

**PWP Gateway 1.0
Installation Guide**

PWP Installation Guide Table of Contents

PWP Installation Guide Table of Contents	2
PWP Gateway Installation Overview	3
Installation Prerequisites and Requirements	3
Installing the PWP Gateway	4
Configuring the PWP Gateway service.....	7
Configuring PWP Gateway for Pcounter for Windows.....	8
Configuring PWP Gateway for Pcounter for Netware.....	9
The PWP Gateway Administrative Interface	10
Testing the Installation.....	11

PWP Gateway Installation Overview

This document describes the installation procedure of the PWP Gateway, that allows the Pcounter WebPay service to communicate with the local Pcounter data server.

For Pcounter WebPay to successfully communicate with Pcounter, in addition to installing the PWP Gateway as described here, firewalls must be opened for communication between the Pcounter WebPay's servers (specific source IP addresses will be provided by the Pcounter WebPay representative) to the local Pcounter server where the PWP Gateway is installed, on the port used (default port 7707).

Installation Prerequisites and Requirements

The PWP Gateway must be installed on the same computer that hosts the Pcounter data server service.

For Pcounter for Netware, the PWP Gateway must be installed on a Microsoft Windows computer with the Novell Client.

The PWP Gateway requires Pcounter Pro 5.21e for NetWare or Pcounter Pro 2.11e for Windows, or newer.

Minimum computer specifications for PWP Gateway: MS Windows XP Pro, Windows 2000 (Pro or Server), Windows 2003 or later. 25 MB disk space. A CPU fast enough and sufficient RAM to run the OS efficiently.

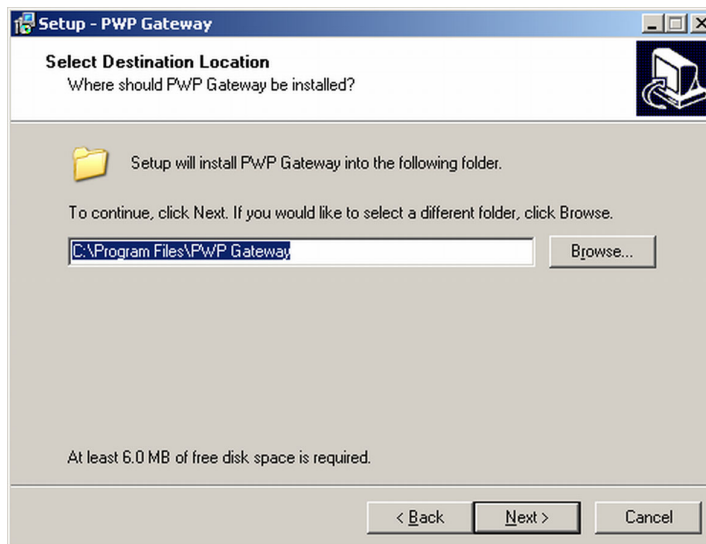
Installing the PWP Gateway

Start the installation procedure, by double-clicking the installer *PWPGatewaySetup.exe*. You should see the following screen.



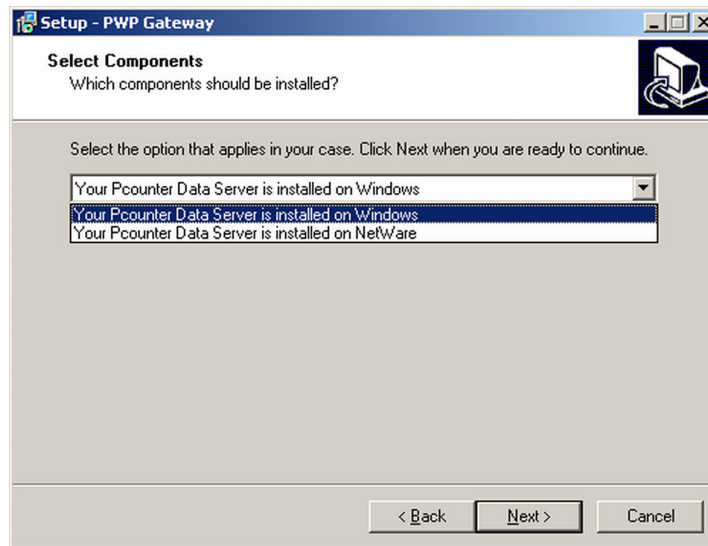
Click *Next*.

Choose the installation directory of the PWP Gateway.



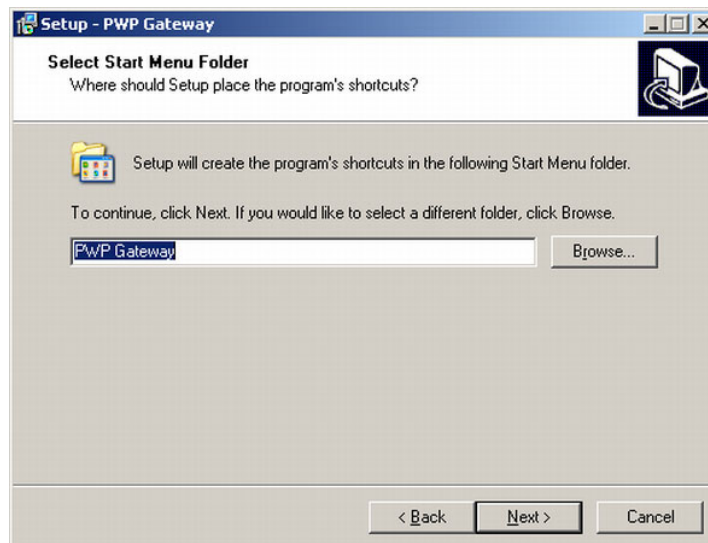
Click *Next* when done.

Pcounter WebPay



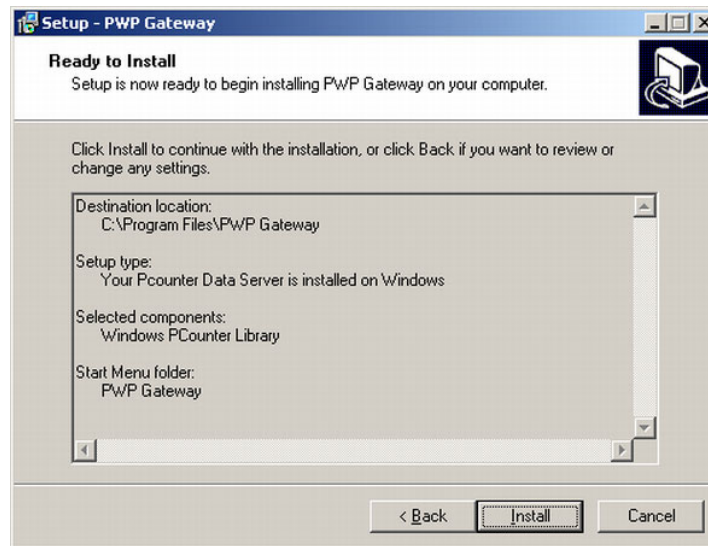
Choose if the Pcounter data server is Pcounter for Windows or Pcounter for Netware.

The installer will create start menu items to launch the gateway configuration.



Choose the Start Menu folder, or click *Next* to select default.

Pcounter WebPay



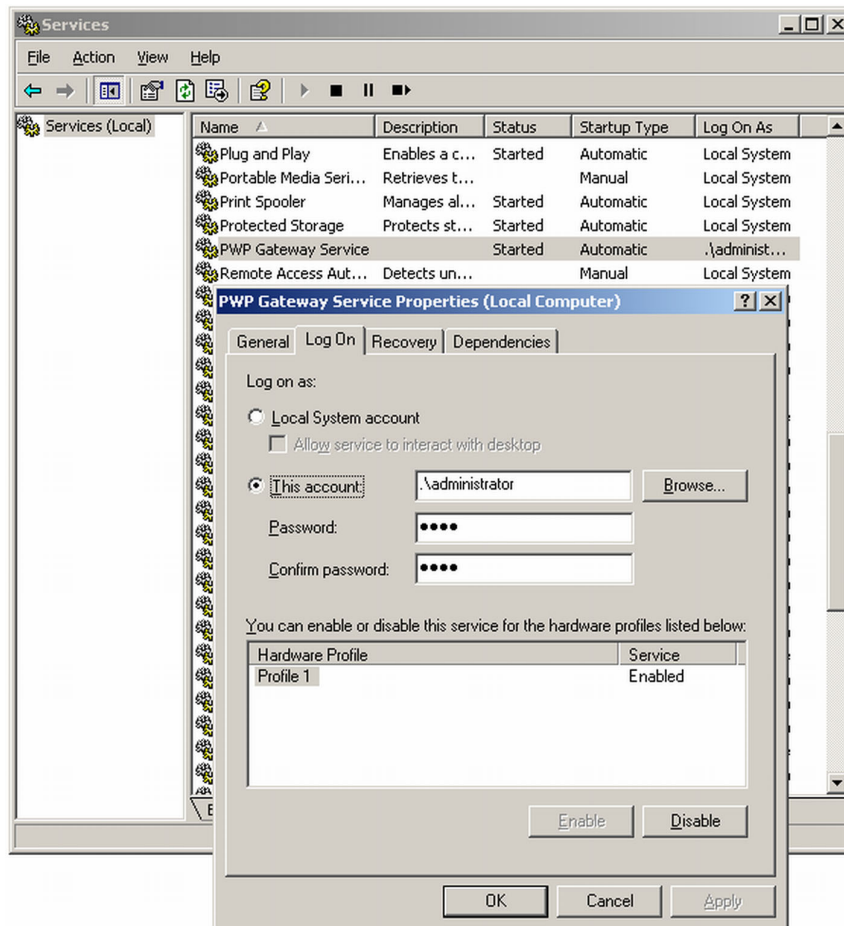
Verify the installation parameters, and click *Install* when ready.



On the final screen of the installation, click *Finish* to close the installer, and open up the Windows services screen, to configure log on properties for the PWP Gateway service.

Configuring the PWP Gateway service

You must provide a valid logon for the PWP Gateway service application so that it may access the Domain/NDS to validate Pcounter user accounts.



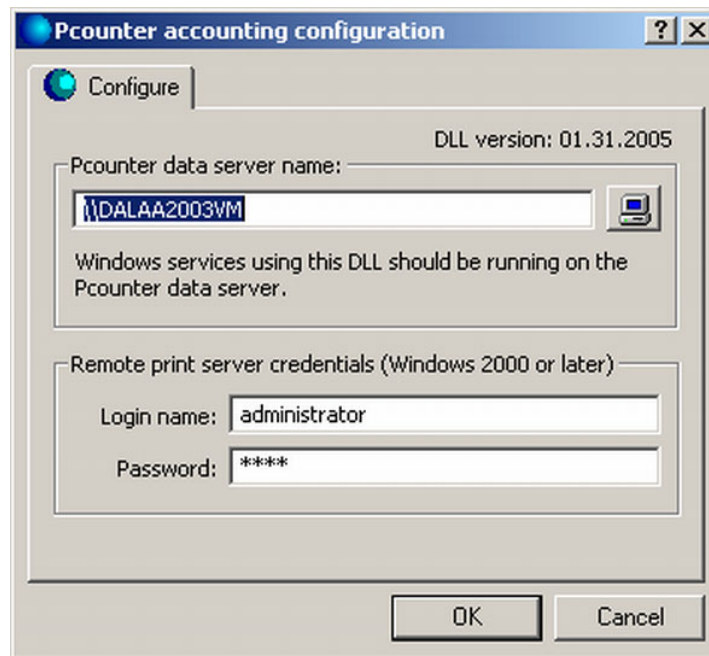
Either from finishing the installation or going to Administrative Tools -> Services, choose PWP Gateway Service's properties. Click on the Log On pane, and choose to specify a logon account instead of the Local System account.

Ensure that the logon account has the correct privileges to access and modify the Pcounter data, including modifying account balances. The account must also have the right to logon as a service on the local computer.

Configuring PWP Gateway for Pcounter for Windows

The Pcounter data server must be specified, as this is where the data is stored. The Pcounter data server must have been previously configured to have a PCOUNTER share and be running the Pcounter data server service.

Go to the Start menu, select in the start menu folder *PWP Gateway* and the item *Configure Pcounter*.



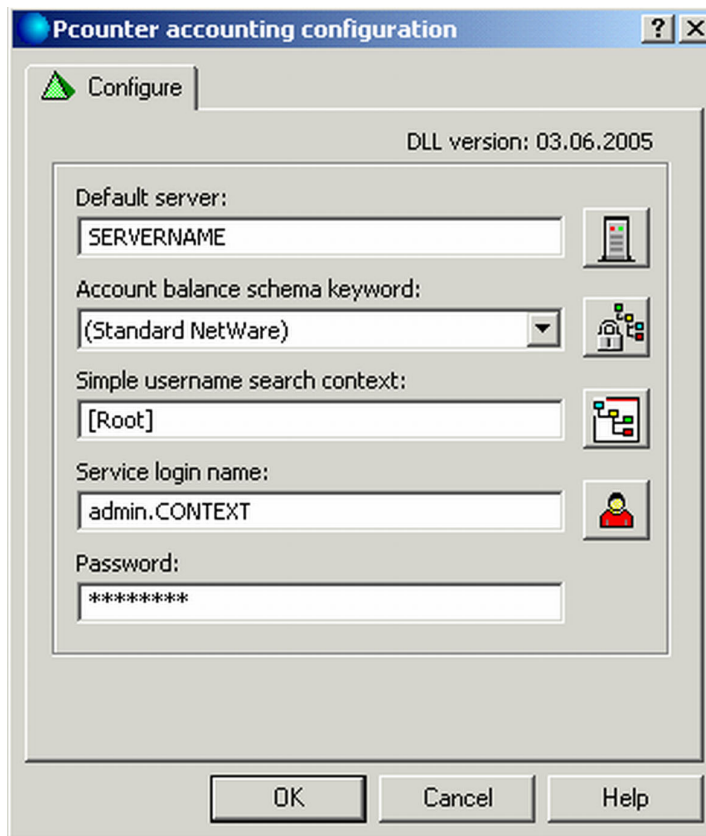
Enter the path to the Pcounter data server, or click the icon on the right, to browse the network for the data server.

Enter a valid Windows account with privileges to the Pcounter data share.

Configuring PWP Gateway for Pcounter for Netware

The Pcounter data server must be specified, as this is where the data is stored. The Pcounter data server must have been previously configured to have a PCOUNTER share and be running the Pcounter data server service.

Go to the Start menu, select in the start menu folder *PWP Gateway* and the item *Configure Pcounter*.



Choose the Pcounter data server in Default server

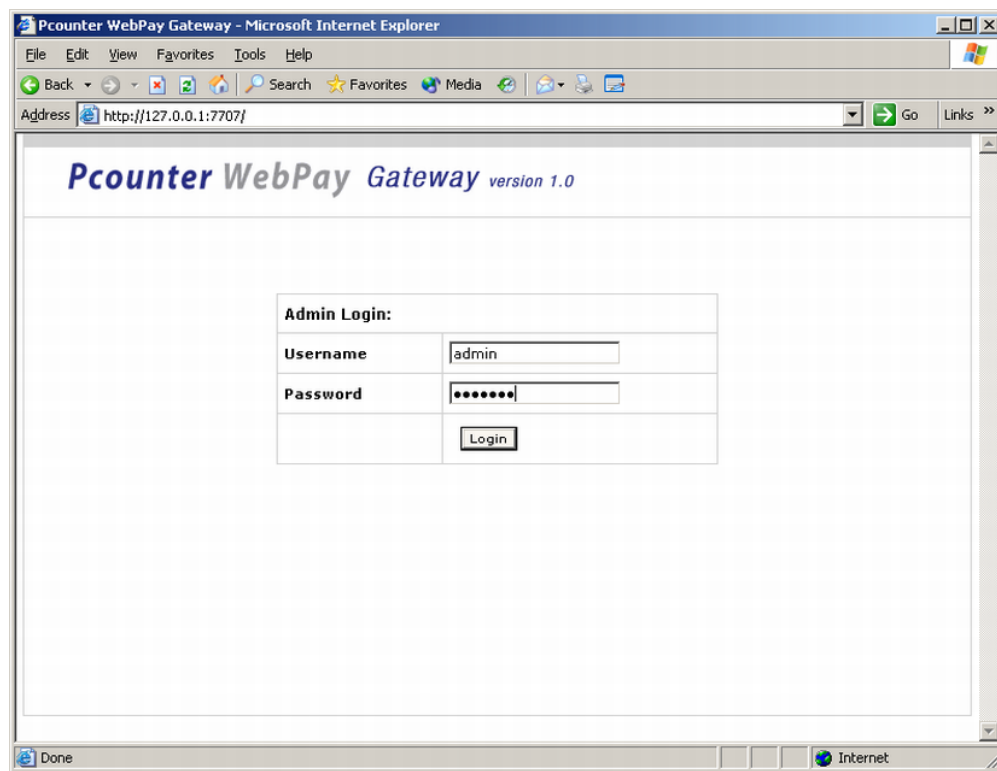
If all students are in a particular sub-context, for example "students.school", choose the context in *Simple username search context*, to significantly increase the user validation process, otherwise choose *[Root]*.

A fully qualified NDS username and password are required in order to provide credentials for the service to access the remote Netware server resources. This login does not affect users who are logged into the desktop.

The PWP Gateway Administrative Interface

The PWP Gateway includes an administrative interface that allows configuration, testing and debugging of the PWP Gateway. Open the PWP Gateway Admin from the start menu *PWP Gateway* and *PWP Gateway Admin*.

The PWP Gateway can be accessed directly in a browser via the address *http://localhost:7707* or the IP address of the computer running the PWP Gateway instead of *localhost*.



Login to the PWP Gateway with the following information:

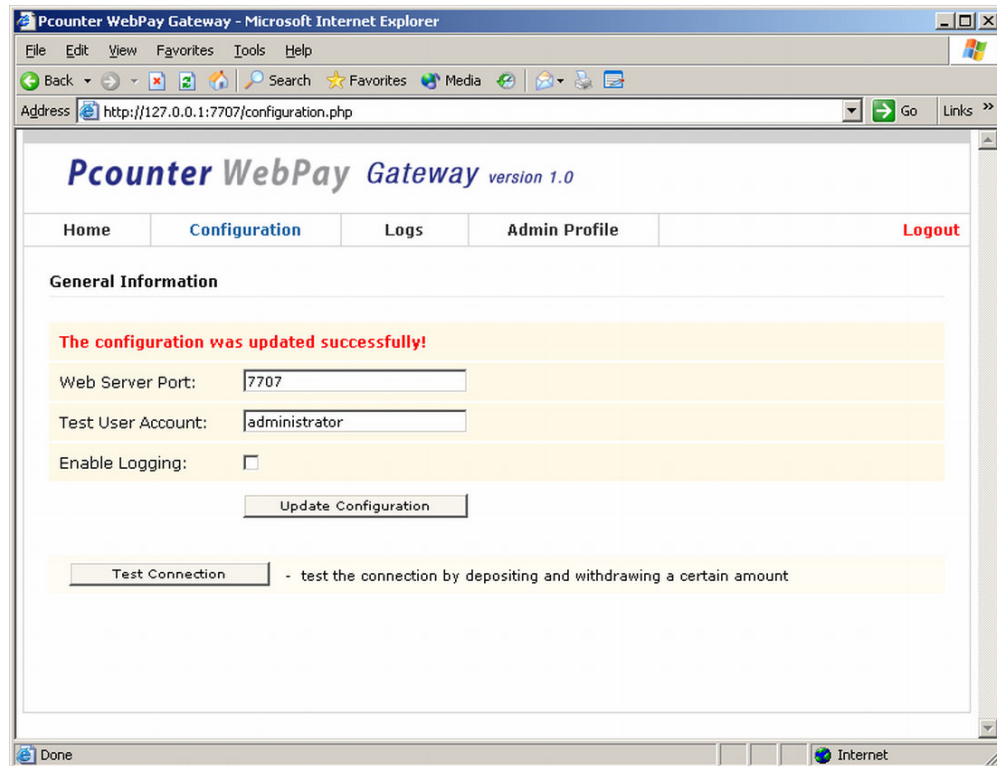
Username: admin
Password: gateway

You can change the administrative password from the *Admin Profile* page, once successfully logged in.

Testing the Installation

The PWP Gateway includes a self-test function, that verifies the connection to the Pcounter data server and performs an account test routine.

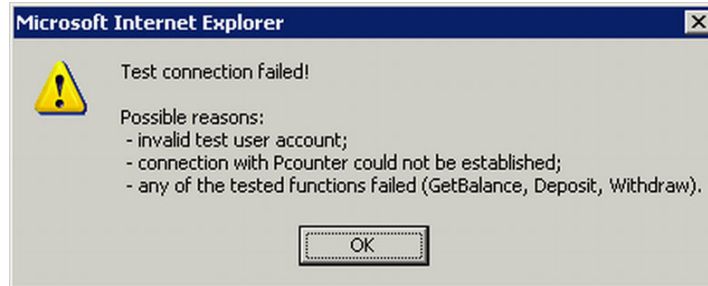
Log on to the PWP Gateway administrative area, and click to the *Configuration* page.



Enter the username of an existing Pcounter account in the *Test User Account*, click *Update Configuration*. Click the *Test Connection* button and if the PWP was installed and configured correctly, the following window will show:



If the test routine failed, the following window will show:



If the test connection failed, verify:

1. The PWP Gateway Windows service account has the proper read and write permissions to access the Pcounter share and data server.
2. The PWP Gateway Pcounter configuration is correct
3. The Pcounter test account is valid.

More information about the cause of an error can be found by enabling logging, then updating the configuration and repeating the Test Connection. With logging enabled, error information will be written to a log file, which can be accessed from the *Logs* page.