



CZ Copier Tracking System 2.0 – User Guide

If you have any questions, please send email to support@czsolution.com.

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1. CZ Copier Tracking System 2.0 --- Components

CZ Copier Tracking Software (Required) is a powerful centralized copy manager & copy counter that help automate and simplify the administration of copier or MFC (Multi Functional Copier). It is an easy to use copy management software that allows you to monitor and track all copying activity, charge the copy jobs by entering the account number (PIN), control and authenticate who is copying, how much is being copied, analyze and identify the cost of copying and eliminate wasted paper across your entire organization. It has debit mode and credit mode. In the debit mode, CZ Copier Tracking Software keeps track of account quotas (number of copies assigned to users) or balance. When user quotas are exceeded, copy jobs are canceled automatically. In credit mode, if the number of copies exceeds the maximum allowable limit per copy session specified for a copier, copy jobs are cancelled automatically. In both modes, the software will keep track of each copy made and store them in the database including: name of the user who copy, destination copier name, number of copies made, total cost, copy request time and date.

Boscop Virtual Cash Controller hardware (Required) The VCC hardware is connected to a copier or MFC (Multi Functional Copier) to actually enable or disable copier machine. It lets you eliminate propriety debit cards and migrate to an online, accounts-based system that automatically tracks activity at all your copiers in a single database. The copier interface supports major brands. For more information, please visit <http://www.boscop.com/vcc.html> or contact Tony Brock at phone: 607-257-7785 or email: tbrock@boscop.com.

2. CZ Copier Tracking System --- Installation & Configuration

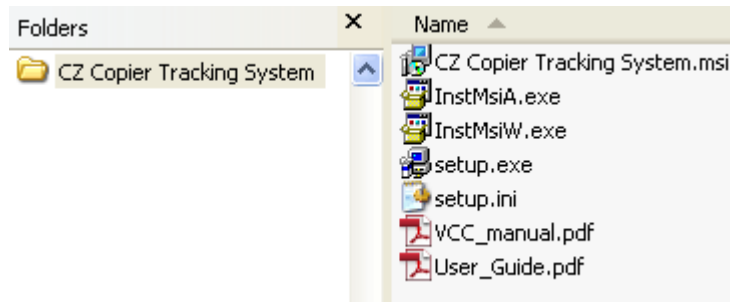
CZ Copier Tracking System 2.0 System Requirements	
Operating System	Windows 32-bit or 64-bit
CPU	300 Mh or higher
Memory	256 MB or more
Hard Disk Free Space	30 MB

2.1. Setup Virtual Cash Controller (VCC)

1. Setup the VCC network setting including VCC IP address, subnet mask, gateway IP address, Server IP address, and others. Please check VCC_manual.pdf.

Note: For the Server IP address (or IP of the Print Server), enter the IP Address of the computer that has CZ Copier Tracking Software is installed.

2. Double-click setup.exe and follow the on-screen instructions.



3. After the installation completes, double-click the shortcut “CZ Copier Tracking System 2.0” on your desktop or select "Start → Programs → CZ Solution → CZ Copier Tracking System 2.0" to run the program.

4. The VCC will be connected to CZ Copier Tracking Software and added to the list of available copiers in Preferences --> Copiers automatically when VCC and the computer that has CZ Copier Tracking software installed are in the same network.

C2 Copy Tracking System Preferences

Copiers | Copy Jobs | Users / Groups

Price per copy [\(Help\)](#)

Maximum copies per copy session

Available Copiers

Copier_192.168.1.10

Monitored Copiers (0)

Copiers	Price Per Copy	Limit Per Copy Session
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☐ Set price per copy to ☒ ☐ decreased by % if total copies / copier exceeds

☐ Auto change price per copy back monthly

5. Click Add button to add Copier to the list of monitored copiers.

C2 Copy Tracking System Preferences

Copiers | Copy Jobs | Users / Groups

Price per copy [\(Help\)](#)

Maximum copies per copy session

Available Copiers

Monitored Copiers (1)

Copiers	Price Per Copy	Limit Per Copy Session
Copier_192.168.1.10	0.15	1000 copies

☐ Set price per copy to ☒ ☐ decreased by % if total copies / copier exceeds

☐ Auto change price per copy back monthly

2.2 Debit Mode

1. In Preferences --> Copy Jobs, select "Enable balance tracking".

The screenshot shows the 'CZ Copy Tracking System Preferences' dialog box with the 'Copy Jobs' tab selected. The 'Balance' section is expanded, showing the 'Enable balance tracking' checkbox checked. The 'Database' section shows 'MS Access' selected. The 'Miscellanea' section shows 'Auto update database for reports at' checked with a time of 3:00 PM.

CZ Copy Tracking System Preferences

Copy Jobs

Show copy jobs by ☒ User ☒ Copier

Disable Copier if it is inactive more than seconds(30 -- 3200)

☒ Auto refresh copy jobs every seconds

☐ Disable copier at

Balance

☒ Enable balance tracking

☐ Reset balance to ☐ Daily ☒

Database

☒ MS Access ☐ SQL Server

☐ Auto backup and renew database if database size is greater than (MB OR

MB = 4000 Copy Jobs)

Current database directory

Miscellanea

☒ Auto update database for reports at ☐ AM ☒ PM

☐ Auto create and email reports / create web reports

☐ Enable password for Preferences and content viewing / reprinting

CZ Remote account manager password

2. In Preferences --> Users / Groups, create user name and account number (PIN), then assign the quota.

CZ Copier Tracking System Preferences

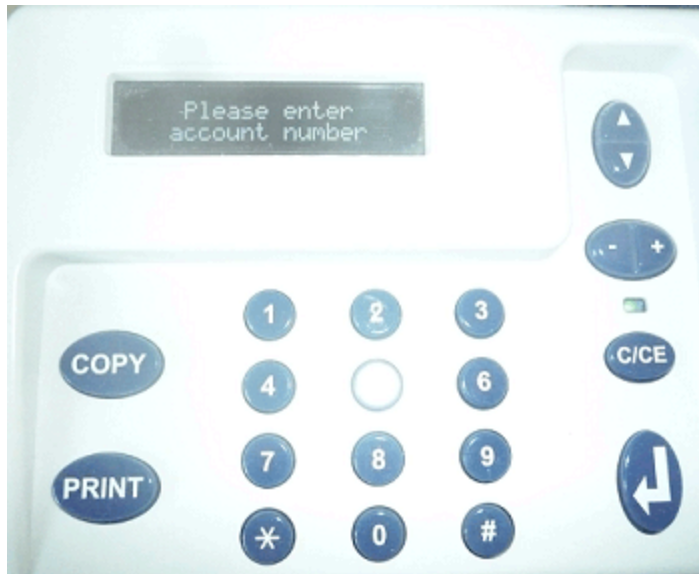
Copiers | Copy Jobs | **Users / Groups**

User List (3)

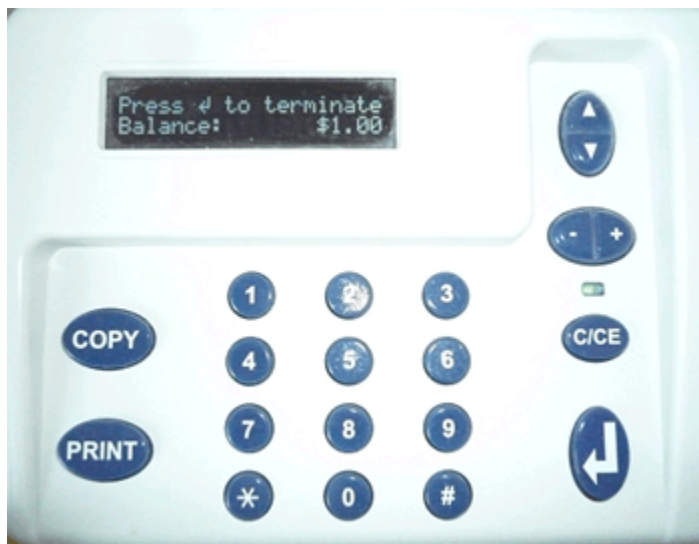
User	Balance	Group	Account Numbe...	Status	Pages Copied
test	1.00	Copy Users	1234	Enabled	6
test2	5.00	Copy Users	373761	Enabled	3
test3	unlimited	Copy Users	56543	Enabled	4

Add Amount: 0.00 Set Group: Set Status: Refresh Import Export Print Add Remove Edit Group Set PIN: 1234 Save Exit







3. In Virtual Cash Controller (VCC), it shows "Please enter the account number".



4. In Virtual Cash Controller (VCC), enter account number "1234", VCC shows the balance of \$1.00 and enable the copier.



5. After copying is completed, the copier is disabled by VCC and the name of the user who copy, destination copier name, number of copies made, total cost, copy request time and date are stored in the database. If user enter the incorrect account number or account number doesn't have enough balance, then VCC goes back to "Please enter account number" screen.

CZ Copy Tracking System 1.0.0.0							
Copy Jobs View Tools Help ?							
     							
10/1 /2010 -- 10/1 /2010							
<div>Print Jobs</div> <div>Copy Jobs</div> <div>Users</div> <div>Copiers</div>	User	Description	Pages	Cost	Submitted	Copier	Sender
	test	Copy Job	1	0.10	10/1/2010 8:24:16 AM	Copier_192.168.1.10	1234
	test2	Copy Job	3	0.30	10/1/2010 7:35:11 AM	Copier_192.168.1.10	373761
	test2	Copy Job	1	0.10	10/1/2010 7:34:47 AM	Copier_192.168.1.10	373761
	test	Copy Job	2	0.20	10/1/2010 7:18:12 AM	Copier_192.168.1.10	1234
<div>Copy Jobs</div> <div>Total Jobs: 4</div> <div>Total Pages: 7</div> <div>Total Cost: 0.70</div>							

2.3. Credit Mode

1. In Preferences --> Copy Jobs, uncheck "Enable balance tracking", and then click Save button.

The screenshot shows the 'CZ Copy Tracking System Preferences' dialog box with the 'Copy Jobs' tab selected. The 'Copy Jobs' section has checkboxes for 'User' and 'Copier' (both checked), a text box for 'Disable Copier if it is inactive more than' set to '60' seconds, and a checkbox for 'Auto refresh copy jobs every' set to '30' seconds. The 'Balance' section has an unchecked checkbox for 'Enable balance tracking', a 'Reset balance to' dropdown set to '1.00', and radio buttons for 'Daily' and 'Schedule' (selected). The 'Database' section has radio buttons for 'MS Access' (selected) and 'SQL Server', a checkbox for 'Auto backup and renew database if database size is greater than (1 50 MB OR MB = 4000 Copy Jobs)', and a text box for 'Current database directory' set to 'D:\EZ\w1\vcc_main'. The 'Miscellanea' section has a checked checkbox for 'Auto update database for reports at' set to '3:00' PM, and checkboxes for 'Auto create and email reports / create web reports' and 'Enable password for Preferences and content viewing / reprinting' (both unchecked). The 'CZ Remote account manager password' is set to 'accadmin'. The 'Save' button is highlighted.

CZ Copy Tracking System Preferences

Copiers Copy Jobs Users / Groups

Copy Jobs

Show copy jobs by ☒ User ☒ Copier

Disable Copier if it is inactive more than 60 seconds(30 -- 3200)

☒ Auto refresh copy jobs every 30 seconds

☐ Disable copier at Time

Balance

☐ Enable balance tracking

☐ Reset balance to 1.00 Now ☐ Daily ☒ Schedule

Database

☒ MS Access ☐ SQL Server

☐ Auto backup and renew database if database size is greater than (1 50 MB OR MB = 4000 Copy Jobs)

Current database directory D:\EZ\w1\vcc_main

Configure Schedule

Miscellanea

☒ Auto update database for reports at 3:00 ☐ AM ☒ PM

☐ Auto create and email reports / create web reports Report

☐ Enable password for Preferences and content viewing / reprinting czadmin

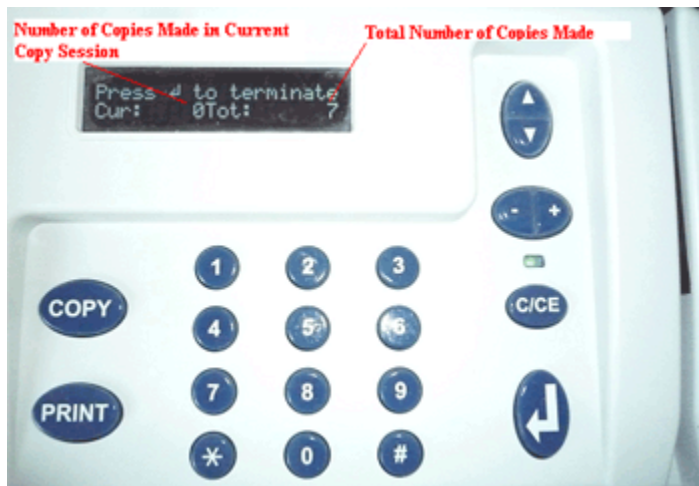
CZ Remote account manager password accadmin

Save Exit

2. In VCC, it shows "Press COPY button to copy".



3. Press COPY button, it shows the total number of copies made before and the number of copies made in current copy session.



4. After copying is finished, the name of the user who copy, destination copier name, number of copies made, total cost, copy request time and date are stored in the database. If the number of copies exceeds the maximum allowable limit per copy session specified for a copier, copy jobs are cancelled automatically and copier is disabled by VCC.

User	Description	Pages	Cost	Submitted	Copier	Sender
copier	Copy Job	2	0.20	10/2/2010 7:17:16 AM	Copier_192.168.1.10	999999
copier	Copy Job	3	0.30	10/2/2010 7:15:53 AM	Copier_192.168.1.10	999999
copier	Copy Job	2	0.20	10/2/2010 7:15:00 AM	Copier_192.168.1.10	999999

Copy Jobs Total Jobs: 3 Total Pages: 7 Total Cost: 0.70

5. In Preferences --> Users / Groups, the user 'copier' is created automatically if it doesn't exist.

User	Balance	Group	Account Number	Status	Pages Copied
copier	unlimited	Copy Users	999999	Enabled	7

Add Amount: 5.00 Set Group: Set Status: Refresh Import Export Print Add Remove Edit Group Set PIN: Save Exit