Electronic Check Processing and Remote Deposit System

CX30 Configuration and Installation Guide
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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  
  - [ ]
- Windows XP  
  - [ ]

**INTERNET EXPLORER** (Please check one)

For the latest version of IE, go to www.microsoft.com

- 6.0  
  - [ ]
- or
- 7.0  
  - [ ]

**INTERNET CONNECTION**

High-Speed (DSL, Cable, T1)  
- [ ]

**JAVA** (Please check one)

For the latest java version, go to www.java.com

- Microsoft VM  
  - [ ]
- or
- JVM  
  - [ ]

**SYSTEM SPECS**

**Minimum Requirements**

- CPU 1.8 GHZ  
  - [ ]
- RAM 128 MB  
  - [ ]
- Port USB 1.1  
  - [ ]

**Recommended**

- CPU 2.8 GHZ  
  - [ ]
- RAM 256 MB  
  - [ ]
- Port USB 2.0  
  - [ ]

**My PC**

- CPU ____ GHZ  
  - [ ]
- RAM ____ MB  
  - [ ]
- Port USB ____  
  - [ ]

**SCREEN RESOLUTION**

Works best with screen resolution 1024x788

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*Administrative Privileges is the ability to change the computer’s configuration and install new software applications.*
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.

**COMPANY INFORMATION**

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

1. Does installer have Administrative Rights?  [ ] Yes  [ ] No
2. Does computer have a USB Port?  [ ] Yes  [ ] No
3. Do you have Internet Explorer 5.5 or above?  [ ] Yes  [ ] No
4. Type of Internet Connection:  [ ] DSL  [ ] CABLE  [ ] T1  [ ] OTHER  
5. Is there a Fire Wall?  [ ] Yes  [ ] No
6. Is the Pop-Up Blocker turned off?  [ ] Yes  [ ] No

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

Date:  [ ] Day:  [ ] Time:  [ ] Time Zone:  [ ]

Comments:  


*Administrative Privileges is the ability to change the computers configuration and install new software applications.*
About Secure Payment Systems, Inc.

The Company

Secure Payment Systems (SPS) 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, SPS provides you with affordable solutions that you need to compete with the retail elite.

SPS 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.

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.

SPS Contact List

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

Technical Support
support@securepaymentsystems.com

Sales and Marketing
sales@securepaymentsystems.com
Web Browser Configuration  IE 6.0

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

**Web Browser Settings**

1. Launch Internet Explorer
2. Go to your browser toolbar, select **Tools**
3. Select **Internet Options**
4. On the Internet Options window go to General Tab and select Settings.

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

6. Select OK.
Active X Control

Active X Configuration Settings
On PC’s running Windows XP-SP2, Active X controls and plug-ins should have the configuration settings noted:

7. On the Internet Options window go to the Security tab, highlight Internet
8. Select Custom Level

Security Settings window will automatically appear.
9. Scroll down to section ActiveX controls and plug-ins
10. Automatic Prompting for ActiveX controls:
    Enable
11. Binary and script behaviors:
    Enable
On all PC’s, the following five setting options will appear and should have the configuration settings noted:

12. Download signed ActiveX controls:
   - Prompt

13. Download unsigned ActiveX controls:
   - Disable

14. Initialize and script ActiveX controls not marked as safe:
   - Disable

15. Run ActiveX controls and plug-ins:
   - Enable

16. Script ActiveX controls marked safe for scripting:
   - Enable

17. To save the changes, select **OK**
18. Confirm you would like to save changes, select Yes.

The Internet Options window will automatically appear.

19. Close the Internet Options window by selecting OK or Apply.
Web Browser Configuration IE 7.0

The following are detailed instructions to ensure your Browser settings are configured properly. If you are running VISTA, please see Appendix C prior to configuring your browser and downloading drivers.

**Web Browser Settings**

1. Launch Internet Explorer
2. Go to your browser toolbar, select **Tools**
3. Select **Internet Options**
4. On the Internet Options window go to General Tab and select: Settings

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

6. Select OK
Active X Controls

Please see Appendix C - Vista Configuration Disable Protected Mode for additional settings under this tab.

Active X Configuration Settings

On PC's running Windows XP-SP2, Active X controls and plug-ins should have the configuration settings noted:

1. On the Internet Options window go to the Security tab, highlight Internet
2. Select Custom Level
4. Scroll down to section ActiveX controls and plug-ins
5. Automatic Prompting for ActiveX controls: Enable
6. Binary and script behaviors: Enable
12. Download signed ActiveX controls: 
   Prompt

13. Download unsigned ActiveX controls: 
   Disable

14. Initialize and script ActiveX controls not marked as safe: 
   Disable

15. Run ActiveX controls and plug-ins: 
   Enable

16. Script ActiveX controls marked safe for scripting*: 
   Enable

17. To save the changes, select 
   OK

18. Confirm you would like to save changes, select 
   Yes
The Internet Options window will automatically appear.

19. Close the Internet Options window by selecting **OK or Apply**
Support SSL Encryption

1. Select Advanced
2. Scroll down to Security
3. Place check marks by:
   - Use SSL 2.0
   - Use SSL 3.0
4. Select OK
Accept Cookies

5. Select Privacy
6. Select Advanced

7. Place a check mark by Override automatic cookie handling
8. Under First-party Cookies highlight Accept
9. Under Third-party Cookies highlight Accept
10. Place a check mark by Always allow session cookies
11. Select OK
Turn off Pop-up Blocker

12. Ensure Pop-up Blocker is turned off.
13. Select OK
Trusted Sites

1. Select Security
2. Highlight Trusted Sites
3. Select Sites

4. In the Add this website to this zone option, type,
   https://www.spscheck21.com

5. Ensure that the Require Server Verification (https:) for all sites in this zone option is unchecked.
6. Select Add
7. spscheck21.com will be added to your trusted sites.
8. Select Close

9. Select Custom Level
Security Settings window will automatically appear.

10. Scroll down to section
    
    **ActiveX controls and plug-ins**

11. Automatic Prompting for ActiveX controls:
    
    **Enable**

12. Binary and script behaviors:
    
    **Enable**

13. Download signed ActiveX controls:
    
    **Enable**

14. Download unsigned ActiveX controls:
    
    **Prompt**

15. Initialize and script ActiveX controls not marked as safe:
    
    **Prompt**
16. Run ActiveX controls and plug-ins:
   Enable

17. Script ActiveX controls marked safe for scripting*:
   Enable

18. Select
   OK

19. Select
   Yes

20. Close down all browser sessions and relaunch
Customer Login

Note: Please contact customer service to obtain a Username, File Code and Password.
The 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.

---

Test Your Browser Settings

6. On the right hand side, select: **Web Browser Test Suite**
Note: If one status displays something other than PASSED or if the test seems to hang, please refer to the Troubleshooting Section at the end of this manual.
9. Close the Results of browser test suite window.

10. On the left panel, select Support
Driver Downloads

The driver download process is a simple one step process. Drivers are supported by Windows 2000, XP and Vista versions.

**Scanner and Demo Downloads**

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

**Download CX30 Drivers**

2. Select **DCC Tellerscan Drivers**

... select to download drivers for CX30...

Scan Demo Download
ASPI Installation

The following link is for the Digital Check CX30 scanner.

**DCC Drivers for CX30**

The following 2 links are for all Digital Check TS model scanners. Select the links in the order they appear, be sure to install both:

- DCC-Tellerscan Drivers (2000, XP and Vista)
- DCC-Tellerscan API (2000, XP and Vista)

Magtek Utility

Cannon Scanner Downloads
File Download – Security Warning pop up window will appear.

3. Select
   - Run

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?

4. Wait for the download to complete.
Select 5. Run Preparing to Install window will appear. Select 6. Next
Now that you have successfully connected to your TellerScan, the Found New Hardware Wizard will automatically appear.

Your new hardware is installed and ready to use!
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" to log on.

**ARC/IRD System**

Welcome to the Processing System.

The current time at the server is 17:06:42 as per the ARC/IRD System.

**ACH Transactions**
- Cutoff time for ACH transactions is 18:00:00 Eastern (5:00PM) Daily.
- ACH transactions received before 18:00:00 Daily are guaranteed to be transmitted the same day.
- You have 50 Min 15 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 23 Hr 50 Min 18 Sec left before the next Draft Cutoff.

Results Status: Results for today, Friday, February 16th, 2007, are now available.

System Messages:

---

Please wait as the System loads.

---
Internet Explorer Security Warning window will appear.

2. 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?

3. Select OK

Microsoft Internet Explorer

Do you want to Trust EFT Networks to Deploy components on this Computer?

[OK] [Cancel]
4. The IRD/ARC System Main Menu will appear, select System Configuration.

Please Note: ...scan checks option will not be accessible until system configuration is completed...

5. Select Select Scanner
Scanner Options

**System Configuration**

**Select Scanner Hardware**

- No Scanner (Data Entry ONLY)
- Magtek MICRImage
- Magtek MICRImage (Bulk Scanning)
- Digital Check TS350/TS400ES
- Digital Check TS 220/230
- Digital Check CX30

![Select Scanner Hardware](image)

6. Select
   Digital Check CX30

...select the digital check cx30 scanner...

Scanner Setup will automatically appear with default values.

7. Select
   Test Scanner

...note the upload type best suitable for your machine...

...test your scanner here...

![Turbo Scanner Setup](image)
Note: The initialization of the Turbo Scanner may fail on the first attempt. If this occurs, please proceed to Step 11 Scan Checks and attempt to scan your items.
You are ready to scan checks!

11. Select Scan Checks

For instructions on how to Scan Checks, please refer to the expresscheck21 Fasttrack User Guide.
Appendix A - Browser Settings Addendum IE 6.0

For problem resolution, ensure that your browser settings are configured with the following settings:

- Java Enabled for Microsoft VM
- Java Enabled for Java Sun
- JavaScript Enabled

1. Launch Internet Explorer
2. Select Tools
3. Select Internet Options
Java Enabled for Microsoft VM

If you have Java Sun installed, please skip this section and refer to Java Enabled for Java Sun.

4. Select Security
5. Highlight Internet
6. Select Custom Level

7. Scroll down to Microsoft VM
8. Under Java permissions select High Safety
9. Select OK
10. Select

Advanced

11. Scroll Down to the Microsoft VM section, ensure that a check mark is placed by:

JIT compiler for virtual machine enabled (requires restart)

12. Select

OK
1. Launch Internet Explorer
2. Select Tools
3. Select Internet Options
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 or if you do not have the latest version of Java.

1. Go to www.java.com,
2. Select Java Software Free Download
3. Follow the on-screen instructions for installing Java.

4. Select
   Advanced

5. Scroll down to
   Java (Sun)

6. Place a check mark by
   Use JRE
   (requires restart)

7. Select
   OK
1. Launch Internet Explorer
2. Select
   Tools
3. Select
   Internet Options
4. Select Security
5. Highlight Internet
6. Select Custom Level
7. Scroll down to Scripting
8. Under Active scripting, highlight Enable
9. Under Allow Paste operations via script, highlight Enable
10. Under Scripting of Java applets, highlight Enable
11. Select OK
12. Select OK

Note: If your scanner is still not working properly, please refer to the Troubleshooting Section at the end of this manual.
Appendix B  Browser Settings Addendum IE 7.0

The addendum section is for troubleshooting purposes to be used in the event your scanner does not perform properly or is not recognized by the ARC/IRD application. Additional items that may need to be addressed in your web browser are the configuration of the following settings:

- Java Enabled
- JavaScript Enabled

Before proceeding to the section below, please ensure you have the latest version of Internet Explorer 7.0, go to www.microsoft.com.

**Java Enabled**

1. Launch Internet Explorer
2. Select 
   Tools
3. Select 
   Internet Options
Note: If any of the settings changed, a restart is required. Reboot your PC. If Java Sun is not found, or if you do not have the latest version of Java:

1. Go to [www.java.com](http://www.java.com).
2. Select Java Software Free Download.
3. Follow the on-screen instructions for installing Java.
Javascript Enabled

1. Launch Internet Explorer
2. Select Tools
3. Select Internet Options
4. Select **Security**
5. Highlight **Internet**
6. Select **Custom Level**
7. Scroll down to **Scripting**
8. Under Active scripting, highlight **Enable**
9. Under Allow Paste operations via script, highlight **Enable**
10. Under Scripting of Java applets, highlight **Enable**
11. To close the Security Settings window
12. Select **OK**
13. To close Internet Options window, select OK.

Note: If you are still unable to get your CX30 scanner to work properly, please refer to the Troubleshooting Section at the end of this manual.
**Run as Administrator**

Prior to scanner installation, all configuration settings and driver download must be run under the Administrator option when running Vista.

From the Windows Task Bar

1. Right Mouse Click on the Internet Explorer Icon
2. The IE menu will appear

...right mouse click on IE icon in task bar...

...select run as administrator option...

3. Select **Run as administrator**
4. Continue the Installation Process as outlined in Web Browser Configuration IE 7.0
**Disable Protected Mode**

In order for the User to run the application normally (not as administrator) protected mode in Vista needs to be disabled. If this process is not recommended by your company network administrator, then please follow Steps 1 - 3 as listed above each time you login to scan your checks.

To Disable Protected Mode:

From the Internet Options Security Tab

5. Remove the check mark from Enable Protected Mode

6. Continue Browser Configuration as defined in Web Browser Configuration IE 7.0