

PCSACC/400 Installation instructions for first time installation

V4R1M3

The Security concept for iSeries Access for Windows, TCP/IP FTP, TCP/IP TELNET 5250 and DDM

Installation requirements

Required version of OS/400: This program require **V4R3** of OS/400 or later. It is tested up to **V6R1**. Please follow the attached Ptf informations.

For **security level 40** the libraries **QPCS, QPCS2924, QPCS2929** and **QPCS2939** must be added to the system value **QALWUSRDMN**, if this values is not set to ***ALL**.

Warning: This programs are copyright. For installation a unique license number for your system is required, LPAR partition number is part of the license key. This number will be delivered with the Programm or send via email.

Installation Procedure

Time for installation will take appr. 10 minutes or less.

Please sign on as **QSECOFR** or as a user with class ***SECOFR** . Group profil QSECOFR is not sufficient for the installation process. The RSTLIB function allows installation during current system operations. **The exit programs always have to be activated manually.**

Installation via Internet (*SAVF)

1. Create a savefile QPCS using command **CRTSAVF QGPL/QPCS** in the OS/400 library QGPL.
2. Sign on to AS/400 via FTP from your DOS-window or using the run option. Switch to binary mode with 'BINARY'. Write the PC file into the savefile QPCS by using PUT.

C:\>**ftp hostname** or **FTP XXX.XX.X.X =====>>** Name or ip address of your iSeries (AS/400)

Conneted to hostname.

220-QTCP at WWW.PCSACC400.DE.

220 Connection will close if idle more than 5 minutes.

User (hostname:(none)): qsecofr

331 Enter password.

Password:

230 QSECOFR logged on.

Ftp> cd qgpl

250 „QGPL” is current library

ftp> binary

200 Representation type is binary IMAGE.

ftp> put c:\daten\qpcs.savf =====>> use the path name of the download

200 PORT subcommand request successful.

150 Sending file to member SAVF in file QPCS in library QPC

250 File transfer completed successfully.

FTP: 21749376 Bytes send in 25,40 seconds 856,41KB/s

ftp>

3. Restore program PCSINST into library QGPL by using the following command:

**RSTOBJ OBJ(PCSINST) SAVLIB(QPCS) DEV(*SAVF) OBJTYPE(*PGM)
SAVF(QGPL/QPCS) RSTLIB(QGPL).**

4. Call the installation program by using command **CALL QGPL/PCSINST '*SAVF'**

[Installation from CD-rom](#)

Please mount the cd rom in the optical device OPT01 (Please wait some seconds) and start installation process by using the command **LODRUN** and specifying **OPT01**. The system automatically restores the installation program PCSINST from cd rom for execution.

[Installation procedure](#)

The complete installation process will be performed automatically without any further user intervention. Informational messages appear during installation process and completion message will be displayed. At installation time the language is allocated dependend on the primary language, german 2929, german international 2939 and us english 2924 are supported.

Installation is now completed succesfully. Please, keep the installation protocol, file QPSRLDSP contains informations about installed objects and the printed joblog.

Not only libraries QPCS, QPCS2924, QPCS2929 and QPCS2939 have been created, but also userprofile QPCS and commands ADDPCSOWN, CHGPCS, CHKUSRPRF, CLRPCSLOG, CVTPCSLOG, CPYUSR, DSPCOPY, GETUSRTEXT, PCSNETA, PRTLOG, PRTPCS, PRTSPC, PRTUSR, RGZSET, RGZPCS and RGZMASTER are copied in library QGPL.

[Further actions after installation](#)

The password of user QPCS should be changed now. The user profile QPCS is member of the class *SECOFR. The name QPCS for user profile and library is reserved from rochester for PCSACC/400. It is not necessary to add library **QPCS** to system value **QUSRLIBL**.

Required OS/400 Ptf's: Please have attention also to ptf informations and tips. Required Ptf's have to be installed and applied prior to activation of interface programs.

[Register in PCSACC/400 as administrator \(USRPRF QSECOFR or QPCS only\)](#)

Call command **ADDPCSOWN** and specify the name of your user profile. You are now administrator of **PCSACC/400**.

Signon with your name and call command **CHGPCS**. This command is the main command for maintenance of **PCSACC/400** - all functions have to be executed via this command.

[Important notes before the activation of the exit programs](#)

For first use of TCP/IP TELNET - user exit programs, read chapter 6 in the online documentation first. Do not activate Telnet interface programs if you are exclusively using DHCP for IP address assignment.

[System value QRMTSIGN](#)

After activation of TELNET exit programs, the system value QRMTSIGN e.g. with value *FRCSIG-NON will no longer be checked. The field for Auto-Signon in the TELNET IP address file of CHGPCS has to contain value '0' in the default record '*.*.*.*'. This even is required, if the system value for TELNET control in PCSACC/400 still is set to '1' = no TELNET control.

Call activation of the exit programs

For activation of the exit programs use command **PCSNETA**.

The default setting of PCSACC/400 allows automatic registration of new users and logging of all accesses. No accesses will be rejected, all users can proceed operations without limitations. Eventually Existing interface programs can still be used as subexit programs.

New users will be assigned to group **QNEW** and can easily be identified on the entry menu. **QNEW** is being identified by the exit programs as marking entry.

Run activation of the exit programs

Via option '1' the interface programs that have to be activated can be selected. Changes will be executed by pressing the enter key. Following, workmanagement jobs have to be ended and restarted. F2 will show the screen for execution of all necessary actions. Depending on the status of the workmanagement jobs, some jobs have to be ended first and then restarted. The necessary actions can be selected via F2 and have to be confirmed by pressing F2 again. After execution of ending and/or restarting jobs you are now ready for production use.

Restart of workmanagement jobs can be performed via IPL, following a restart from restricted mode after e.g. daily save or later initiated from system console. Use function F9 to end and F10 to restart from command PCSNETA.

Automation of important tasks with ADDJOBSCDE

Call command **CHGPCS** and use option 03 to call the maintenance program for working with job scheduler entries. **ADDJOBSCDE** and **WRKJOBSCDE** are possible.

Option 10: Automatic conversion of log data daily. Use command **CVTPCSLOG** in order to automatically convert logged access data into access authorities, e.g. Once a day. That way you will receive an actual status about your system automatically

Option 11: Print disk space utilization once a week via command **PRTSPC**. That way you will receive a weekly overview about the disk utilization of **PCSACC/400**.

Option 12: Adopt user profile descriptions daily via command **GETUSRTXT**.

Option 13: Remove deleted user profiles daily from **PCSACC/400** via command **CHKUSRPRF**.

Change JOBQ, OUTQ and print format.

Default print format for all print output is Din A4. This format as well as output queue and job queue for all jobs submitted to batch can be adjusted via **PCSACC/400** system values. Call command **CHGPCS** and option 02, maintenance of system values.

Save library

Library **QPCS** will not be saved when performing save of all user libraries (**SAVLIB *ALLUSR**). It has to be added to the save procedure separately.

Size of log files

As all users are activated in test mode and logged data are converted into access authorities daily via command **CVTPCSLOG**, log files remain very small.

Reorganization

Command **RGZMASTER** should be included at the beginning of **QSTRUP Program**. Command **RGZPCS** will be executed by command **RGZMASTER**. Structure of command **RGZPCS** can be changed via **CHGPCS**, F16 applications and option 10. Command **RGZSET (*RUN, *BYPASS or *NEXTRUN)** can be used to control execution of reorganization command **RGZPCS**.

First steps after installation - how to work with PCSACC/400

All maintenance functions can be performed using command **CHGPCS**.

Please use in command **CHGPCS option 30 = documentation** the links to **First help** <http://www.pcsacc400.com/FIRST.htm> and in **News** informations about changes in **PCSACC/400 V4R1MX**. And you may use the **online documentation** containing special questions, problem descriptions and informations.

This manual especially should be used to become familiar with the application and to understand the following important functions:

- **actions after installation, performance tips**
- **creating authority data structures**
- **existing commands, programs, changing printer files**

It is recommended to gather experience with the application as test user and to activate authority for a single user only.

All other users will automatically be registered, access data will be logged and converted daily into access authorities by using command **CVTPCSLOG**.

Online guidance: Detailed, field sensitive help functions are available for all fields within the security database. Positioning the cursor to the appropriate field and pressing the help key will give you all necessary guidance.

Problem: some user profiles cannot be controlled by PCSACC/400

If user profiles exist whose activities do not appear in PCSACC/400 and new user profiles are working correctly, then old user profiles from OS/400 V2 are being used. Please delete these old user profiles using command **DLTUSRPRF** and create new user profiles with command **CRTUSRPRF**. Own authorities can be stored with an intermediate user profile. This is the only possible way to solve that problem and is recommended by Rochester.

Defect/non-defect support

Should you have any problems or questions, please send a fax to: **Busch & Partners 0049 (0) 4163 812828** or a **E-mail to Busch@pcsacc400.de** describing your problem or question.

In urgent cases you may directly call **0049 (0) 4163 811771 Busch & Partners**.

In case nobody can be reached, you may call cellphone number **0049 (0) 171 222 8689** with an mail box.

Ending of test period (only test versions with time limitations)

The interface programs **can** be deactivated by using command **PCSNETA**.

After expiration of test period the maintenance program CHGPCS can no longer be used. The interface programs will terminate controlling, log records will no longer be created and **all users can proceed operations without any limitations**. An error message will be sent to QSYSOPR once per day.

Caution: Sub exit programs will no longer be supported.