



SETUP EXAMPLE

Version 1.0 (or higher)

Example No.: EX0028

Product No.: PAG400

DDL Systems is pleased to provide this setup example for the ACO PAGER™ Message Alert System. This document describes detailed instructions on how to set up various product features to meet a specific business requirement. The examples are not all inclusive but are designed to aid your understanding of how specific product features can help you effectively manage your system.

If you have questions concerning this example, please contact our *SupportLine* by sending an e-mail to support@ddlsystems.com.

SETUP EXAMPLE

ACO Startup Command

Automatic Message Monitor Startup

This section describes the steps you will use to automatically start or end the ACO PAGER™ subsystem and Message Monitor(s). The Message Monitor(s) can be automatically started by modifying the iSeries 400® system startup program or by using the iSeries 400®'s internal job scheduler. The preferred method is to use the system startup program (QSTRUP).

Starting at IMPL Time (via QSTRUP program)

Please perform the following steps to use the system startup program (QSTRUP):



- __1. Sign-on the iSeries 400® with the security officer (QSECOFR) user profile.
- __2. Check QSTRUPJD job description to verify the user profile (usually QPGMR) the system uses during its normal startup processing. This user profile must have authority to the ACO user profile. If it does not, grant authority to this profile by running the following command:

```
GRTOBJAUT OBJ(ACO) OBJTYPE(*USRPRF) USER(user profile name)  
AUT(*ALL)
```

- __3. Verify the ACO user profile has the appropriate special authorities by running the command below:

```
CHGUSRPRF USRPRF(ACO) then, press <F4>.
```

You will be shown the following panels.

SETUP EXAMPLE

ACO Startup Command

Change User Profile Panel 1

```
Change User Profile (CHGUSRPRF)

Type choices, press Enter.

User profile . . . . . > ACO          Name
User password . . . . . *SAME       Name, *SAME, *NONE
Set password to expired . . . . . *NO        *SAME, *NO, *YES
Status . . . . . *ENABLED        *SAME, *ENABLED, *DISABLED
User class . . . . . *SECOFR      *SAME, *USER, *SYSOPR...
Assistance level . . . . . *SYSVAL    *SAME, *SYSVAL, *BASIC...
Current library . . . . . *CRTDFT     Name, *SAME, *CRTDFT
Initial program to call . . . . . *NONE      Name, *SAME, *NONE
  Library . . . . .           Name, *LIBL, *CURLIB
Initial menu . . . . . ACO        Name, *SAME, *SIGNOFF
  Library . . . . . *LIBL        Name, *LIBL, *CURLIB
Limit capabilities . . . . . *NO        *SAME, *NO, *PARTIAL, *YES
Text 'description' . . . . . 'ACO PAGER(TM) Message Alert System'  
More...
F3=Exit   F4=Prompt   F5=Refresh   F12=Cancel   F13=How to use this display
F24=More keys
```

4. On the Change User Profile panel press <F10> to view the Additional Options. Change the entries marked in bold type (if necessary) and press the <PageDown> key.

SETUP EXAMPLE

ACO Startup Command

Change User Profile Panel 2

```
Change User Profile (CHGUSRPRF)

Type choices, press Enter.

Additional Parameters

Special authority . . . . . *ALLOBJ      *SAME, *USRCLS, *NONE...
                          *IOSYSCFG
                          *JOBCTL
                          *SAVSYS
                          *SECADM
                          *SERVICE
                          *SPLCTL
                          + for more values
Special environment . . . . . *SYSVAL      *SAME, *SYSVAL, *NONE, *S36
Display sign-on information . . *SYSVAL      *SAME, *NO, *YES, *SYSVAL
Password expiration interval . . *NOMAX      1-366, *SAME, *SYSVAL,
*NOMAX
Limit device sessions . . . . . *SYSVAL      *SAME, *NO, *YES, *SYSVAL
Keyboard buffering . . . . . *SYSVAL      *SAME, *SYSVAL, *NO...
Maximum allowed storage . . . . *NOMAX      Kilobytes, *SAME, *NOMAX

More...
F3=Exit   F4=Prompt   F5=Refresh   F12=Cancel   F13=How to use this display
F24=More keys
```

- __5. Change the entries marked in bold type (if necessary) and press the <**PageDown**> key.

SETUP EXAMPLE

ACO Startup Command

Change User Profile Panel 3

```
Change User Profile (CHGUSRPRF)

Type choices, press Enter.

Highest schedule priority . . . 3          0-9, *SAME
Job description . . . . . ACOPAGER      Name, *SAME
  Library . . . . . ACOPAGER          Name, *LIBL, *CURLIB
Group profile . . . . . *NONE           Name, *SAME, *NONE
Owner . . . . . *USRPRF                *SAME, *USRPRF, *GRPPRF
Group authority . . . . . *NONE         *SAME, *NONE, *ALL...
Group authority type . . . . . *PRIVATE *PRIVATE, *PGP, *SAME
Supplemental groups . . . . . *NONE     Name, *SAME, *NONE
      + for more values
Accounting code . . . . . *BLANK
Document password . . . . . *SAME       Name, *SAME, *NONE
Message queue . . . . . ACO           Name, *SAME, *USRPRF
  Library . . . . . QUSRSYS         Name, *LIBL, *CURLIB
Delivery . . . . . *NOTIFY              *SAME, *NOTIFY, *BREAK...
Severity code filter . . . . . 0        0-99, *SAME
Print device . . . . . . *WRKSTN        Name, *SAME, *WRKSTN,
*SYSVAL

More...
F3=Exit   F4=Prompt   F5=Refresh   F12=Cancel   F13=How to use this display
F24=More keys
```

- __6. Change the entries marked in bold type (if necessary) and press **<Enter>** to accept your changes.
- __7. Run the following system command to verify the library name that your system uses to locate its system startup program:
DSPSYSVAL SYSVAL(QSTRUPPGM) then, **<Enter>**.
- __8. Modify the QSTRUP source program (normally stored in source file QCLSRC in library QGPL). Use the AS/400 Programming Development Manager (PDM) to make the changes shown in the sample program on the following page. The modified lines are marked in bold type.

SETUP EXAMPLE

ACO Startup Command

Sample Startup Program

```
/*-----*/
/*                                          */
/*  D D L  S Y S T E M S  C O N S U L T I N G,  I N C.  */
/*                                          */
/*  Program:      QSTRUP                      */
/*  Src Lib:      ACOPAGER                     */
/*  Obj Lib:      QSYS                         */
/*  Text:         ACO PAGER System Start-up Program */
/*                                          */
/*      (C) Copyright 1991-2004 DDL Systems Consulting, Inc. */
/*      All rights reserved - Confidential      */
/*-----*/
PGM
DCL VAR(&STRWTR) TYPE(*CHAR) LEN(1)
DCL VAR(&CTLSBSD) TYPE(*CHAR) LEN(20)
/*-----*/
/*      Start Print Writers                      */
/*-----*/
QSYS/RTVSYVAL SYSVAL(QSTRPRTWTR) RTNVAR(&STRWTR)
IF COND(&STRWTR = '1') THEN (DO)
QSYS/STRPRTWTR DEV(*ALL)
MONMSG MSGID(CPF0000)
ENDDO
/*-----*/
/*      Start Subsystems                        */
/*-----*/
QSYS/STRSBS SBSD(QSPL)
MONMSG MSGID(CPF0000)
      QSYS/STRSBS SBSD(QINTER)
      MONMSG MSGID(CPF0000)
      QSYS/STRSBS SBSD(QBATCH)
      MONMSG MSGID(CPF0000)
      QSYS/STRSBS SBSD(QCMN)
      MONMSG MSGID(CPF0000)
/*-----*/
/*      Start ACO PAGER                        */
/*-----*/
ADDLIB LIB(ACOPAGER)
MONMSG MSGID(CPF0000)
ACOSTRUP STATUS(*START) SBSD(*START) REPAGE(*START) +
      JOBMON(*START) TCPMON(*START) ESIMON(*START)
MONMSG MSGID(CPF0000)
ENDPGM
```

- __9. Compile the QSTRUP source program. Make sure that you qualify the object library name (determined in step 7) on the create CL program (CRTCLPGM) command. **If you fail to do so, your system will not use the updated version of this program. Verify that the QSTRUP program was compiled successfully by using the DSPPGM command.** If so, the system will start all ACO PAGER™ Monitors automatically when you IMPL your system.