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

<table>
<thead>
<tr>
<th>OPERATING SYSTEM (Please check one)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Windows 2000</td>
<td></td>
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<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Windows XP</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>INTERNET EXPLORER (Please check one)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>For the latest version of IE, go to <a href="http://www.microsoft.com">www.microsoft.com</a></td>
<td></td>
</tr>
<tr>
<td>6.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>or</td>
<td></td>
</tr>
<tr>
<td>7.0</td>
<td></td>
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</table>

<table>
<thead>
<tr>
<th>INTERNET CONNECTION</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>High-Speed (DSL, Cable,T1)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>JAVA (Please check one)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>For the latest java version, go to <a href="http://www.java.com">www.java.com</a></td>
<td></td>
</tr>
<tr>
<td>Microsoft VM</td>
<td></td>
</tr>
<tr>
<td>or</td>
<td></td>
</tr>
<tr>
<td>JVM</td>
<td></td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>SYSTEM SPECS</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum Requirements</td>
<td></td>
</tr>
<tr>
<td>CPU 1.8 GHZ</td>
<td></td>
</tr>
<tr>
<td>RAM 128 MB</td>
<td></td>
</tr>
<tr>
<td>Port USB 1.1</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Recommended</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>CPU 2.8 GHZ</td>
<td></td>
</tr>
<tr>
<td>RAM 256 MB</td>
<td></td>
</tr>
<tr>
<td>Port USB 2.0</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>My PC</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>CPU ____ GHZ</td>
<td></td>
</tr>
<tr>
<td>RAM ____ MB</td>
<td></td>
</tr>
<tr>
<td>Port USB ____</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SCREEN RESOLUTION</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Works best with screen resolution 1024x768</td>
<td></td>
</tr>
</tbody>
</table>

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*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.

<table>
<thead>
<tr>
<th>File Code:</th>
<th>Product:</th>
<th>□ ARC □ IRD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scanner Model:</td>
<td>Serial #:</td>
<td></td>
</tr>
</tbody>
</table>

### COMPANY INFORMATION

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Company Name / Location (City/State):</td>
<td></td>
</tr>
<tr>
<td>Installer Name &amp; Number:</td>
<td></td>
</tr>
<tr>
<td>IT / Network ADMIN (If any):</td>
<td></td>
</tr>
<tr>
<td>Data Processor (If any):</td>
<td></td>
</tr>
<tr>
<td>Type of Company:</td>
<td></td>
</tr>
</tbody>
</table>

### COMPUTER INFORMATION

If you have difficulty answering the questions below, please contact your PC support staff.

- Operating System: □ WIN XP □ WIN 2000 Ver. __________ Service Pack: __________
- Does installer have Administrative Rights? □ Yes □ No
- Does computer have a USB Port? □ Yes □ No
- Do you have Internet Explorer 5.5 or above? □ Yes □ No
- Type of Internet Connection: □ DSL □ CABLE □ T1 □ OTHER ____________
- Is there a Fire Wall? □ Yes □ No
- Is the Pop-Up Blocker turned off? □ Yes □ No

Please choose a date and time for an installation walk through.

<table>
<thead>
<tr>
<th>Date:</th>
<th>Day:</th>
<th>Time:</th>
<th>Time Zone:</th>
</tr>
</thead>
<tbody>
<tr>
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<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Comments:

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- 
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Tel: 1.888.313.7842

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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

1. Go to your browser toolbar, select Tools

2. Select Internet Options
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
Cut-off 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.

Draft Transactions
Cut-off 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 Cut-off.

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

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.

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.
10. On the left panel, select **Support**.
5. TS230-65 DRIVER DOWNLOADS

5.1 SCANNER AND DEMO DOWNLOADS

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

5.1.1 DOWNLOAD TS230-65 DRIVER

2. Select TS230-65 Driver Download

TS220e/230 Driver Download - Installs updates to the DCC DLLs for TS220e and TS230 scanners.
File Download – Security Warning

Do you want to run or save this file?

Name: DCCSetup.exe
Type: Application, 2.72MB
From: www.spscheck21.com

While files from the Internet can be useful, this file type can potentially harm your computer. If you do not trust the source, do not run or save this software. What’s the risk?

Run  Save  Cancel

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

Verifying DCCSetup.exe from www.spscheck...

DCCSetup.exe from www.spscheck21.com

Estimated time left: 
Download to: Temporary Folder
Transfer rate: 

Open  Open Folder  Cancel

4. Wait for the download to complete.

Internet Explorer - Security Warning

The publisher could not be verified. Are you sure you want to run this software?

Name: DCCSetup.exe
Publisher: Unknown Publisher

Run  Don't Run

5. Select Run

This file does not have a valid digital signature that verifies its publisher. You should only run software from publishers you trust. How can I decide what software to run?
6. Select OK

EFT DCC Drivers/Firmware/DLLs Update

Version 1.0.5

Contains the latest drivers, dynamic link libraries and firmware for Digital Check scanners.

7. Select Next

Welcome to the InstallShield Wizard for DCCSetup

The InstallShield Wizard will install DCCSetup on your computer. To continue, click Next.
Preparing to Install window will appear.

8. Select **Install**

Click Install to begin the installer.

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

InstallShield Wizard is complete

9. Select **Finish**

The InstallShield Wizard has successfully installed DCCSetup. Click Finish to exit the wizard.
10. Select **OK**

11. Select **Next**

Welcome to the InstallShield Wizard for TellerScan Driver v1.5 Certified

The InstallShield(R) Wizard will install TellerScan Driver v1.5 Certified on your computer. To continue, click Next.

WARNING: This program is protected by copyright law and international treaties.
Please wait for download to complete.

12. Select Finish

The InstallShield Wizard has successfully installed TellerScan Driver v1.5 Certified. You may need to specify C:\Program Files\TellerScan\Drivers as your driver location when prompted. Click Finish to exit the wizard.

The hardware installation is complete!
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**

![Diagram of connecting cables and power supply to the TS230-65]

**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

The Welcome to the Processing System page will appear.

1. Select **ARC System**
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

- No Scanner (Data Entry ONLY)
- Magtek MICRImage
- Magtek MICRImage(Bulk Scanning)
- Digital Check TS360/TS400ES
- Digital Check TS 210/220

Back to Main Menu
7. Select **Install**

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?](#)

Turbo Scanner Setup will automatically appear with default values.

8. Select **Close**

**Turbo Scanner Setup**

- **Entry Mode**: Master Account List Mode
- **Scan Mode**: Basic
- **Snippet Type**: Courtesy Amount
- **Upload Type**: FTP (Encrypted)

[Test Scanner] Close
You will automatically return to the Select Scanner Hardware page.

9. Select

ARC System

Select Scanner Hardware

- No Scanner (Data Entry ONLY)
- Magtek MICRImage
- Magtek MICRImage (Bulk Scanning)
- Digital Check TS350/TS400ES
- Digital Check TS 220/230

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

1. Launch Internet Explorer
2. Select Tools
3. Select Internet Options
4. Select

Advanced

5. Scroll down to

Security

6. Place check marks by:
   - Use SSL 2.0
   - Use SSL 3.0

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](http://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.
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.