

Installation for CryptoMondo V1R2M2

Please read this entire document before starting!

System i Minimum Requirements

Operating System: Version V5R4 or higher

Linoma's Crypto Complete: Version V1.52 or higher

Disk space: 10 MB

Pre-Installation Notes

Components Installed

CryptoMondo restores onto the System i as a Licensed Program named 4CRYPTM. After you restore this licensed program, the software (objects) will be contained in the library named CRYPMONPRD.

Authority Requirements

Only the QSECOFR user profile or a user profile with *SECADM authority can install *CryptoMondo*.

Installation of *CryptoMondo* requires authority to the following commands:

RSTLICPGM (Restore Licensed Program)

CRTLIB (Create Library)

CRTDUPOBJ (Create Duplicate Object)

JD Edwards Version A7.3 Compatibility

If you are running JDE Version A7.3, you will need to add perform some additional steps to fully utilize the *CryptoMondo* system. These steps will be in *italics*.

This option will replace the current F1 help program in A7.3 with the version that is in A8.1 and above. All functionality from A7.3 will be available, in addition to the Generic Exit functionality.

Product Installation

CryptoMondo is contained in a System i save file (*SAVF) which needs to be uploaded to your system. Perform the following steps to install *CryptoMondo* onto the system.

1. Sign on to the System i using a profile having *SECADM rights. This profile should have authority to the System i OS commands of RSTLICPGM, CRTLIB, and CRTDUPOBJ.

2. Create two temporary save files on your system by executing the following System i command:

CRTSAVF FILE(QGPL/CRYPTMBASE)
CRTSAVF FILE(QGPL/CRYPTMCTL)
CRTSAVF FILE(QGPL/CRYPTMA73) (A73 Only)

3. CryptoMondo is uploaded to the System i using FTP. Before proceeding make sure the FTP server is running on the system. To start the FTP server, issue the command: **STRTCPSVR SERVER(*FTP)**

4. The CryptoMondo product installation file is named CRYPTOMONDO.zip. If you do not already have this installation file download it from:
<http://www.palazzoinc.com/?q=CryptoMondo>

5. Extract the files from **CRYPTOMONDO.zip** into a new temporary folder on your workstation. Two files which will be extracted are System i save files named CRYPTMBASE.SAVF and CRYPTMCTL.SAVF. *A third file will be CRYPTMA73.SAVF which is only necessary for A7.3 installations.*

6. FTP the extracted save files from your PC to the save files created in step 2 above. Listed below are instructions for a Windows user:

- Open a DOS window.
- Enter the DOS command **FTP <hostname>**, where <hostname> is the host name or IP address of your System i.
- Login with your System i user id and password
- Enter the following highlighted FTP commands:
 - ftp> **BINARY** (switches the FTP session to binary mode)
 - ftp> **LCD \<tempdir>** (<tempdir> is the PC directory containing the files named CRYPTMBASE.SAVF and CRYPTMCTL.SAVF)
 - ftp> **CD qqpl** (changes the remote directory to the QGPL library)
 - ftp> **PUT cryptmbase.savf cryptmbase** (sends the PC file CRYPTMBASE.SAVF to the System i save file named CRYPTMBASE)
 - ftp> **PUT cryptmctl.savf cryptmctl** (sends the PC file CRYPTMCTL.SAVF to the System i save file named

CRYPTMCTL)

- *ftp> PUT cryptma73.savf
cryptma73*

*(sends the PC file CRYPTMA73.SAVF
to the System i save file named
CRYPTMA73) (A73 Only)*

7. Restore the licensed programs from the save files by running the System i commands:

**RSTLICPGM LICPGM(4CRYPTM) DEV(*SAVF) OPTION(*BASE)
SAVF(QGPL/CRYPTMBASE)**

**RSTLICPGM LICPGM(4CRYPTM) DEV(*SAVF) OPTION(1)
SAVF(QGPL/CRYPTMCTL)**

**RSTLICPGM LICPGM(4CRYPTM) DEV(*SAVF) OPTION(2)
SAVF(QGPL/CRYPTMA73) /* A73 ONLY */**

8. Delete the temporary save files by executing the following System i commands (optional):

**DLTF FILE(QGPL/CRYPTMBASE)
DLTF FILE(QGPL/CRYPTMCTL)
DLTF FILE(QGPL/CRYPTMA73) (A73 Only)**

9. The installed CRYPMONPRD and CRYPMONCTL libraries (and the objects contained therein) will initially provide authorities to the following users:

**QPGMR: *ALL authority
*PUBLIC: *USE authority**

The objects in these libraries should follow the same permission schema that you currently use for JD Edwards objects.

****(A73 Only) Note: If your system does not have the file F00944 be sure to rename the F00944E found in CRYPMONCTL to F00944. This will allow you to compile any of the CryptoMondo programs.***

****(A73 Only) Note: If you have multiple Common Libraries be sure to copy the F96012E and F96012LAE into each Common Library and rename them F96012 and F96012LA.***

10. Once you have completed the installation, enter **WRKLICINF *ALL** and ensure that you have **4CRYPTM V1 5001** installed.

11. Enter **VL** on the command line and press enter.

12. Enter **P924147** in the Form field and press enter. This program loads the SVR, Data Dictionary, Vocabulary Overrides, and Menu into your COMMON files.
13. Enter a **1** in the Option field next to a version and press enter.
14. Enter the following information into the corresponding fields:
 - Transfer Library name - **CRYPMONCTL**
 - Target Object Library - **Your Library containing your SVR, DD, and VO records**
 - Target Source Library – **Leave Blank**
 - Target New Files Library – **Leave Blank**
 - All Transfer fields on the following pages – **Enter 1**
 - Press Enter to submit to batch. Once this job has completed, the ENCRYPT menu should be available.
15. Modify your library lists placing **CRYPMONPRD** ahead of any JD Edwards object libraries and ensure that the **CRYPTO** menu is in the list. **CRYPTO** can be at the end. ***CRYPMONA73** must also be ahead of any JD Edwards object libraries (A73 only). It can be put ahead of the CRYPMONPRD safely.*
16. Enter **ENCRYPT** on the command line and the *CryptoMondo* menu should be displayed. Follow the instructions in the *CryptoMondo* Users Guide.
***Note: If you have Menu Security on then be sure to secure this menu as you have your other menus by using the MENUS command.**
17. Optional – if after running the **P924147** program you would like to remove the **CRYPMONCTL** library, you can uninstall **Option 1** of the **4CRYPTM** licensed program. The library will be deleted.

Upgrade CryptoMondo

To perform a proper upgrade of CryptoMondo, you will need to install the latest version in a separate library. You can then run the database upgrade utility from the ENCRYPT menu after it is installed.

