MacDONALD Computer Systems

*Part-Select*tm

ELECTRONIC CATALOG
Wincat Installation Guide

Electronic Catalog for Windows 9x/Windows NT 4.0
Version 1.31
Your Serial # is: | DEMO |

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*Part-Select*Ô **Wincat Installation Guide**

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System Requirements

- A 486 PC or higher personal computer
- At least 8 MB of memory (16 MB recommended)
- A minimum of 8 MB hard disk space for Part-Select Wincat files,
  plus the space required for the database files. The actual disk space
  required depends on which setup type is used.
- Windows 95/98 or Windows NT 4.0 or higher
- TCP/IP protocol installed
- VGA Monitor
- CD-ROM drive(8x or higher recommended if data is to reside on CD-ROM)

Preliminary Setup

Install TCP/IP

If additional help is needed please refer to Windows Help. Search for TCP/IP.

Assigning IP addresses

If you have a network card you must consult with your Network Administrator for a unique IP address
prior to installing TCP/IP. If you do not have a Network Administrator, congratulations you are now the
Network Administrator in charge of maintaining unique IP addresses for each workstation. You may use IP
addresses 192.168.0.x where x=1-254(example: workstation1= 192.168.0.1, workstation2= 192.168.0.2).
You will also need a subnet mask which may be assigned as 255.255.255.0. Make sure that you keep a list
of each workstation name and its IP address for reference.

How to Install the TCP/IP Protocol (Windows 95)

1.In Control Panel, double-click the Network icon.

2.On the Configuration tab, click Add, click Protocol, click Add, click Microsoft in the Manufacturers box,
click TCP/IP in the Network Protocols box, and then click OK.

3.You need only the following network components (but others may be listed):

   TCP/IP

4. If you do not have a network card skip to step 5.
   If you have a network card you must set the IP address by highlighting on TCP/IP for you network
   card(example: TCP/IP -> HP PC LAN Adapter/16TP Plus) and clicking the properties button. Go to the
   IP Address tab and select Specify an IP address. Now Enter the unique IP address and SubNet Mask.

5.Once the necessary components are configured, click OK, and then restart your computer when you are
prompted to do so.

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Installing/Upgrading Part-Select Wincat

1. Insert Part-Select Wincat Program CD in your CD-ROM drive. If your machine autoplays the CD then skip to step 4.

2. Open the Control Panel from the Start/Settings Menu and double-click the Add/Remove Programs icon.

3. From the Install/Uninstall tab, click "Install".

4. In the Welcome dialog box, click "Next".

5. Read the License dialog box, click Yes if you agree to the license.

6. Complete the User Information dialog box (enter the Serial Number printed on this installation guide or "DEMO" if installing for demo purposes).

7. In the Choose Destination Location dialog box, click "Next" to accept the destination folder path shown.
    Or
    Click Browse to select a different path, click OK and click "Next".

8. In the Setup Type dialog box, select one of the following setup types:
    1 Part-Select Wincat Programs & Data   (Server Wincat Data accessed from Hard Drive)
                       - 616 MB approx. disk space(new install)
                       - 8 MB approx. disk space(upgrade)
    2 Part-Select Wincat Programs Only (Server Wincat Data accessed from CD Drive)
                       - 8 MB approx. disk space
    3 Part-Select Wincat Client Programs Only (Wincat Client accesses Wincat Data via network)
                       - 8 MB approx. disk space

9. If your setup type is 1 or 2 then select the Windows Autostart option for the Part-Select Server and click Next(see NOTE below).
    NOTE: Select Automatic Start if other Part-Select Client computers are going to access the Part-Select Server on this computer. Select Manual Start if this computer is the only computer that accesses this Part-Select Server or if you manually want to control the starting and stopping of the Part-Select Server. If Manual Start is selected then the Part-Select Server will be started when executing Wincat(ps_open call) for the first time on this Part-Select Server computer.

10. If your setup type is 3 then enter the IP Address and accept the default Query Port where the Part-Select Server will be running and Click Next.

11. In the Select Program Folder dialog box, select the Program Folder to which the program icons will be added or specify a new one and click Next.

    The components selected by your Setup Type will now be installed.

12. If this is a software upgrade skip to step 13.
    If your Setup Type is "1 Part-Select Wincat Programs & Data" then when prompted , insert the Part-Select Wincat Data CD.

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13. If your setup type is 3 or your Serial # is DEMO skip to step 14.
    If this is the first install/upgrade to Part-Select Server based licensing the Part-Select License Manager will be executed. You will need to call the number indicated and ask for Part-Select Licensing. You will need the Validation Code from the upper right of the License Manager and the number of Client access licenses needed(or site license).
    Enter the License Key as given then click on save new License. Read the number of users shown to confirm the correct the number of Client users. Click on X in the upper right hand corner of the License Manager to exit the License Manager.

14. In the Setup Complete dialog box, click Finish.

What gets installed

Client

Program Files

```
Psaclnt.dll
pswsetup.exe
pbvm60.dll
pbfnt60.ini
pblab60.ini
pbodb60.dll
pbodb60.ini
pbrtc60.dll
pbtra60.dll
pbdwe60.dll
wincat.exe
```

Help Files

```
Demomode.rtf
Wincat.hlp
Wincat.cnt
Wincat.GID
```

Configuration Files

```
wincat.ini
pcar001.dat
cipq001.dat
```

Bitmaps

!partsel.bmp

Server

```
Instsrv.dll(NT only)
psa.exe
pscontrol.exe
pslic32.exe
```

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Server Data
```
Disctl.234 or Updctl
Dcfidx.234 or Updctl.idx
makesxl
mfgprc.dat
mfgprc.idx
Pcat.234 or Pcatxl
```

Disctl
This is the folder for the Primary and Alternate Manufacturer configuration files(used by Wincat Client).

Microsoft Redistributable Files
mfc42.dll
msvcrt.dll
olepro32.dll

Program Menu Items
Note: The following Program Menu Items are dependent on the Setup Type and all may not be installed:

Part-Select Wincat
- Part-Select License
- Part-Select Server Control
- Part-Select Wincat
- Part-Select Wincat Setup
- Uninstall Part-Select Wincat

Startup(Win 95/98)
- Part-Select Server (if selected for Operating System to Autostart upon logon)

Uninstalling Part-Select Wincat

NOTE: When uninstalling Part-Select Wincat, once **yes** has been selected to confirm
File deletion, there isn't a cancel. Therefore once **yes** has been selected, all Part-Select
Wincat components from prior install(s) in your install directory will be removed.

If you want to remove Part-Select Wincat from your system:
- Use the Uninstall Option from the Programs/Part-Select Wincat menu **OR**
- Open the Control Panel from the Start/Settings menu and double-click the
Add/Remove Programs icon. On the Install/Uninstall tab, select <u>Wincat</u>
And click Add/Remove.

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Updating Part-Select Server Data

For Setup Type 1- Programs & Data

1. Insert the latest Part-Select Wincat Data CD.
2. Run the autorun.exe by one of the following methods:
   a) If the CD-ROM drive is configured for autoplay then the "autorun.exe" will automatically be executed to automate the data update.
   b) If the CD-ROM drive isn't configured for autoplay then you must execute the "autorun.exe" via the Run Command from the Start Menu.

This automated process will check the CD to see if it has different data. If so it will shutdown the server if it is running, update the Server Data files, and upon successful Data update it will Restart the Server if it was running.

For Setup Type 2- Programs Only

1. If the Server is running, have all clients exit and then Stop the Part-Select Server via the Part-Select Server Control.
2. Insert the latest Part-Select Wincat Data CD.
3. Restart your Server via the Part-Select Server Control.
   (See **Troubleshooting Initial Install of Setup Type 2**)

Upgrading the Part-Select Server License

1. Open the Part-Select License manager.
2. You will need to call the number indicated and ask for Part-Select Licensing. You will need to present the Validation Code from the upper right of the License Manager and the number of Client access licenses needed (or site license).
3. Enter the License Key as given then click on save new License. Read the number of users shown to confirm the correct the number of Client users. Click on X in the upper right hand corner of the License Manager to exit the License Manager.
4. You will need to restart the Part-Select Server.
   (See **Manually Starting and Stopping Part-Select Server**)

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Troubleshooting

Changing the Logo for the printed parts estimate.

Edit wincat.ini in the installed folder and set the LOGO token of [Wincat Client] section equal to the full pathname of the bitmap you wish to use.

AutoStop the Part-Select Server running on the Wincat Client computer

NOTE: You must not do this if other Wincat Clients are configured to talk to the Part-Select Server on this computer.

To AutoStop the Part-Select Server running on the same Wincat Client computer when closing the Wincat Client(via ps_close), then edit the wincat.ini in the installed folder and set the AUTOSTOPSRV token of [Wincat Client] section equal to "Y".

Unable to connect to Part-Select Server

Error code –2.
See **Troubleshooting TCP/IP** below.

Troubleshooting TCP/IP

Open Start/Programs/MS-DOS prompt window.

1) At the MSDOS prompt type the command "ping 127.0.0.1".
   Example:
   C:\Windows> ping 127.0.0.1

   The response should be similar to:

   Pinging 127.0.0.1 with 32 bytes of data:
   Reply from 127.0.0.1: bytes=32 time <10ms TTL=32
   …
   Reply from 127.0.0.1: bytes=32 time <10ms TTL=32

   If your response does not look similar then you may have a problem with the installation of TCP/IP.
   Please see the **Install TCP/IP** section of this guide.

2) At the MSDOS prompt type try to ping the Server. The example given is for Part-Select Server IP address 192.168.0.1.
   Example:
   C:\Windows> ping 192.168.0.1

   The response should be similar to:

   Pinging 192.168.0.1 with 32 bytes of data:
   Reply from 192.168.0.1: bytes=32 time <10ms TTL=32
   …
   Reply from 192.168.0.1: bytes=32 time <10ms TTL=32

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 If your response does not look similar then you may have a problem with the installation of TCP/IP or possibly a network cable problem. Contact your Network Administrator to verify the network cable connections.
Also see the **Install TCP/IP** section of this guide.

Wincat(ps_open) error codes

Code	Problem	Solution
-1	Bad TCP port number(range 1024-65535)	Open the Part-Select Wincat Setup menu item. Verify the Query Port on both the Client and Server tabs are within range.
-2	Can't open stream socket	See **Troubleshooting TCP/IP**.
-4	Can't connect to Part-Select Server	Verify that the Part-Select Server is running. See **Manually Starting and Stopping Part-Select Server**. Or See **Troubleshooting TCP/IP**.
-5	Bad IP address/can't find ip address	Open the Part-Select Wincat Setup menu item. Verify the IP address is a valid IP address.
-6	Error on validating license	The maximum user licenses for the Part-Select Server has been reached. Upgrade your Part-Select license. See **Upgrading Part-Select Server License**.

Manually Starting and Stopping Part-Select Server

Open the Part-Select Server Control.
Click on Start to start. When started the Green light should remain lit.
Click on Stop to Stop. When stopped the Red light should remain lit.

Part-Select Server does not start

1) Verify the Date of your computer is correct. Try manually starting the Part-Select Server.
    If it still doesn't start then check the next item.
2) For NT, Review the event log. The Part-Select Data may have timed out. Please get the latest Part-Select Data and update the Part-Select Data. See **Updating Part-Select Server Data**.
    For Windows 95/98 a message box should indicate the failure.

Failure Opening Part-Select Server files

1) If the Part-Select Server is accessing the Data via the CD(Setup Type 2) then make sure the Part-Select Data CD is inserted into the CD drive.
2) Check the Part-Select Wincat Setup. Open the Part-Select Wincat Setup menu item. Click the Server tab. Verify that each of the server data files are properly named for the type of Part-Select Data(compressed/uncompressed) by selecting the Browse and select the folder where the Server data files are stored. If the appropriate file isn't listed then change the File of Type dropdown list box to select the appropriate file type.

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Part-Select Wincat always runs in DEMO mode

If your Part-Select Server computer has crashed currupting the license or you have replaced your disk drive then you must obtain a new license. See **Upgrading Part-Select Server License**.

Troubleshooting Initial Install of Setup Type 2 (Programs only)

The data cd installation does not initially identify the data cd files to the Part-Select Wincat. To solve this, insert the data cd a second time and the data files will be properly identified to the Part-Select Wincat.

*Part-Select*Ô Wincat Revision History

Part-Select Wincat 1.31 supercedes the Part-Select Wincat version 1.20.
Part-Select Wincat 1.20 supercedes the Part-Select Wincat versions 1.02/1.05/1.10/1.11.

Wincat 1.31 updates:
   -- Fixed crash on pressing void/restore on items screen after pressing clear all items.
   -- Corrected Blank display of Line Code when mfg code was 2 chars.
   -- Added INTEGRATETYPE token to the [Wincat Client] Section of the wincat.ini file.
      Settings are as follows:
         0 = (Default) Standalone Wincat
         1 = Show Post to POS button on Toolbar & Selected Item Screen
         2 = Post to POS on LoseFocus (When user clicks off the screen)
      Both 1 and 2 post the cipr file and clear Wincat for a new lookup.
   -- Changed the display of the Items screen to include a Check Box;
      checked means the part will be ordered, or double click will void
      it(another double click restores it).
   -- Added QUICKPOSTNOF token to the [Wincat Client] Section of the wincat.ini file.
      Settings are as follows:
         0 or not present = (Default) Wincat will ask for price info on the parts that are
                           not in the Mfg Price File(NOF).
         1 = The user must press the properties button to override the qty or price.
      Note that the price and qty can also be overridden in the item tab by
      clicking on the field you want to change.
   -- The Wincat setup program(pswsetup.exe) uses a more user friendly way
       of configuring which manufacturing prices Wincat will display.
   -- The License Manager was updated to accept temporary license keys in the year 2000.
   -- Added Part-Select Vendor Client transaction/communications version 1.2.

Wincat 1.20 adds:
 1.20f:
   -- Fix Part-Select server error(NT:Dr. Watson, Win9x illegal address)on the acceptance of the
        501 client connection.
   -- If the installation finds that Mitchell Repair is installed, then identify to Mitchell Repair where
        Part-Select Wincat is installed.
 1.20e:
   -- Changed area code from 805 to 661 in the Part-Select License Manager.
 1.20d:
   -- Fix installation write of AUTOSTARTSRV/AUTOSTOPSRV in INI file.
 1.20c:
   -- Adds default Display Control Files(Disctl files). Each disctl file will only be installed if the
       specific disctl file doesn't exist at the time of install/upgrade.
 1.20b:
   -- On NT, the install checks for Administrator privilege.
   -- The install will only execute if TCP/IP has been fully installed.
   1.20:
   -- Part-Select Server is able to process data via uncompress on the fly. It is able to read 2
       formats of Wincat Data: 1) uncompressed(original database format) and 2) compressed(soon
       to be the preferred data format).
   -- Autostart/Autostop of Part-Select Server when client(Wincat or ps_open/ps_close)
       opens/closes conection to Server and the Server is running on the same machine.

Wincat 1.20 fixes:
 1.20a:
  -- On NT, Get Dr. Watson error on NT logoff.
  -- On NT, Part-Select service path doesn't have quotes which causes error
     on starting service when Part-Select Wincat installed on non-root drive.
 1.20:
  -- Updated Part-Select Server Control to properly get Server status upon
     slow Server startup under Windows 95.
  -- Updated Install to allow update if programs/data is installed on a drive greater than 2GB.

Wincat 1.11 adds:
  -- the ability to install a temporary full access license(must obtain temporary license key from
     MacDonald Computer Systems).

Wincat 1.10 adds:
  -- the ability to run Part-Select Server as an NT Service under NT and
  -- under Windows 95 the Server runs as background task.
  -- Part-Select Server Control application to start and stop the Part-Select Server
  -- During the installation you have the choice for the Server "AutoStart" or "Manual Start".

Wincat 1.05 adds:
  -- the client licensing to Part-Select Server and removes the need for client security devices.