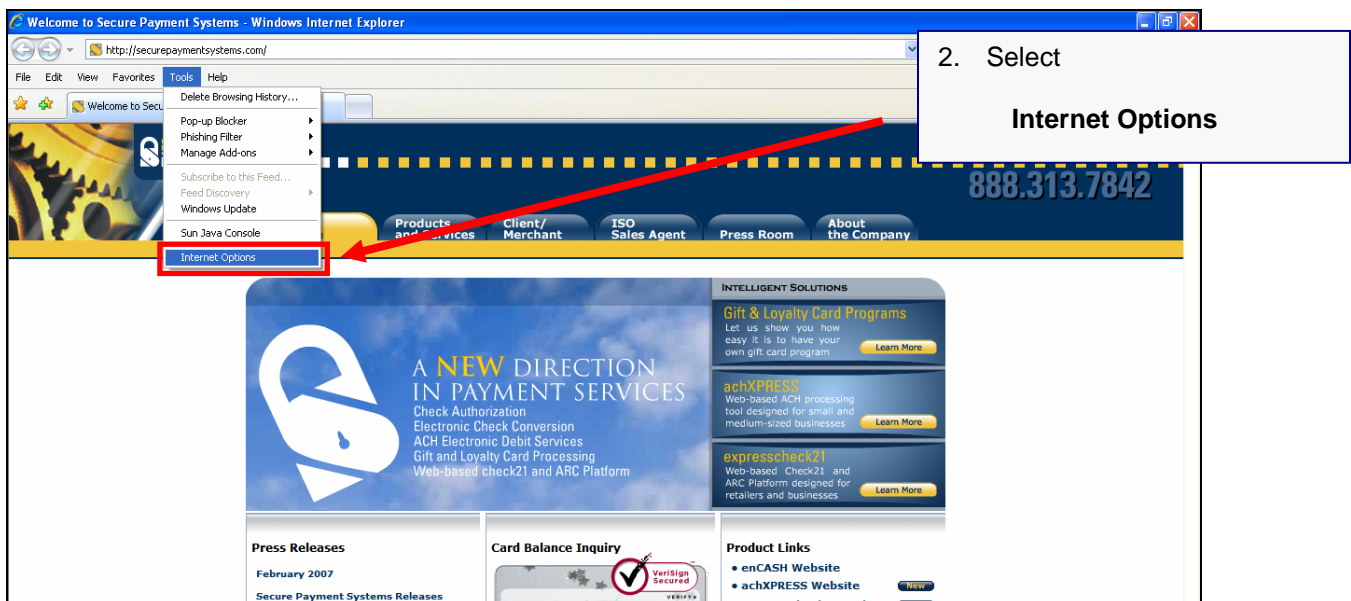
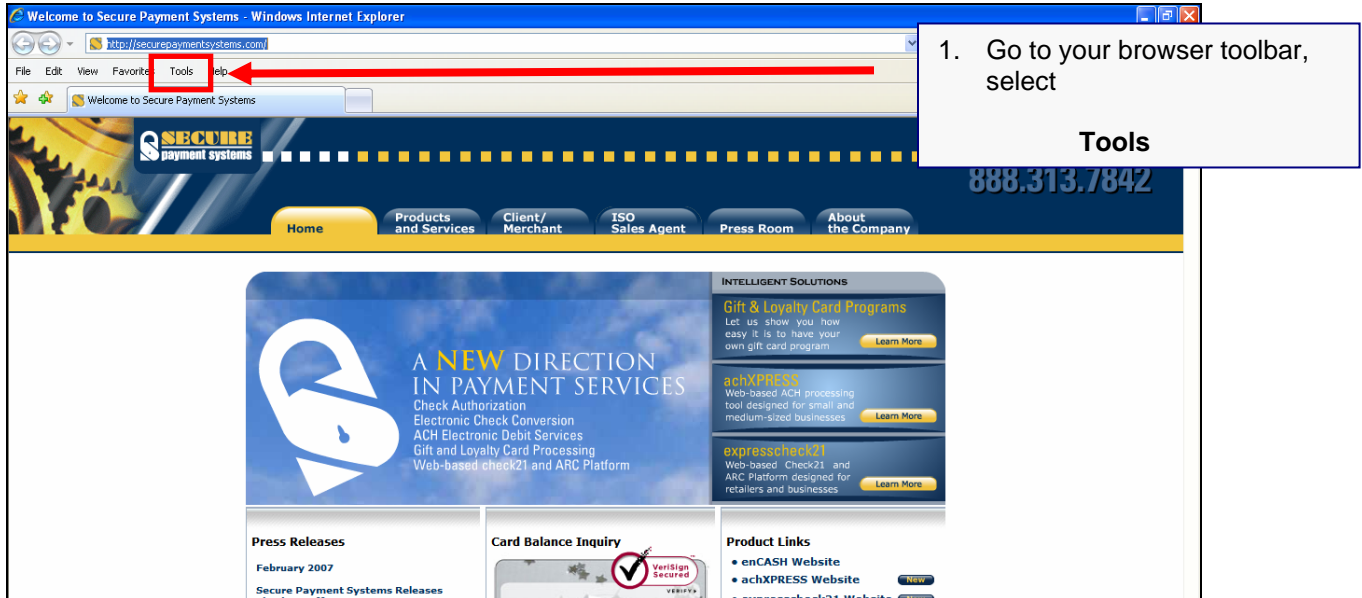
Sales and Marketing

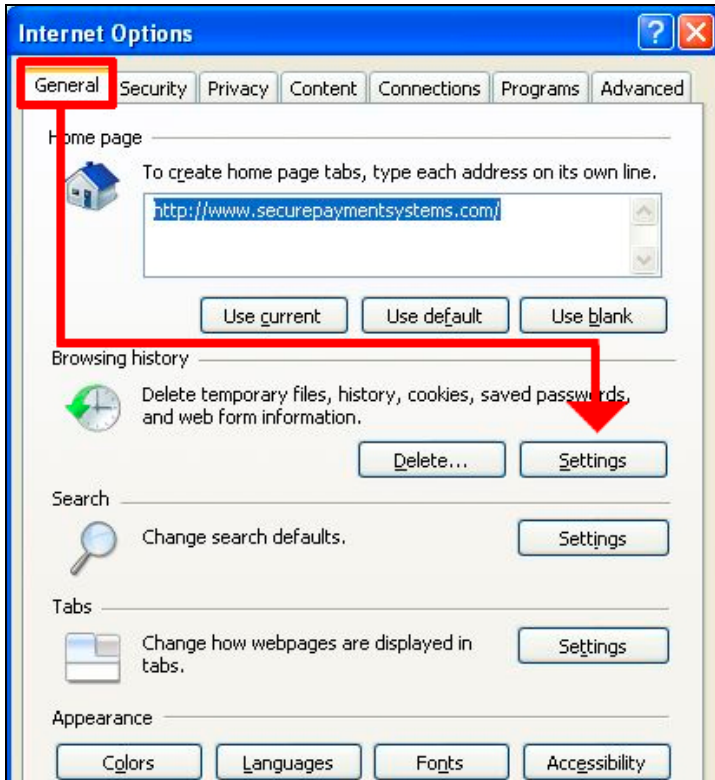
sales@securepaymentsystems.com

4. WEB BROWSER CONFIGURATION

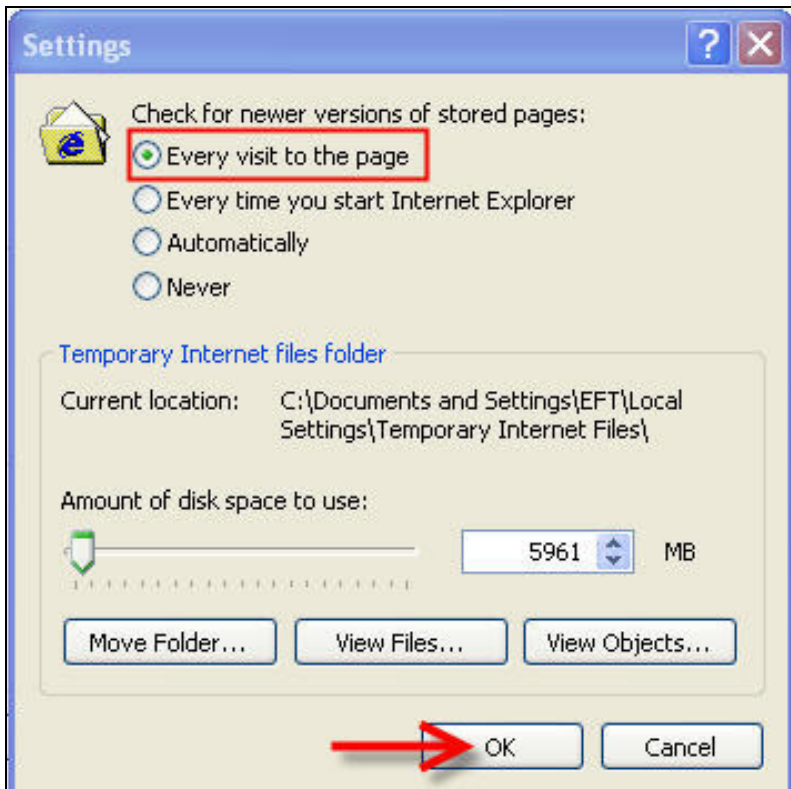
The following are detailed instructions to ensure your Page Refresh settings are configured properly.

4.1 WEB BROWSER SETTINGS



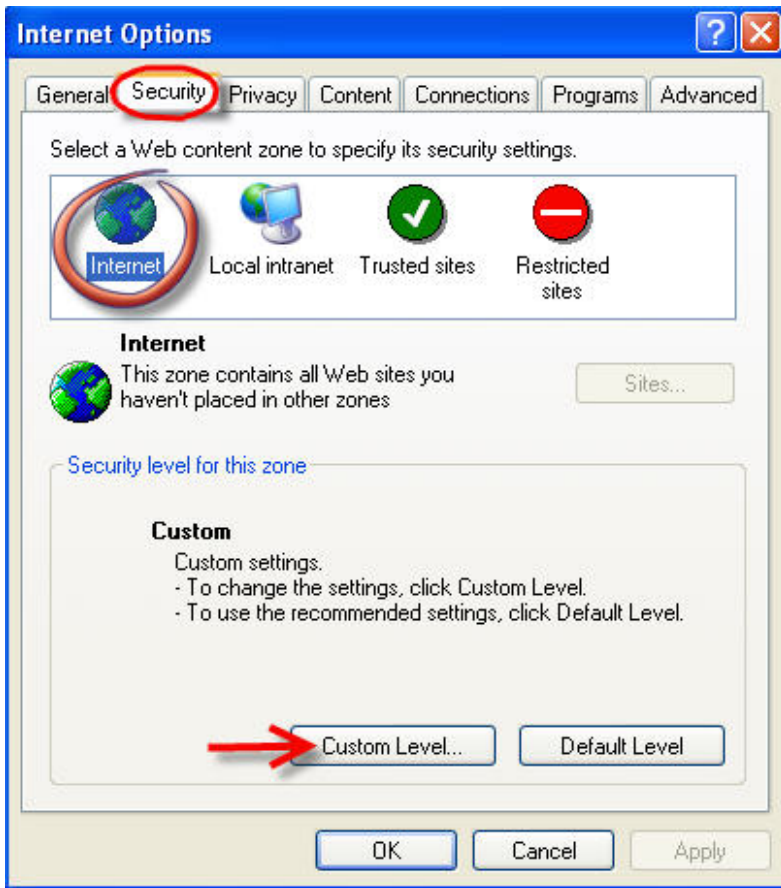


- 3. On the Internet Options window go to General Tab and select **Settings**



- 4. In the Settings window, under Check for newer versions of stored pages, select **Every visit to the page**
- 5. Select **OK**

4.2 ACTIVEX CONTROLS



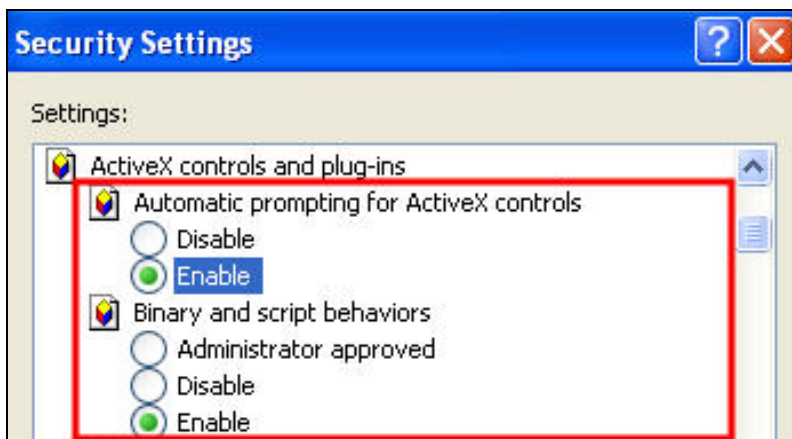
6. On the Internet Options window go to the Security tab, highlight

Internet
7. Select

Custom Level

4.2.1 ACTIVEX CONFIGURATION SETTINGS

On PC's running Windows XP-SP2, the following two setting options will appear, before the other five listed below, and should have the configuration settings noted:



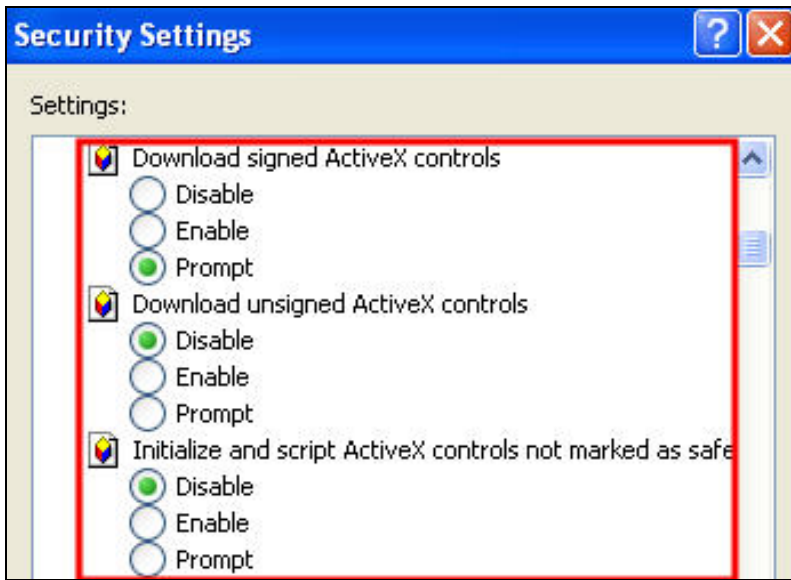
- Security Settings window will automatically appear.
8. Scroll down to section

ActiveX controls and plug-ins
 9. Automatic Prompting for ActiveX controls:

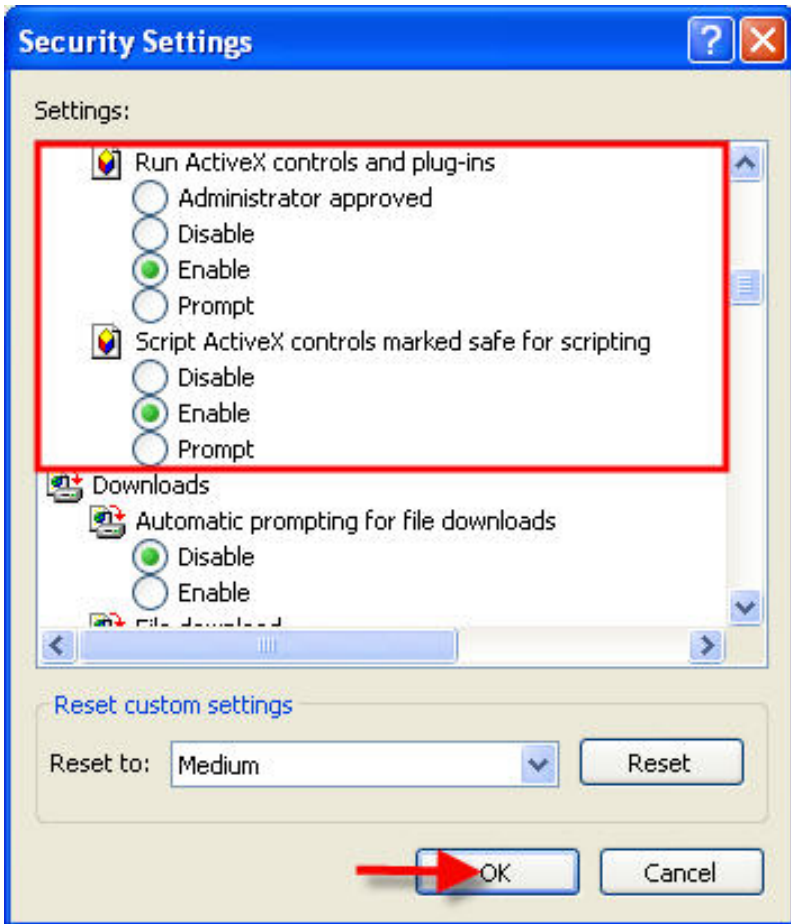
Enable
 10. Binary and script behaviors:

Enable

On all PC's, the following five setting options will appear and should have the configuration settings noted:



- 11. Download signed ActiveX controls:
Prompt
- 12. Download unsigned ActiveX controls:
Disable
- 13. Initialize and script ActiveX controls not marked as safe:
Disable



- 14. Run ActiveX controls and plug-ins:
Enable
- 15. Script ActiveX controls marked safe for scripting:
Enable
- 16. To save the changes, select
OK



The Internet Options window will automatically appear.

17. Close the Internet Options window by selecting

OK or Apply

4.3 CUSTOMER LOGIN

1. Launch your internet browser and go to:
www.securepaymentsystems.com
2. On the right hand side, select **expresscheck21 Website**

4.3.1 LOGIN PAGE

3. Enter your:
 - File Code
 - User Name
 - Password

Note: Password is Case Sensitive, All Caps are required.
4. And then select **Enter**

4.3.2 EXPRESSCHECK21 - ELECTRONIC CHECK PROCESSING SYSTEM

Welcome to the Processing System.

The current time at the server is 16:42:37 as per the Atomic Clock

ACH Transactions
Cutoff time for ACH transactions is 18:00:00 Eastern (6:00PM) Daily.
ACH transactions received before 18:00:00 Daily are guaranteed to be transmitted the same day.
You have 1 Hr 17 Min 23 Sec left before the next ACH Cutoff.

Draft Transactions
Cutoff time for Draft transactions is 17:00:00 Eastern (5:00PM) Daily.
Draft transactions received before 17:00:00 Daily are guaranteed to be transmitted the same day.
You have 17 Min 23 Sec left before the next Draft Cutoff.

Results Status : Results for today, Friday, February 23rd, 2007, are now available.

System Messages :
The current server processing date is : 2/23/07
Transactions submitted now will be processed on this date.

5. The Welcome to the Processing System page will appear.
In the left frame, select **Support**

4.4 TEST YOUR BROWSER SETTINGS

Support

[System Calendar](#) - Monthly calendar of weekdays, weekends, and holidays.

[Web Browser Test Suite](#)

[List of return codes with explanations](#)

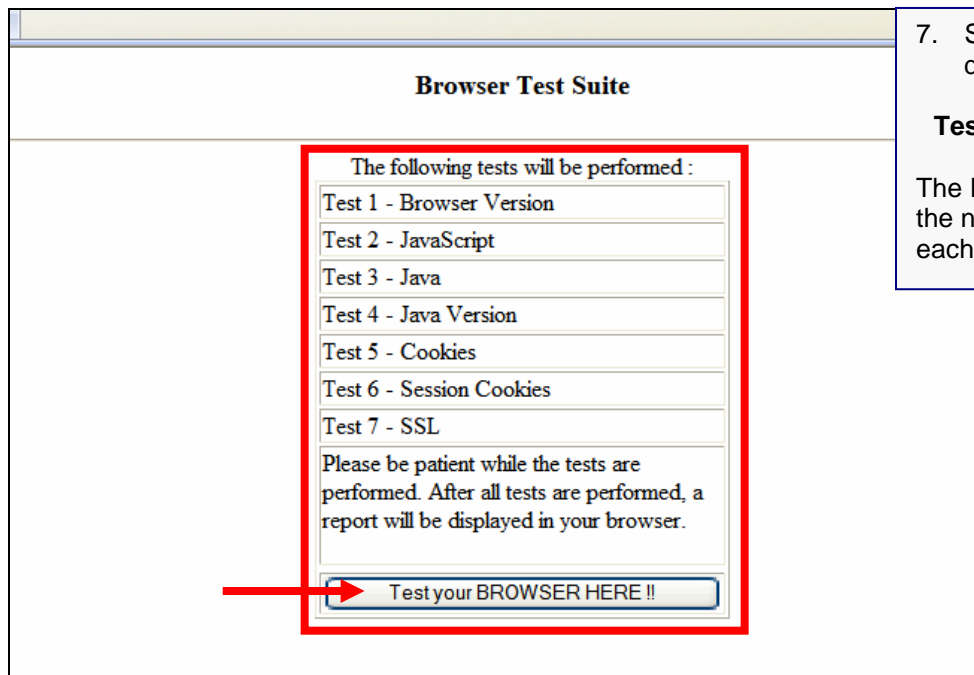
[Scanner and Demo Downloads](#)

Address :
Secure Payment Systems
10650 Scripps Ranch Blvd. Suite 109
San Diego, CA 92131

Support Phone Number : 1-888-313-7842

Support Email : support@securepaymentsystems.com

6. On the right hand side select **Web Browser Test Suite**



7. Seven browser tests will be displayed, select

Test your BROWSER HERE!!

The Results will be displayed on the next screen, with a status for each test.

Results of browser test suite

Test	Status	Additional Information
Test 1 - Browser Version	PASSED	MSIE - Version 6.0 USER_AGENT : Mozilla/4.0 (compatible; MSIE 6.0; Windows NT 5.1;
Test 2 - JavaScript	PASSED	
Test 3 - Java	PASSED	
Test 4 - Java Version	PASSED	Current Java Version : 1.5.0_06(Sun)
Test 5 - Cookies	PASSED	
Test 6 - Session Cookies	PASSED	
Test 7 - SSL	PASSED	

8. If your browser is configured properly, all seven will display

PASSED

9. Close the Results of browser test suite window.

If one status displays something other than **PASSED** or if the test seems to hang, refer to [Appendix A. Browser Settings Addendum](#) for details of browser setting configuration.

Secure Payment Systems
User : TEDZ

[System Messages](#)
[User Manager](#)
[Credits/Debits To Your Accounts](#)
[Results](#)
[Combined Daily Returns](#)
[ARC System](#)
[IRD System](#)
[Support](#)
[Logout](#)

Browser Test Suite

The following tests will be performed :

- Test 1 - Browser
- Test 2 - JavaScript
- Test 3 - Java
- Test 4 - Java Version
- Test 5 - Cookies
- Test 6 - Session Cookies
- Test 7 - SSL

Please be patient while the tests are performed. After all tests are performed, a report will be displayed in your browser.

Test your BROWSER HERE !!

Support
10. On the left panel, select

5. TS230-65 DRIVER DOWNLOADS

5.1 SCANNER AND DEMO DOWNLOADS

Secure Payment Systems
User : TEDZ

[System Messages](#) [System Calendar](#) - Monthly calendar of weekdays, weekends, and holidays.

[User Manager](#) [Web Browser Test Suite](#)

[Credits/Debits To Your Accounts](#) [List of return codes with explanations](#)

[Results](#) **[Scanner and Demo Downloads](#)**

[Combined Daily Returns](#)

[ARC System](#) Address :

[IRD System](#) Secure Payment Systems
10650 Scripps Ranch Blvd. Suite 109
San Diego, CA 92131

[Support](#) Support Phone Number : 1-888-313-7842

[Logout](#) Support Email : support@securepaymentsystems.com

1. On the Support page, select **Scanner and Demo Downloads**

5.1.1 DOWNLOAD TS230-65 DRIVER

Secure Payment Systems **Scanner and Demo Download**
User : TEDZ

[System Messages](#) [Scan Demo Download](#)

[User Manager](#) [TS350 / TS400ES Drivers](#)

[Credits/Debits To Your Accounts](#) [ASPI Installation](#)

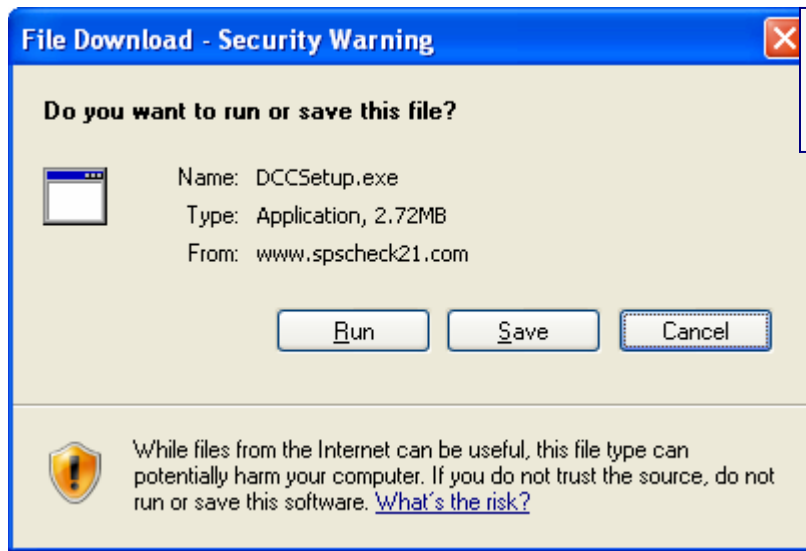
[Results](#) **[TS220e/230 Driver Download](#) - Installs updates to the DCC DLLs for TS220e and TS230 scanners.**

[Combined Daily Returns](#) [Magtek Utility](#)

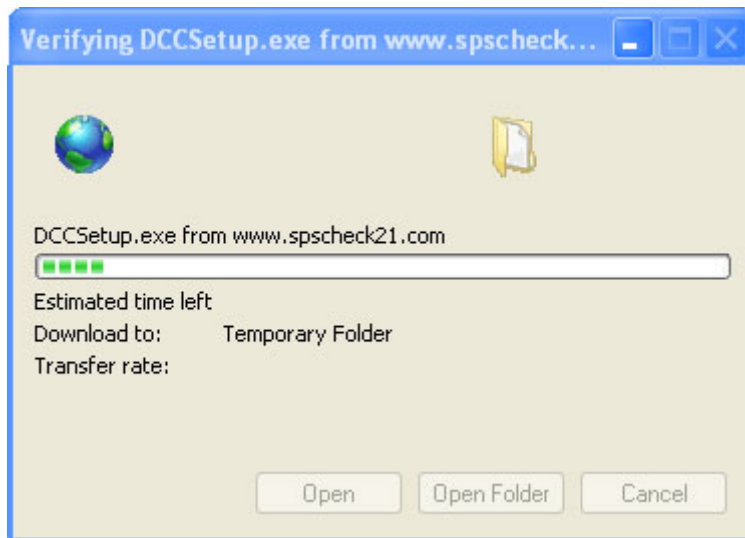
[ARC System](#)

[IRD System](#)

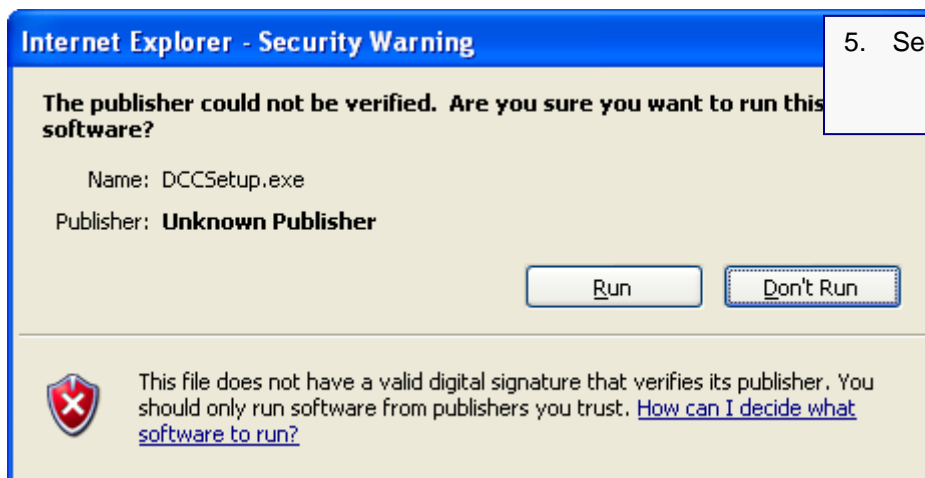
2. Select **TS230-65 Driver Download**



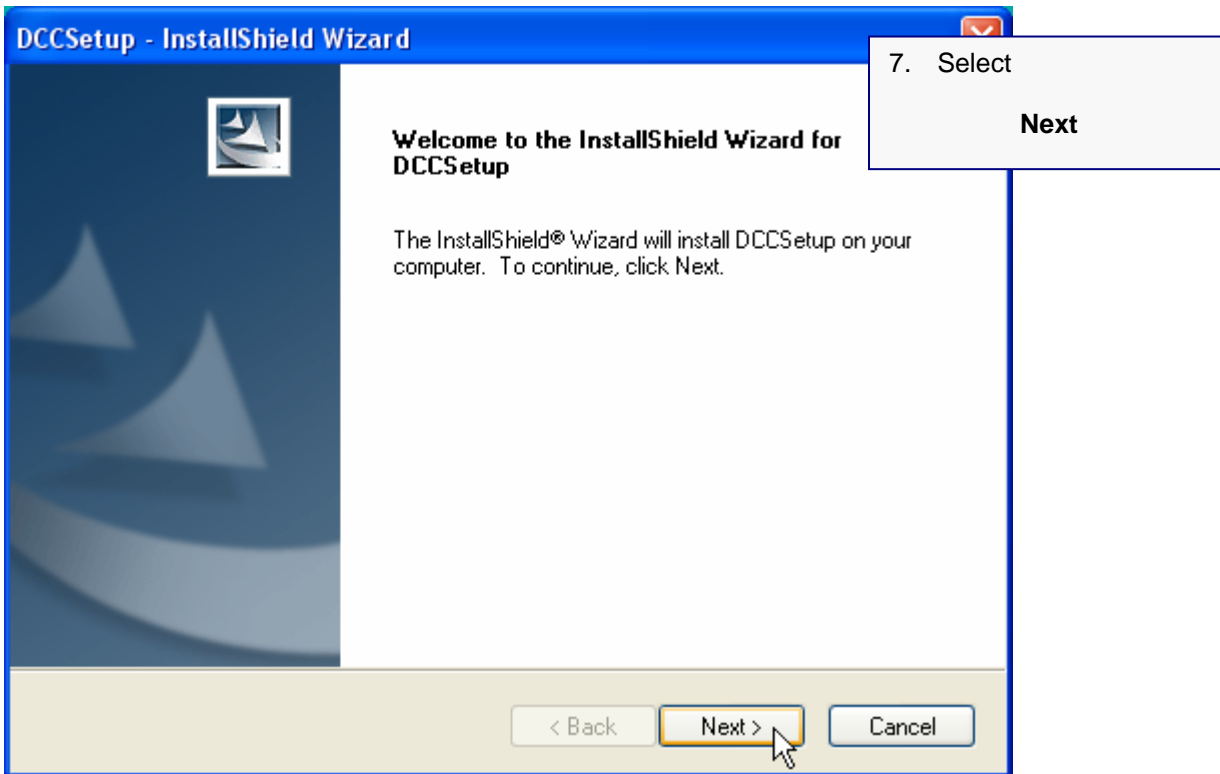
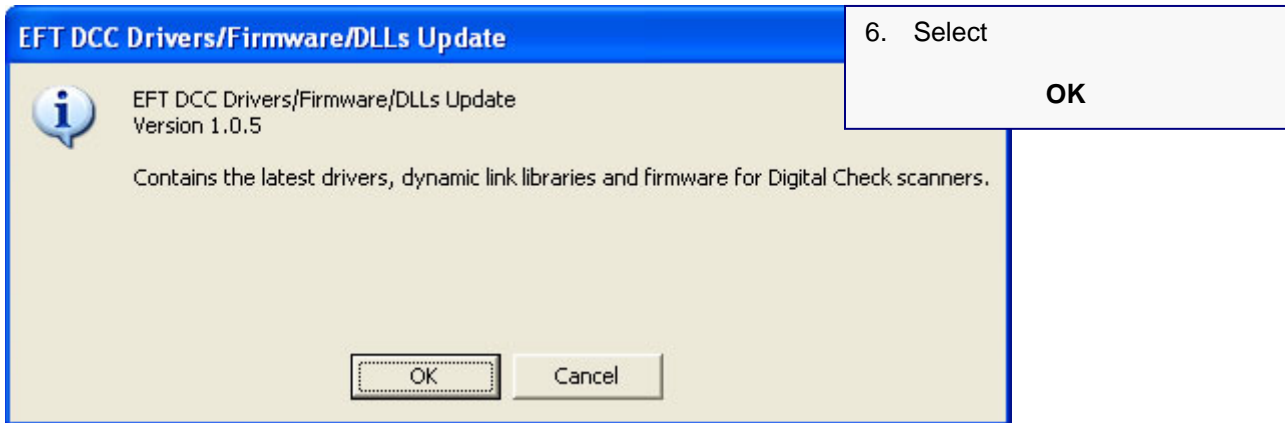
3. File Download – Security Warning pop up window will appear, select **Run**



4. Wait for the download to complete.



5. Select **Run**



Ready to Install the Program

The wizard is ready to begin installation.

Click Install to begin the installation.

If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.

InstallShield

< Back Install Cancel

Preparing to Install window will appear.

8. Select **Install**

DCCSetup - InstallShield Wizard

InstallShield Wizard Complete

The InstallShield Wizard has successfully installed DCCSetup. Click Finish to exit the wizard.

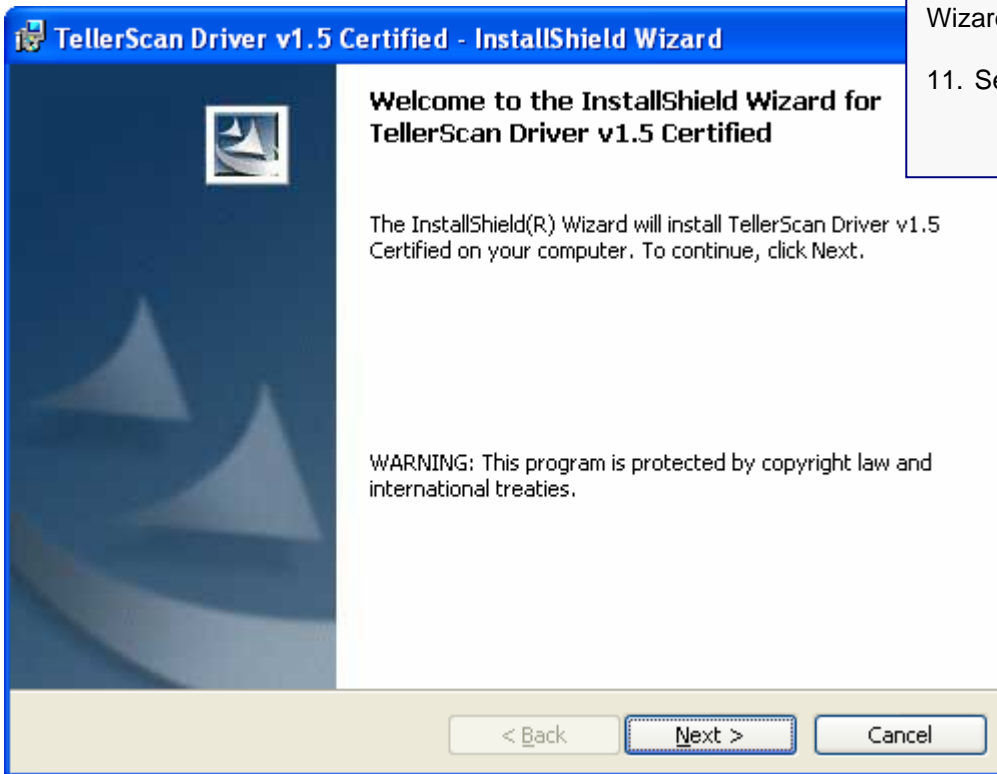
< Back Finish Cancel

InstallShield Wizard is complete

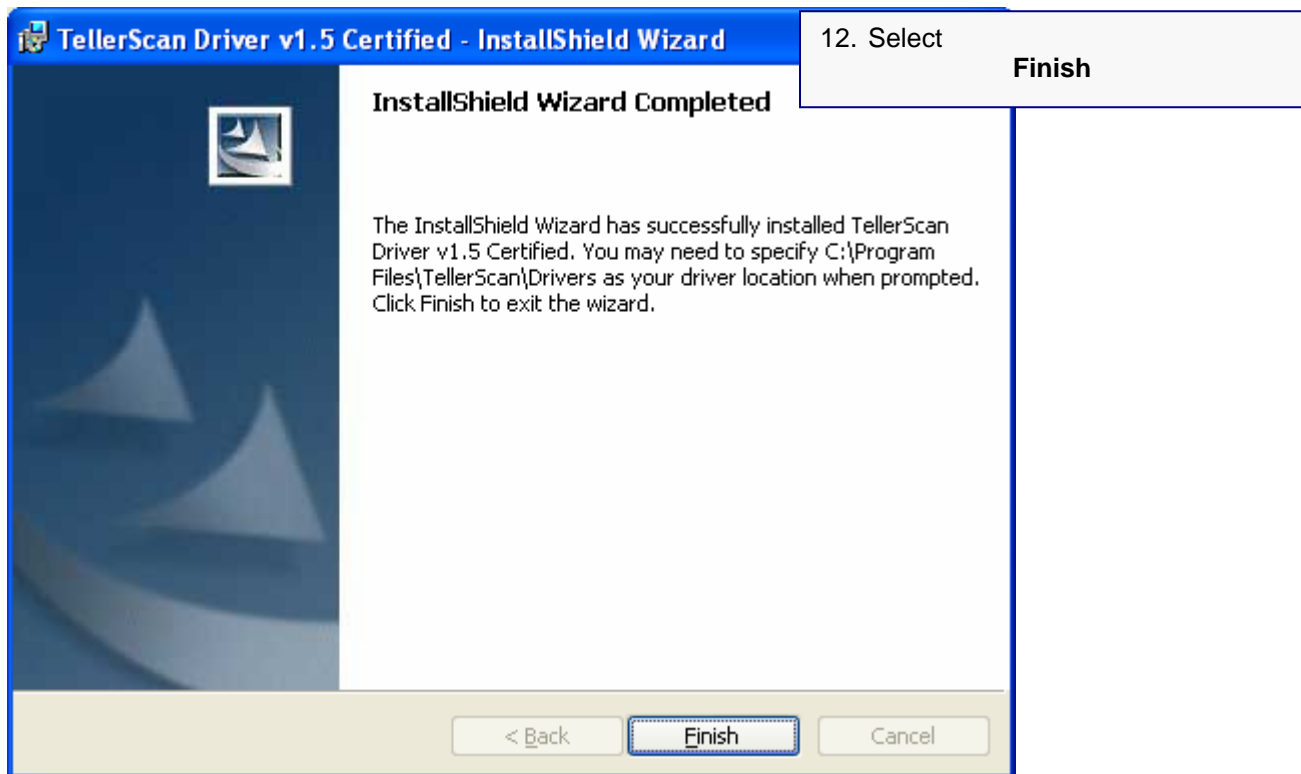
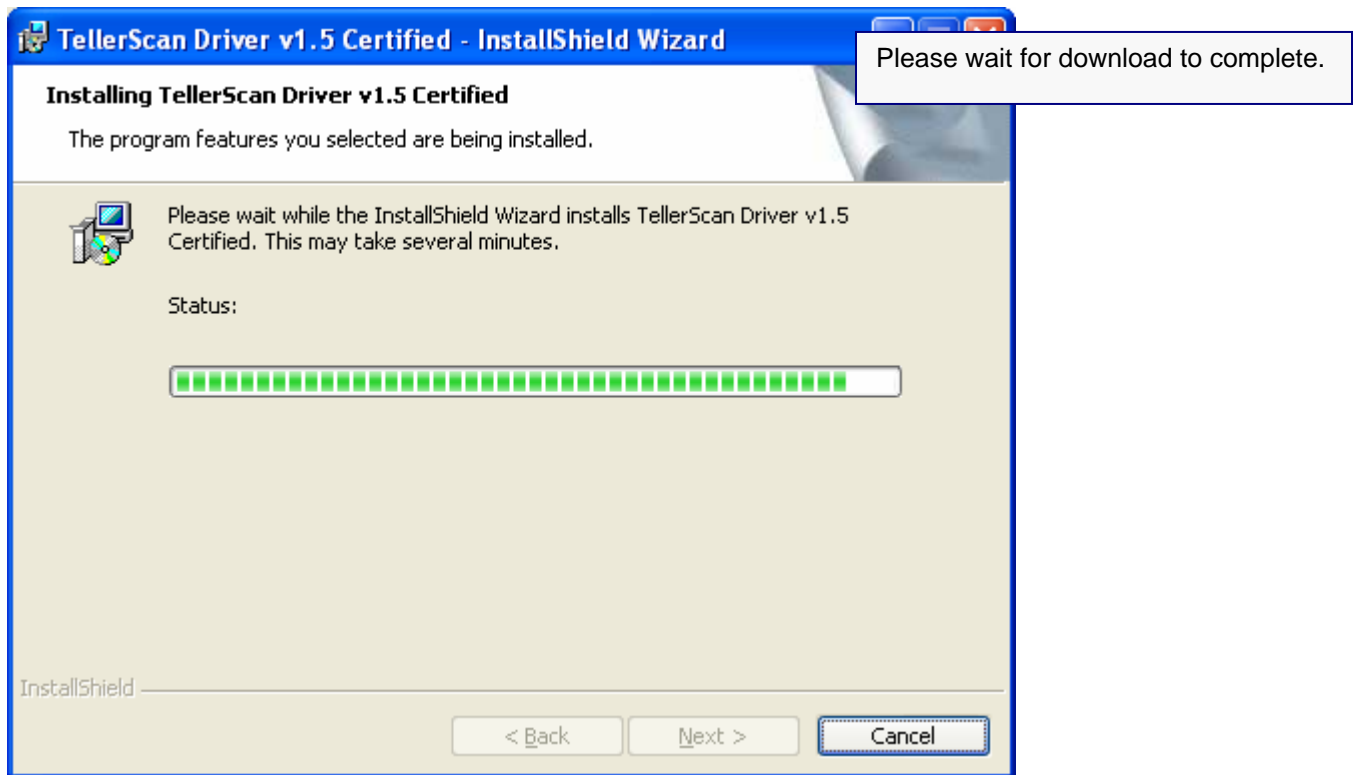
9. Select **Finish**



10. Select
OK



Welcome to the InstallShield Wizard will appear
11. Select
Next



The hardware installation is complete!

Secure Payment Systems
User : TEDZ

Scanner and Demo Download

[System Messages](#)

[User Manager](#)

[Credits/Debits To Your Accounts](#)

[Results](#)

[Combined Daily Returns](#)

[ARC System](#)

[IRD System](#)

[Scan Demo Download](#)

[TS350 / TS400ES Drivers](#)

[ASPI Installation](#)

[TS220e/230 Driver Download](#) - Installs updates to the DCC DLLs for TS220e and TS230 scanners.

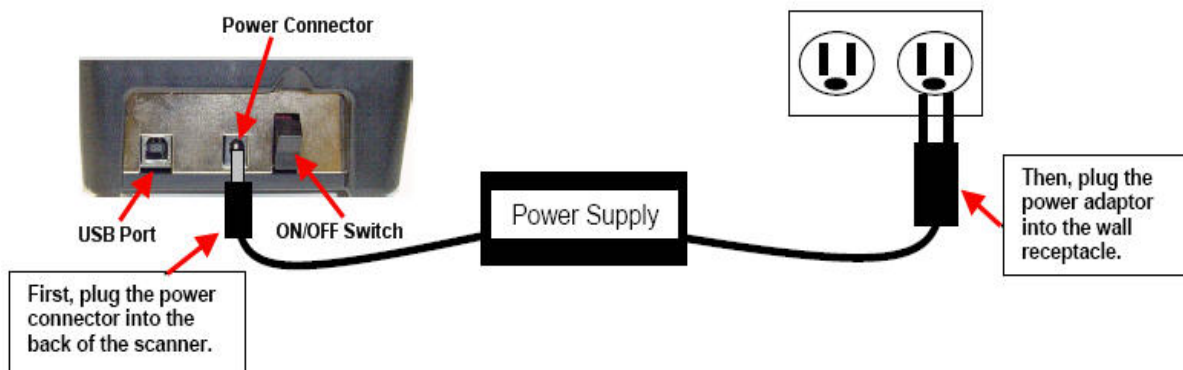
[Magtek Utility](#)

You will automatically return to the Scanner and Demo Downloads page. Please minimize this page and proceed to **Section 6 CONNECT THE TS230.**

6. CONNECT THE TS230-65

At this point, you are ready to connect all of your equipment! Follow the instructions below.

1. Connect **Cables** to the **Scanner**. **Be sure the scanner remains off!**
2. Connect the **USB Cable** to the **Computer**
3. Connect **Power Supply Cable** to the **Outlet**
4. Power your **Scanner On**



NOTE: Now that you successfully connected your TellerScan, the **Found New Hardware Wizard** will automatically appear. A series of pop-up balloons will appear on the lower right hand corner of your screen. These balloons will indicate that the scanner has been found and ready to use.

Your new hardware is installed and ready to use!

7. FIRST TIME USER CONFIGURATION

If you're already logged onto our website, please maximize the web page. Otherwise go to www.securepaymentsystems.com and click on "expresscheck21 website" to log on.

7.1 ARC SYSTEM

Secure Payment Systems
User : TEDZ

[System Messages](#)
[User Manager](#)
[Credits/Debits To Your Accounts](#)
[Results](#)
[Combined Daily Returns](#)
ARC System
[IRD System](#)
[Support](#)
[Logout](#)

Welcome to the Processing System.

The current time at the server is 16:42:37 as per the Atomic Clock

ACH Transactions
Cutoff time for ACH transactions is 18:00:00 Eastern (6:00PM) Daily.
ACH transactions received before 18:00:00 Daily are guaranteed to be transmitted the same day.
You have 1 Hr 17 Min 23 Sec left before the next ACH Cutoff.

Draft Transactions
Cutoff time for Draft transactions is 17:00:00 Eastern (5:00PM) Daily.
Draft transactions received before 17:00:00 Daily are guaranteed to be transmitted the same day.
You have 17 Min 23 Sec left before the next Draft Cutoff.

Results Status : Results for today, Friday, February 23rd, 2007, are now available.

System Messages :

The current server processing date is : 2/23/07
Transactions submitted now will be processed on this date.

The Welcome to the Processing System page will appear.

1. Select **ARC System**

ARC System

Use CTRL-P to print any of the following screens after opening them.

- **First time users need to configure their system System Configuration**

Verifying and installing components...

Loading

○ ○ ○ ○ ○

Please wait as the **ARC System** loads



2. Select
OK

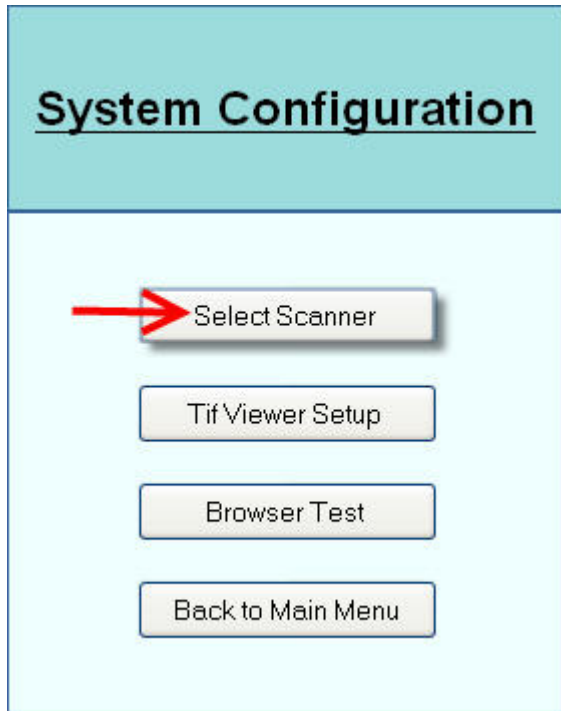


3. Select
INSTALL

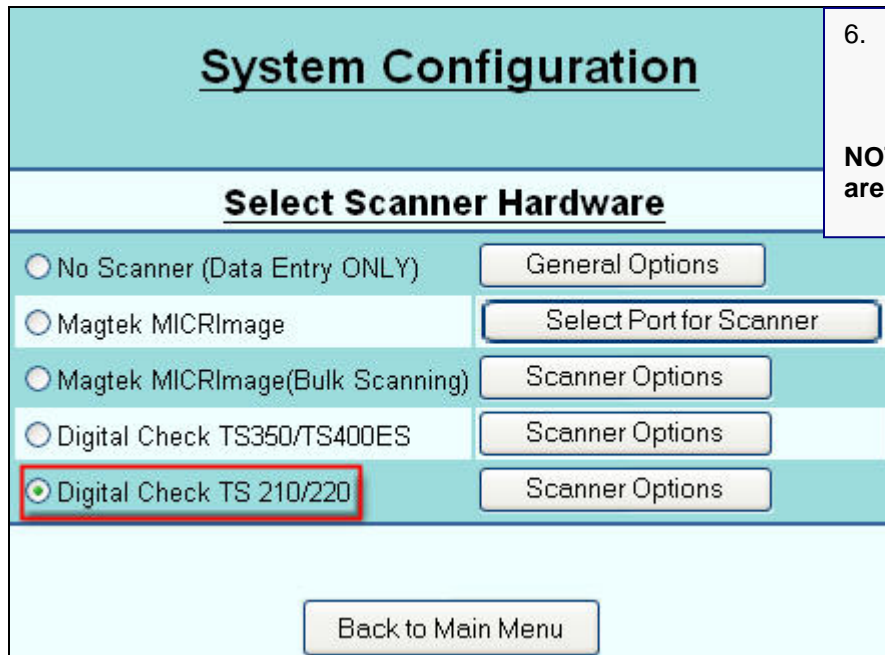


4. The ARC System Main Menu will appear, select
System Configuration

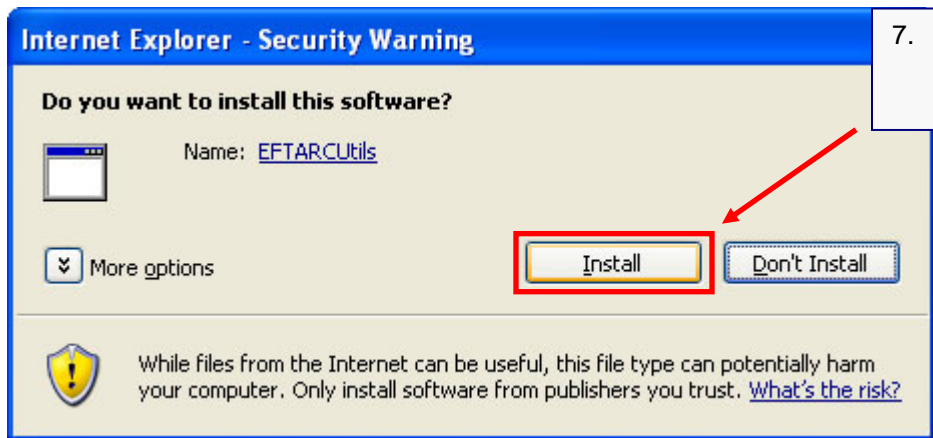
7.1.1 SYSTEM CONFIGURATION



5. Select
Select Scanner



6. Select
Digital Check TS 210/220
NOTE: Select this option if you are using a TS230 scanner



Internet Explorer - Security Warning

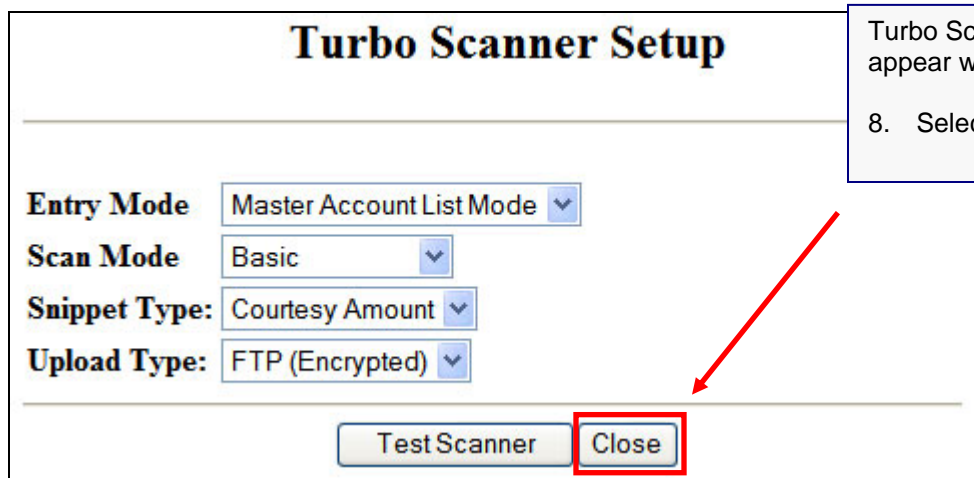
Do you want to install this software?

Name: [EFTARCUtils](#)

More options

While files from the Internet can be useful, this file type can potentially harm your computer. Only install software from publishers you trust. [What's the risk?](#)

7. Select **Install**



Turbo Scanner Setup

Entry Mode Master Account List Mode ▾

Scan Mode Basic ▾

Snippet Type: Courtesy Amount ▾

Upload Type: FTP (Encrypted) ▾

Turbo Scanner Setup will automatically appear with default values.

8. Select **Close**

Secure Payment Systems
User : TEDZ

[System Messages](#)

[User Manager](#)

[Credits/Debits To Your Accounts](#)

[Results](#)

ARC System

[IRD System](#)

[Support](#)

[Logout](#)

System Configuration

Select Scanner Hardware

<input type="radio"/> No Scanner (Data Entry ONLY)	General Options
<input type="radio"/> Magtek MICRImage	Select Port for Scanner
<input type="radio"/> Magtek MICRImage(Bulk Scanning)	Scanner Options
<input type="radio"/> Digital Check TS350/TS400ES	Scanner Options
<input checked="" type="radio"/> Digital Check TS 220/230	Scanner Options

Back to Main Menu

You will automatically return to the **Select Scanner Hardware** page.

9. Select

express check21

ARC System

Use CTRL-P to print any of the following screens after opening them.

- First time users need to configure their system [System Configuration](#)

Scan Checks	View Batches
Process Scanned Checks	View Returns
Edit / Delete	Batch Out Resubmitted Items
Batch Out	View/Search Item History
Pending Results Files	

You are ready to scan checks!

10. Select

Scan Checks

For instructions on how to **Scan Checks** please proceed to the **ARC/Check 21 User Guide**.

NOTE: If the Scan Checks button is unavailable, or if you received an error when selecting Scan Checks, refer to **Appendix A Browser Settings Addendum**.

APPENDIX A BROWSER SETTINGS ADDENDUM

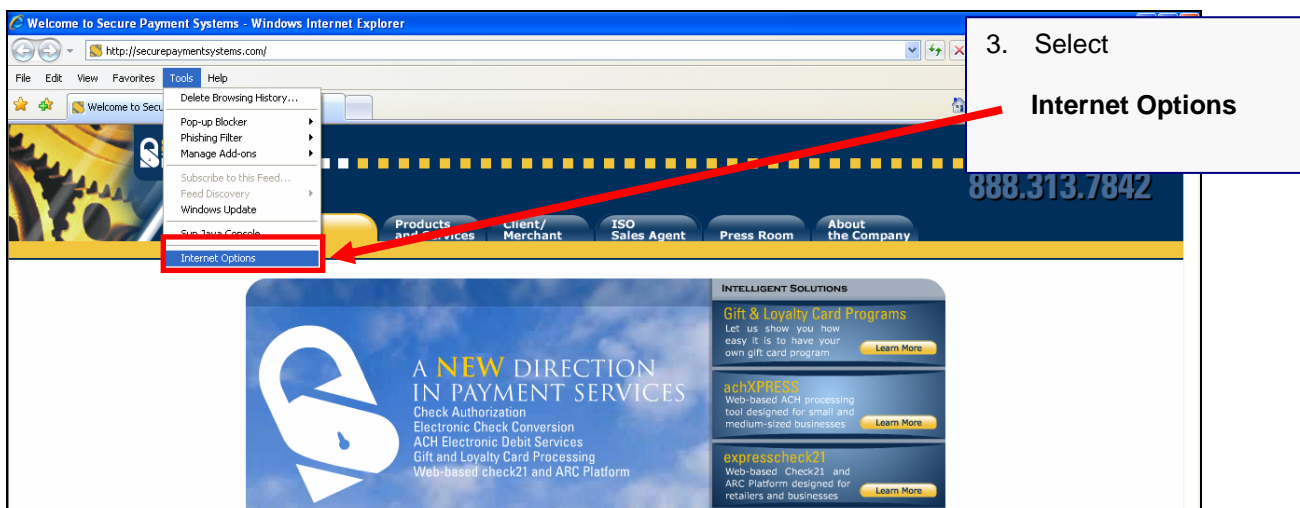
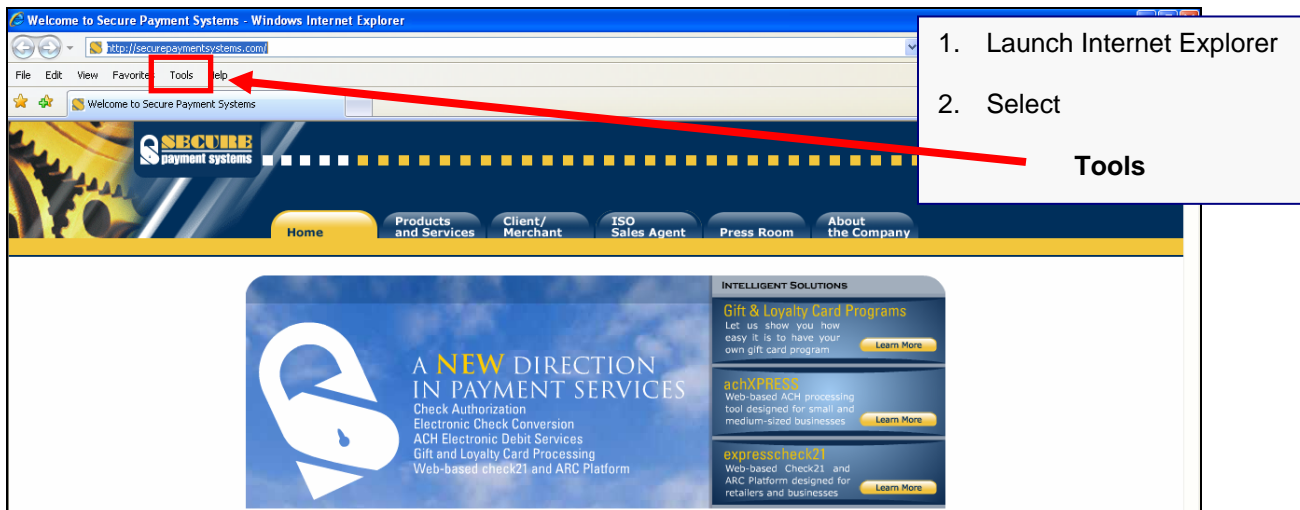
NOTE: Problem Resolution

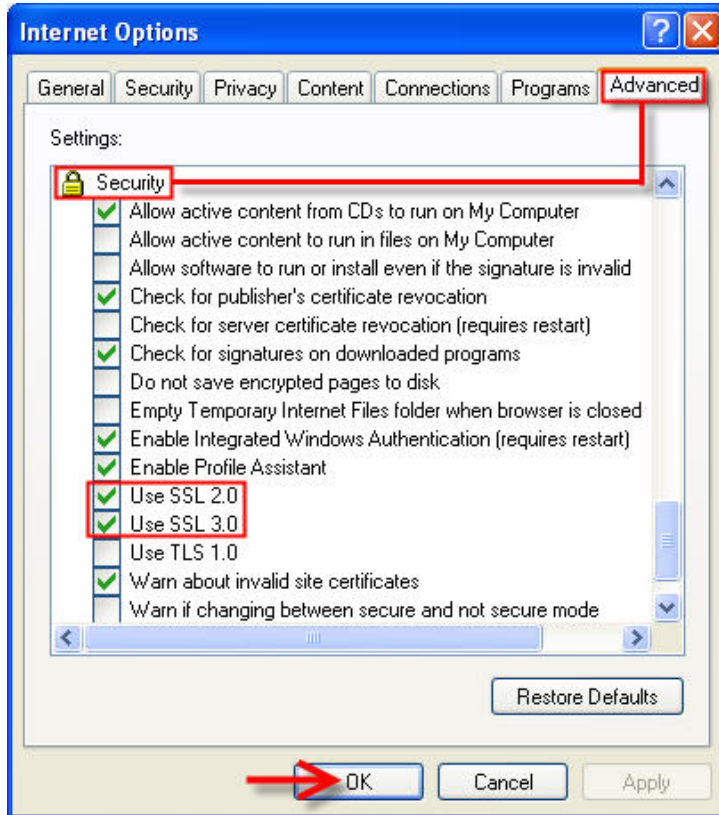
Your web browser must be configured with the following settings:

- Support SSL Encryption
- Accept Cookies
- Java Enabled
- JavaScript Enabled

Before proceeding to the section below, please ensure you have the latest version of Internet Explorer, go to www.microsoft.com.

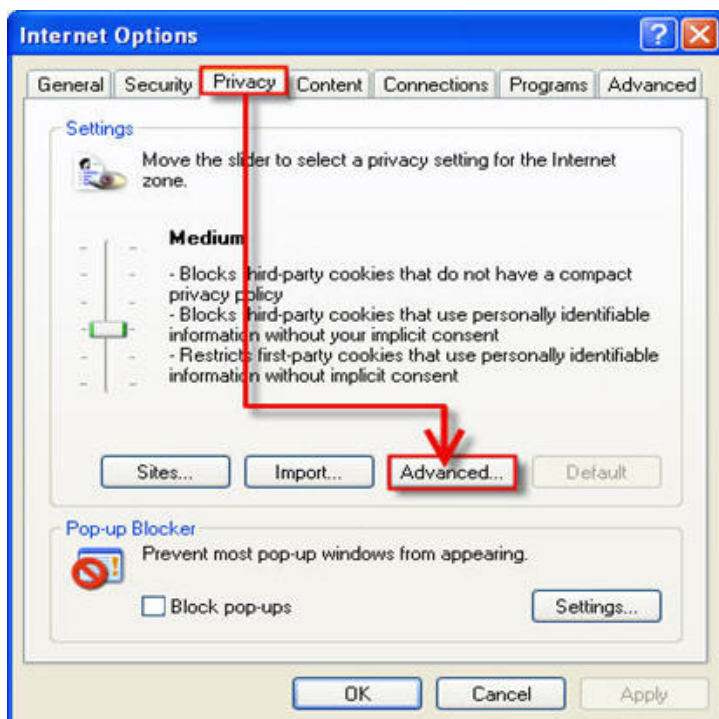
1.1 SUPPORT SSL ENCRYPTION





4. Select **Advanced**
5. Scroll down to **Security**
6. Place check marks by:
 - **Use SSL 2.0**
 - **Use SSL 3.0**

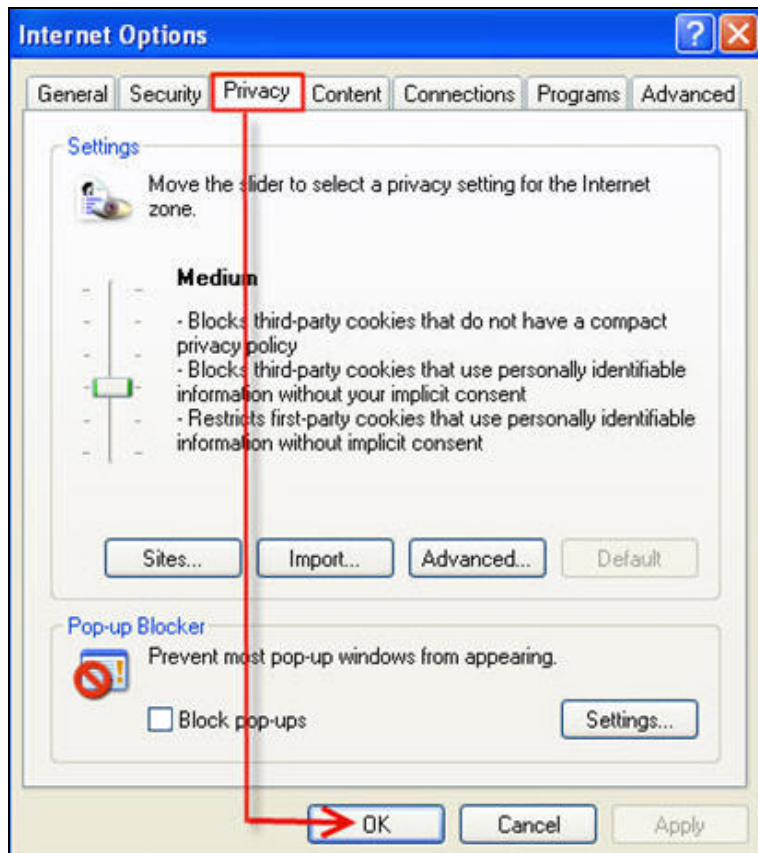
1.2 ACCEPT COOKIES



7. Repeat steps 1-3
8. Select **Privacy**
9. Select **Advanced**



- 10. Place a check mark by
Override automatic cookie handling
- 11. Under First-party Cookies highlight
Accept
- 12. Under Third-party Cookies highlight
Accept
- 13. Place a check mark by
Always allow session cookies
- 14. Select
OK



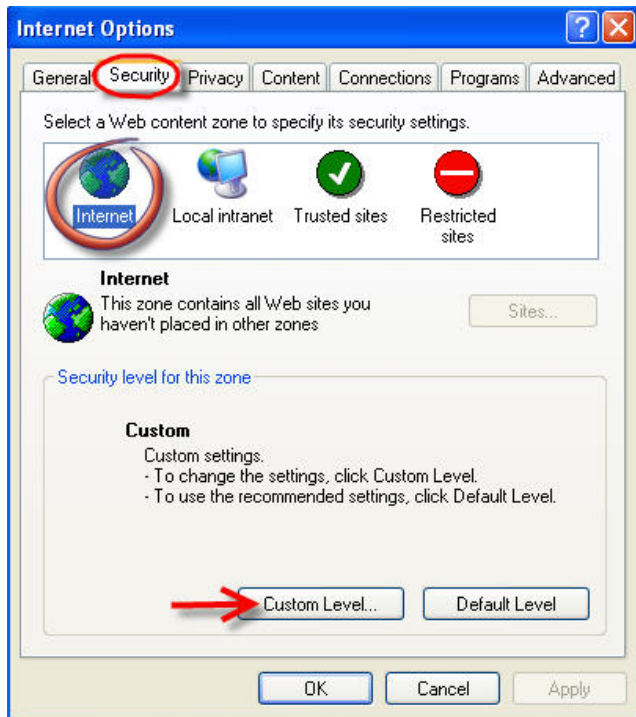
- 15. Select
Privacy Tab
- 16. Select
OK

JAVA ENABLED FOR MICROSOFT VM

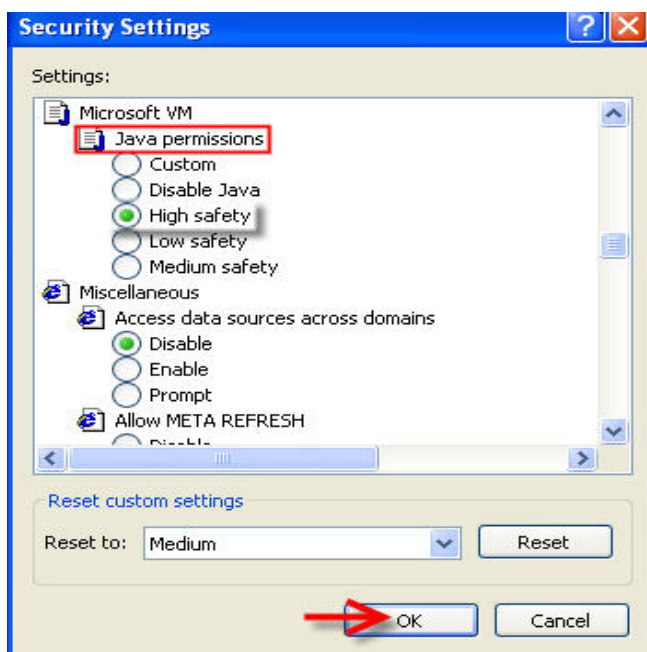
This section is only for Microsoft VM users.

NOTE: If you have Java Sun, please skip this section and go to **Java Enabled For Java Sun** on page 33.

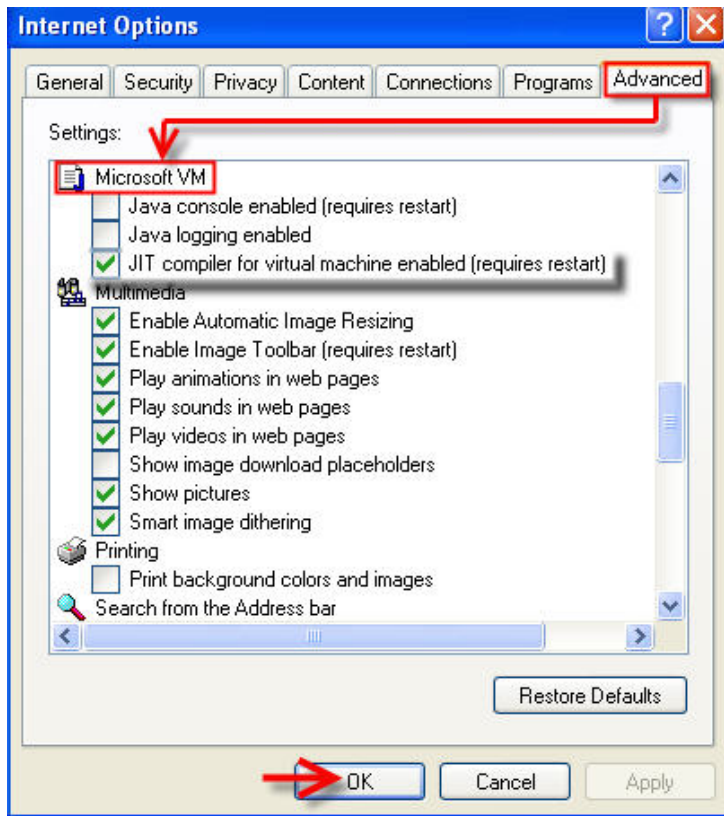
1.3 JAVA ENABLED



1. Repeat steps 1-3 from Section 1.1, page 28
2. Select
Security
3. Highlight
Internet
4. Select
Custom Level



5. Scroll down until you see
Microsoft VM
6. Under Java permissions select
High safety
7. Select
OK



8. Select

Advanced

9. Scroll down to the **Microsoft VM** section. Be sure to place a check mark by:

JIT compiler for virtual machine enabled (requires restart)

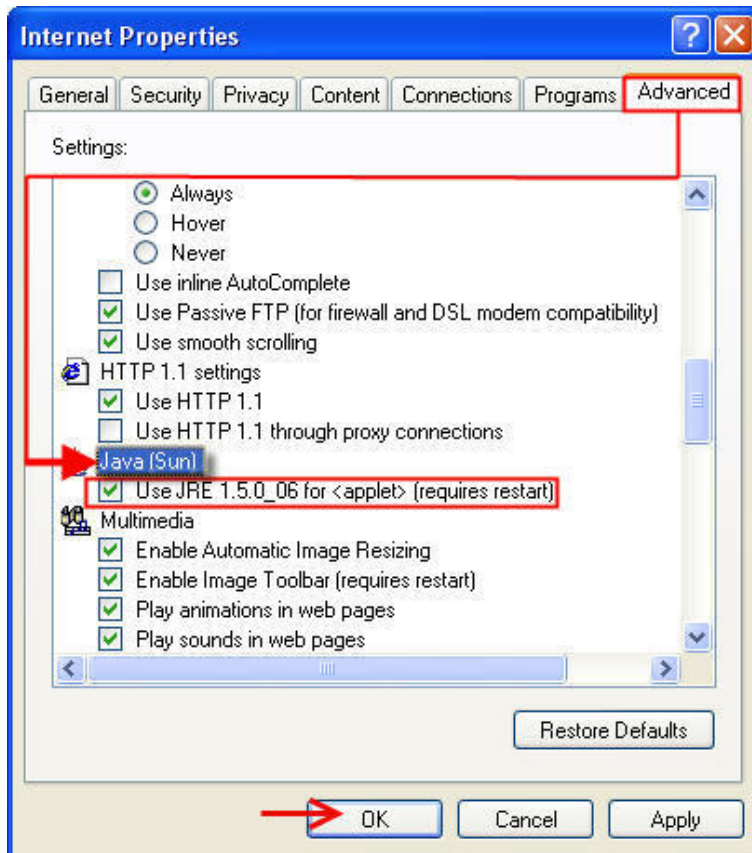
10. Select

OK

JAVA ENABLED FOR JAVA SUN

This section is only for Java Sun users.

NOTE: If you have Microsoft VM, go back to **Java Enabled For Microsoft VM** on page 31.



1. Repeat steps 1-3 from section 1.1 page 28

2. Select

Advanced

3. Scroll down to

Java (Sun)

4. Place a check mark by

Use JRE

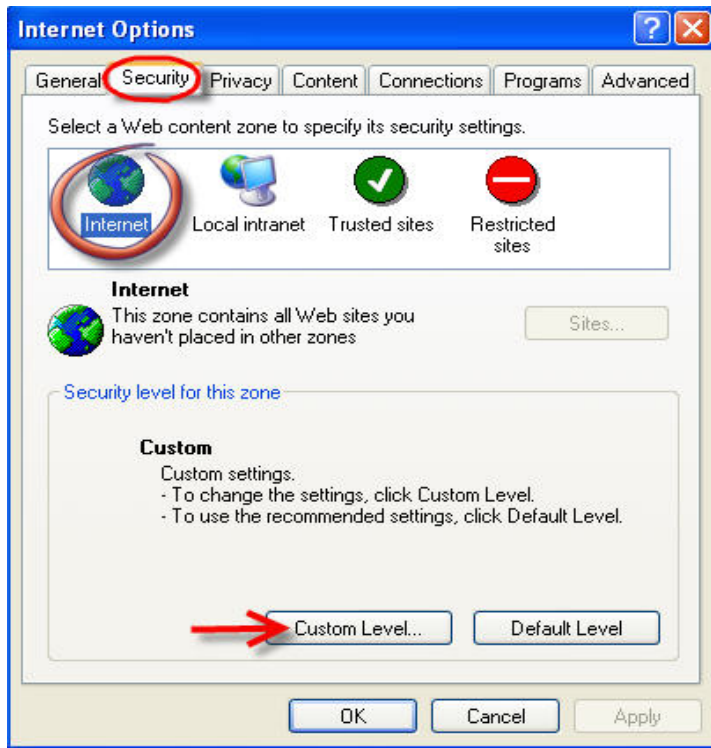
5. Select

OK

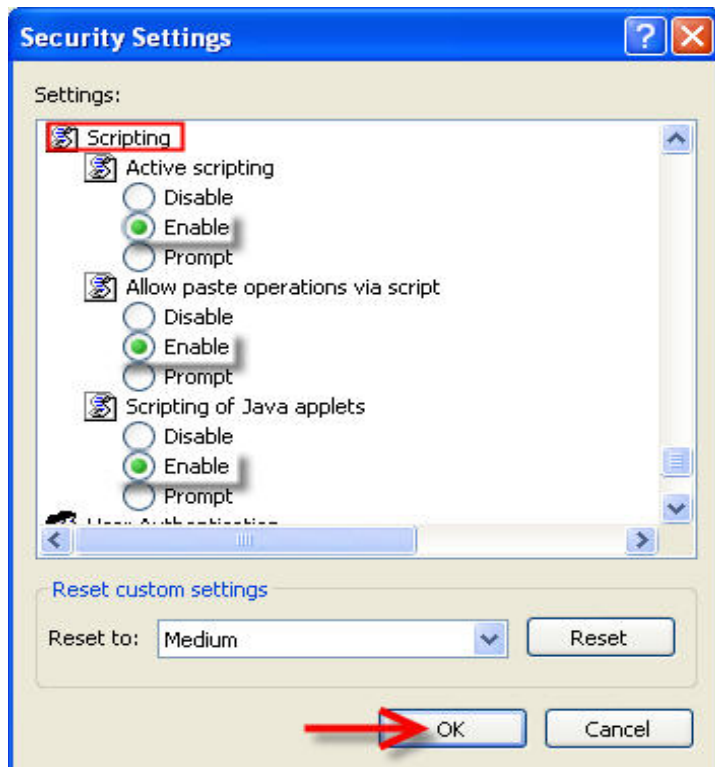
NOTE: If any of the settings changed a restart is **Required**, reboot your PC. If neither **Microsoft VM** nor **Java Sun** is found, you need to install Java. If you do not have the latest version of Java go to www.java.com, select **Java Software Free Download** and follow the on-screen instructions for installing Java. Then repeat **Section 1.3 Java Enabled For Microsoft VM** on page 31.

JAVASCRIPT ENABLED

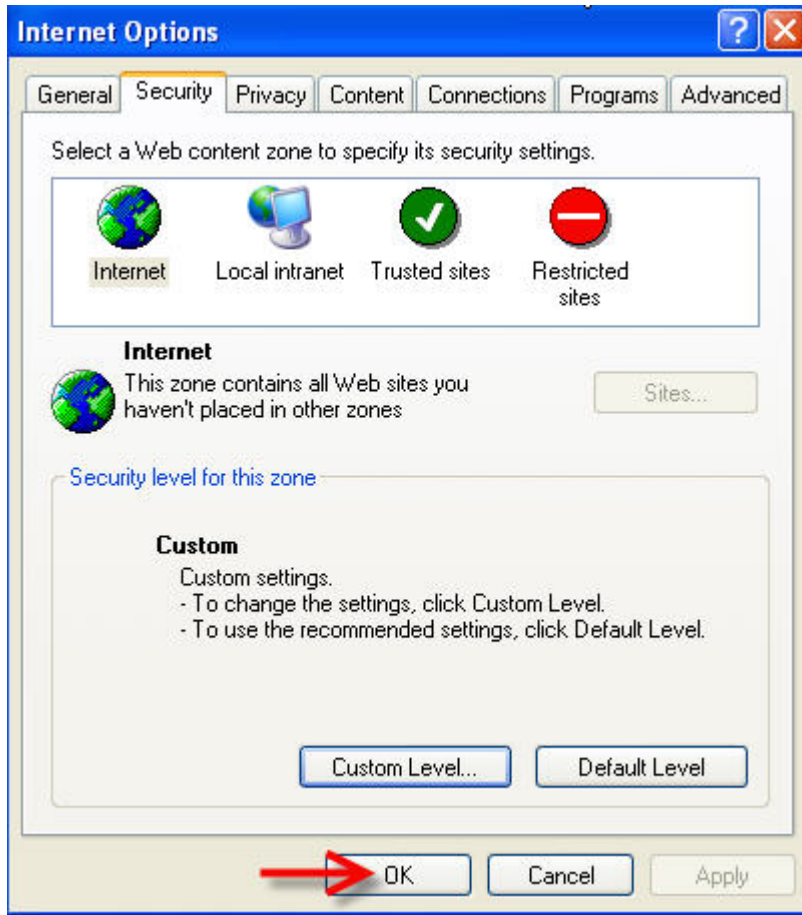
1.4 JAVASCRIPT ENABLED



1. Repeat steps 1-3 from section 1.1 page 28
- Security**
2. Highlight
- Internet**
3. Select
- Custom Level**



4. Scroll down to
- Scripting**
5. Under Active scripting, highlight
- Enable**
6. Under Allow Paste operations via script, highlight
- Enable**
7. Under Scripting of Java applets, highlight
- Enable**
8. To close the Security Settings window select
- OK**



9. To close Internet Options window, select
OK

NOTE: If you are still unable to get your TS230 scanner to work properly, contact SPS Technical Support at 1.888.313.7842.