

## **RVCS (Retailing Verifiable Commercial System)**

RVCS Series include CVCS (Catering Verifiable Commercial System), RVCS SP2

Copyright all rights reserved by Hong Kong Design Studio

### **English Setup guide (Version 1.0.40)**

#### **Install Requirement**

- A.Windows 98/ME/2000/XP/Vista/Linux Fedora
- B.MySql Database
- C.Http Server Support PHP
- D.Internet Explorer/Firefox

#### **Installation Steps**

##### **1. Install mysql-4.0.17-win\setup.exe to default folder c:\mysql**

(MySQL will auto start after system reboot, user can choose to click c:\mysql\bin\winmysqladmin.exe in order to start server immediately. Type following information for MySQL server: User name: root, Password: root)

Windows Vista user has to install and startup server by either one of the following method:

- i) Install MySQL by User, right click winmysqladmin.exe, click Properties, choose Compatibility Tab, in Privilege Level, tick Run this program as an administrator
- ii) Activate the default hidden Administrator in Windows Vista
  - Click on the Start button
  - Click on Start Search (Vista Enterprise), Home Basic or Premiere: Start Menu\Programs\Accessories\Run
  - Type, cmd
  - Right-click cmd, select 'Run as administrator' from the shortcut menu
  - In the black 'DOS box', type the following at the command line:
    - Net user administrator password123 (or any other assigned password)
    - Net user administrator /active:yes
  - Check the message: The command completed successfully
  - Switch user or logoff and logon as default Administrator
  - Install mysql-4.0.17-win\setup.exe to default folder c:\mysql, click c:\mysql\bin\winmysqladmin.exe
  - Type following information for MySQL server:
  - MySQL user name: root, password: root

##### **2. Install Setup.exe (RVCS/CVCS) to default folder c:\Program Files\RVCS**

(Vista user has to right click 'Run as administrator' except default Administrator)

##### **3. Install install-php4.exe to default folder c:\php4**

(Vista user has to right click 'Run as administrator' except default Administrator)

In "Select Web Server" section, choose Apache 1.3, then locate httpd.conf file from c:\Program Files\RVCS\conf\httpd.conf

##### **4. Upzip rvcs\_database.zip to c:\mysql\data\rvcs\_database**

##### **5. Run Program: From Start Menu,**

**i) Choose -> Start Server    ii) Choose -> RVCS/CVCS**

**(Choose "Unblock" if Windows Security Alert)**

In Windows XP, (If Pop-up blocked, right click "Always Allow Pop-ups from this site")

To login RVCS without Full Screen Mode, user may access by:

<http://127.0.0.1/login.php> or <http://localhost/login.php>

#### **Remark**

- a) Login default username and password: Provided as installation
- b) Backup database files, from Start Menu, choose Backup DB to desktop to backup folder:

c:\mysql\data\rvcs\_database (Applicable for Windows XP and 2000 user)

c) Please unzip admin.zip (Unofficial version phpMyAdmin) to c:\Program Files\RVCS\admin

admin.zip is database tools that can be accessed by http://127.0.0.1/admin/index.php

d) User can setup the header and footer in Internet Explorer or Firefox's File->Page Setup

To print the receipt correctly, set the margin readouts as 0 and clear the header and footer information

Default header (IE): &w&b 第 &p 頁，共 &P 頁

Default footer (IE): &u&b&d

e) User should update my.ini and php.ini in Windows Directory in order to support Big5 language as well as database import function.

In my.ini, add following line below: basedir=C:/MYSQL

default-character-set = big5

In php.ini, edit data as follow:

max\_execution\_time = 3000 ; Maximum execution time of each script, in seconds

max\_input\_time = 600 ; Maximum amount of time each script may spend parsing request data

memory\_limit = 80M ; Maximum amount of memory a script may consume (8MB)

session.gc\_maxlifetime = 20000 (Especially for CVCS sessions, set the maximum lifetime to 5-6 hours)

upload\_max\_filesize = 200M (Please keep each csv file size smaller than 2MB in spite of this setting)

post\_max\_size = 80M (This enables import csv file larger than 2MB but requires a longer time)

f) User can save database in Excel format, use MS Office/Open Office to edit and save as (csv) format file,

\*Open office csv format: Use default Windows-950 (中文繁體) and separate settings (comma and “)

Open office First capital letter correct: 工具 > 自動校正 > 設定每個句首由大字母開始

Below are some useful tips and formula to input data:

i) In Menu Tab, select "Data" and then "Sort" to group data, "Edit" and then "Replace" to replace data

ii) Excel can also save time in inputting sequence integers and data, e.g. :

In Cell (A1) input 1, In Cell (A2) input 2, Choose and highlight (A1),(A2).

Then move cursor at the bottom right corner of (A2) and move down, user can get 3,4,5,6....

iii) In "Data" -> Text to Columns -> Delimited -> Other, user can set the separation criterion

iv) Combine data: In (C1) input =A1&B1, copy (C1) and select "Data" -> "Paste Special" value to (D1)

v) Do not use double quotation mark or put quotation mark at the end of the field, use 倉頡全 ’” instead

[倉頡 can simply type zxc(') zxcu(")]

To import csv file to database, choose RVCS "System setup", Input username and password (Optional).

\*Before import, CSV Database (rvcs\_database.csv) should save in: C:\Program Files\RVCS\admin\import\

Latest CVCS, RVCS SP2, and RVCS 1.0.5x or later support upload csv file functions before import.

In admin tools, select rvcs\_database from left hand side drop down list, choose rvcs\_database

Click Import (載入)

In Data Preview, click next

Database Connection Information, click next

Select rvcs\_database and rvcs\_printing, click next

Click Auto Match

Choose Add Record if user want to add record

Choose Edit Record and choose id as primary id if user want to update record

Click Next to finish

Choose rvcs\_items instead of rvcs\_printing if user want to import goods.

The steps are the same for different database's tables

To export data:

From left hand drop down list, choose rvcs\_database

Choose rvcs\_items (or other table that user wish to export)

Click Export (輸出)

Choose 輸出 MS Excel 的 CSV 格式

Tick 下載儲存

Click 執行

Choose Empty (清空) to clear data, Import (載入) to import data.

It is recommended that the maximum import data is around 10000 for each time so as to keep the import csv file smaller than 2MB despite edit post\_max\_size. The maximum output data is 65536 for each time.

Unofficial phpMyAdmin did not support SQL import and export. phpMyAdmin 2.11.8 support this function.

g) User can highlight and format date time column in CSV (Format Cells >> Custom >> Type: YYYY-MM-DD HH:MM:SS >> Save. In control panel, regional & language choose "Italy" and customize date before import

h) CVCS items memo:

Main Course 主菜:BU-C0 (21 selections at most)

Main Course2 主菜 2:CP-DF (17 selections at most)

Side Dish 配菜: R-Z (9 selections at most)

Side Dish2 配菜 2: AA-AF (6 selections at most)

CVCS network access setting (For XP or Vista Control Panel settings):

In Security Settings, choose the following options:

Sharing and security model for local accounts

Classic(傳統) - local users authenticate as themselves

i) If receipt printing is not required in the transaction part of RVCS / CVCS and only cash drawer is used. User have to set the security level in I.E.'s tool setting to facilitate the process of opening cash drawer: 工具 >> 網際網絡選項 >> 安全性 >> 自訂等級 >> 自動提示下載檔案 >> 啓用

j) To avoid employee edit the check-in or check-out time, user may disable the security setting or simply disable the Control Panel in Vista and XP:

Security Settings >> Local Policies >> User Rights Assignment >> Change the system time

安全性設定 >> 本機原則 >> 使用者權限指派 >> 變更系統時間 >> 剔除 Power Users

Click Start and type Group Policy Editor in the Search field.

Within the Group Policy Editor, expand the following: User Configuration | Administrative Settings | Control Panel

In the details pane, double click Prohibit access to the Control Panel.

Click Enabled and click OK.

To disable the Control Panel in Windows XP:

Click Start and click Run.

Type gpedit.msc and click OK.

Within the Group Policy Editor, expand the following:

User Configuration | Administrative Settings | Control Panel (使用者設定 | 系統管理範本 | 停用控制台)

In the details pane, double click Prohibit access to the Control Panel.

Click Enabled and click OK.

Thank you for choosing RVCS / CVCS System!