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PAL PACKAGE DEPLOYMENT GUIDE

Version 2.0 October 19, 2020

FREEDOM.PAY

NEXT LEVEL COMMERCE

Document Version History

VERSION	DATE	AUTHOR	REASON FOR CHANGE
2.0	2020-10-19	Sam Wildonger	<ul style="list-style-type: none">• Rebranded document• Added middleware version matrices
1.0	2020-03-06	Sam Wildonger	<ul style="list-style-type: none">• Created initial guide

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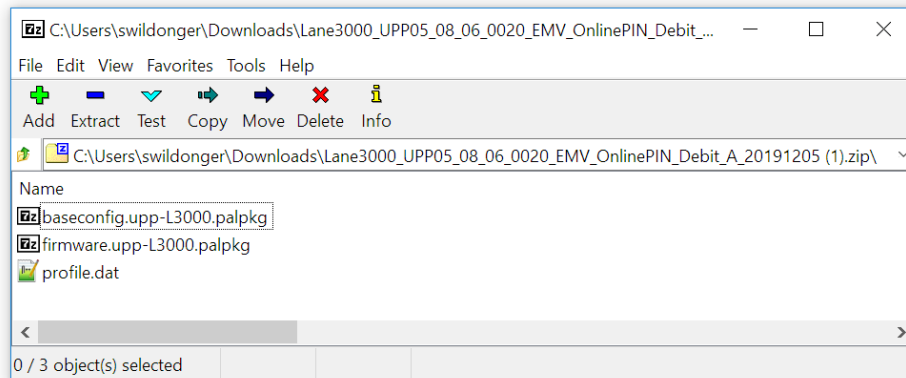
Minimum Middleware Versions to Support .palpkg

Middleware	Versions
FCC	4.1.2.2
FCCD Generator	18.14.0.3
Pay-At-Table	1.2.2.6
Aloha Integration ("Martin")	1.2.0.29
MsrLibrary	2.2.3.1

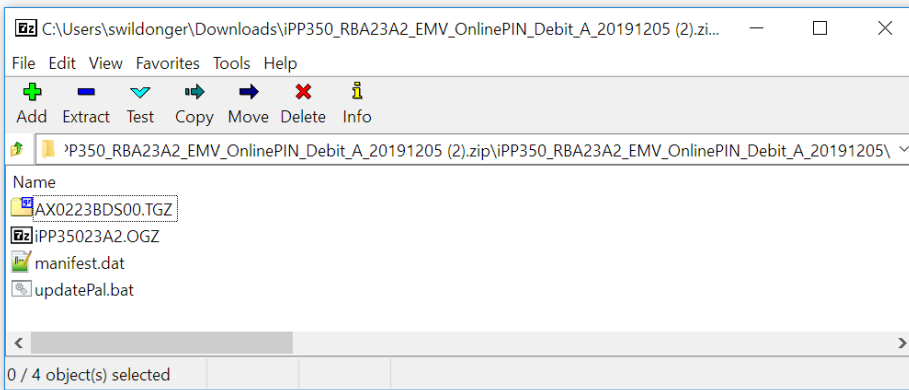
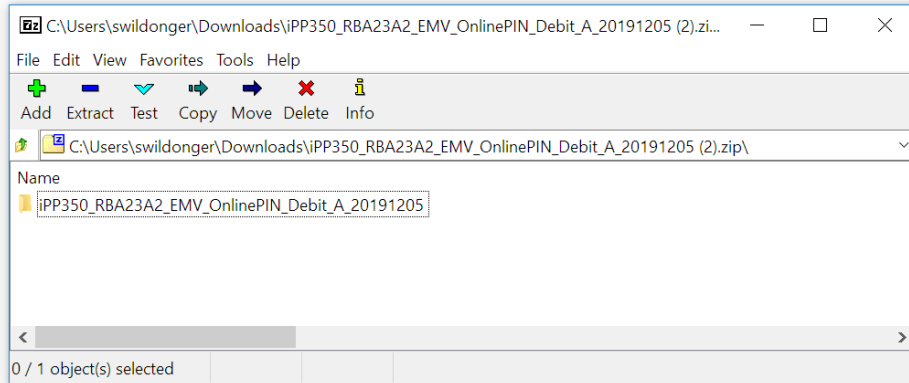
Deploying a PAL Package

1.1 Retrieving Files

1. Download the PAL package from the appropriate PAL package sub-page here: <https://freedompay.atlassian.net/wiki/spaces/PDT/pages/67764274/Ingenico>
2. If you do not have access to this page, please reach out to the FreedomPay Systems Integrations Team: systemsintegrations@freedompay.com
3. Unzip the file.
4. Once unzipped, packages will be in one of two forms:
 - a. **Scenario 1:** Includes a profile.dat with .palpkg files



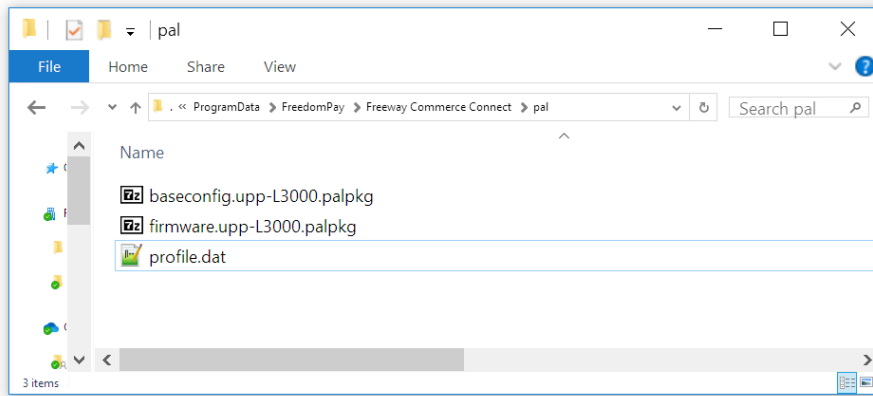
- b. **Scenario 2:** Includes folder with TGZ, OGZ, and manifest.dat inside



1.2 Deploying Base Packages with .palpkgs

See Scenario 1 above.

1. Copy and paste the contents of the files (profile.dat and .palpkgs) directly into the PAL folder:



- a. Typical PAL folder locations:
 - i. Standard FCC (configurable in the client config):
C:\ProgramData\FreedomPay\Freeway Commerce Connect\pal
 - ii. Pay-At-Table (configurable in the config file):
C:\ProgramData\FreedomPay\Atlas\pal

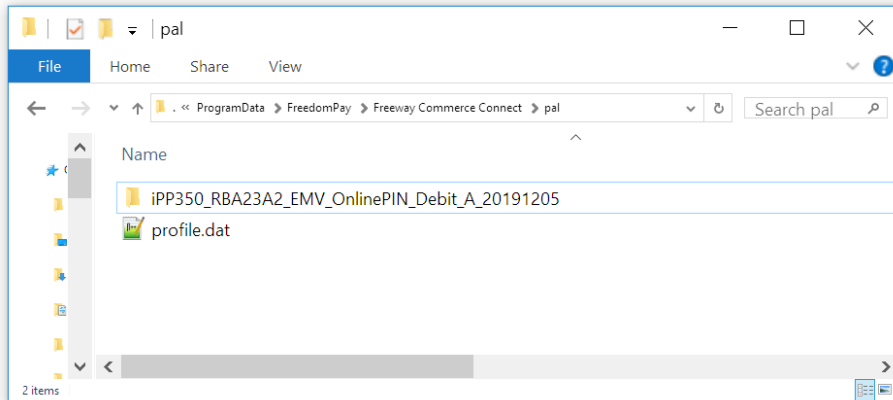
Note: You need admin rights to access this folder and may need to stop the FCC client service or the Pay-At-Table service in order to overwrite the profile.dat.

2. There should be no need to update the profile.dat unless you are adding supplemental packages. (See Supplemental Packages below) If adding in base package .palpkgs for multiple device types, you only need the profile.dat from one of the base packages and you do not need to update.
3. Restart your service or wait for PAL check to kick off PAL deployment.

1.3 Deploying Base Packages with open folder structure

See Scenario 2 above.

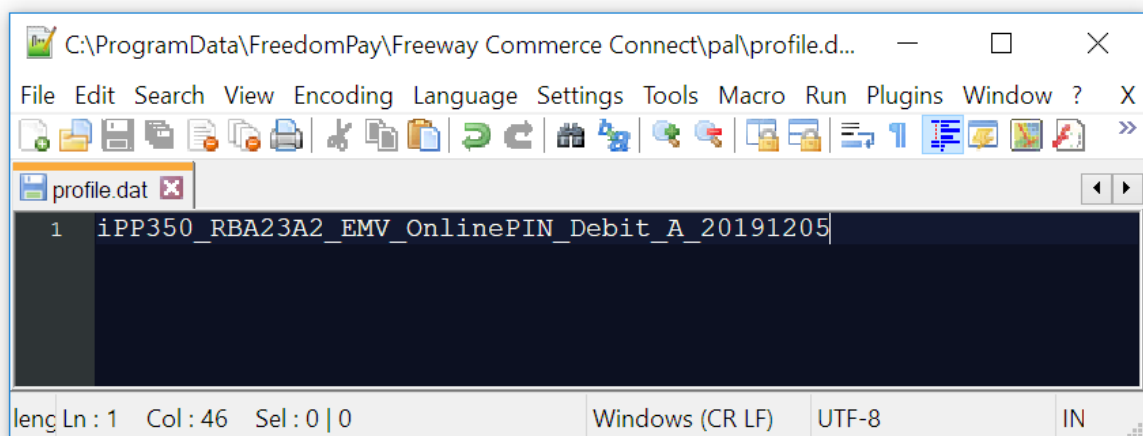
1. If the zip file contains an open folder with TGZ and OGG inside (example 2 above) paste the entire folder into the PAL folder and leave the existing profile.dat.



- a. Typical PAL folder locations:
 - i. Standard FCC (configurable in the client config):
C:\ProgramData\FreedomPay\Freeway Commerce Connect\pal
 - ii. Pay-At-Table (configurable in the config file):
C:\ProgramData\FreedomPay\Atlas\pal

Note: You need admin rights to access this folder and may need to stop the FCC client service or the Pay-At-Table service in order to resave the profile.dat.

4. Update (or create new) your profile.dat by adding the name of the folder into the profile.dat and saving the file.

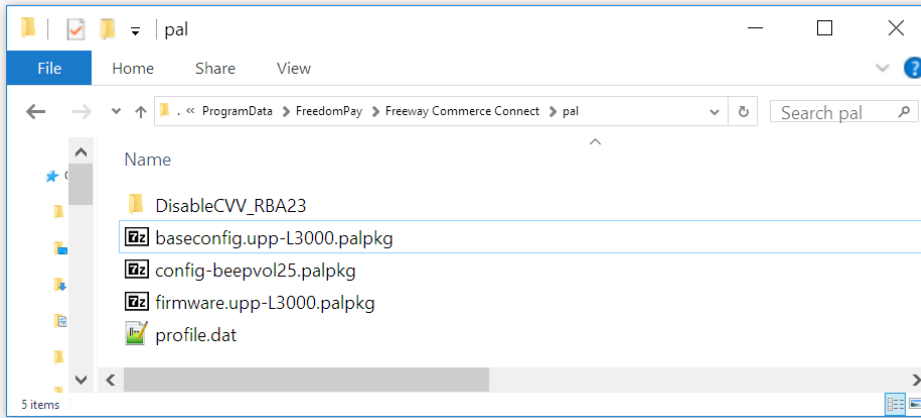


5. Restart your service or wait for PAL check to kick off PAL deployment.

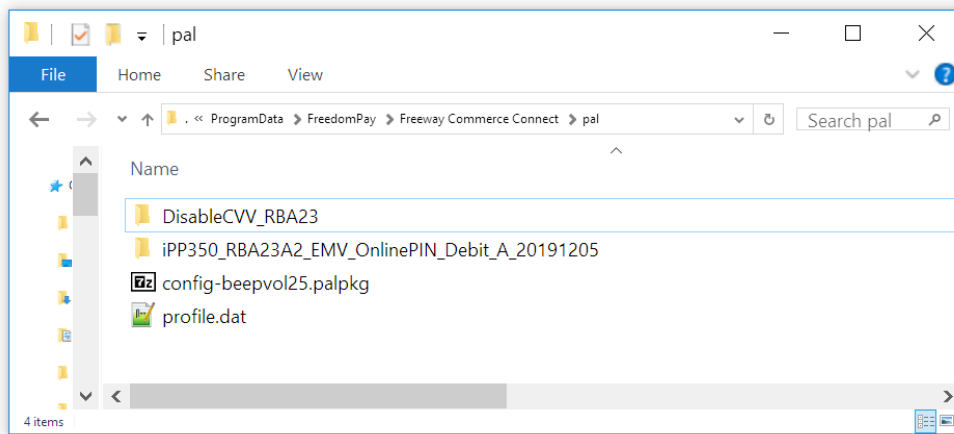
1.4 Supplemental Packages

When adding in supplemental packages, these can either be palpkg, open folders, or a mixture of both.

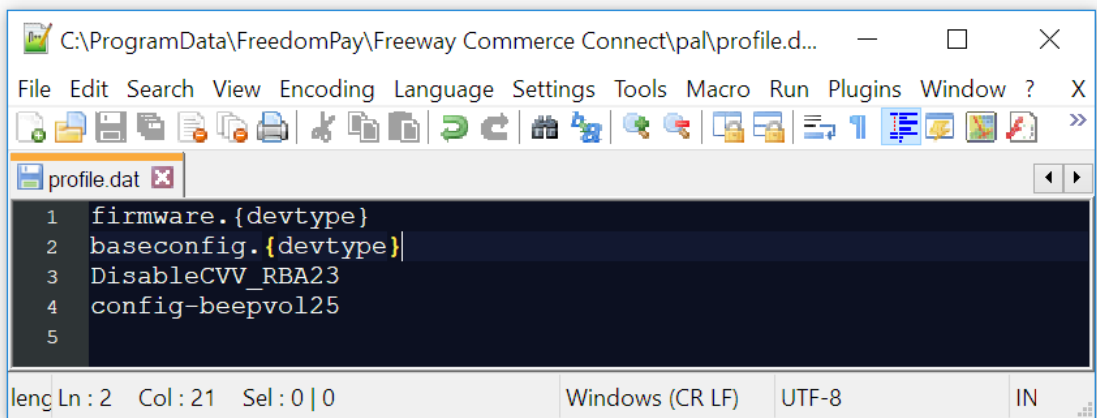
1. If there are any additional supplemental packages that need to be written, make sure these are in the same PAL folder as the base packages:



OR



2. To update the profile.dat add the supplemental package name after the base packages.
Note: for .palpkgs add the name without the extension:




```
1 iPP350_RBA23A2_EMV_OnlinePIN_Debit_A_20191205
2 DisableCVV_RBA23
3 config-beepvol25
4
```

OR

3. If only using .palpkg supplemental packages, they should always be written in this order:
 - a. firmware
 - b. baseconfig
 - c. config
 - d. emv
 - e. secbin
 - f. forms
 - g. ads
4. If using a mixture of supplemental package or all open folder packages, the order will depend on the packages involved.
5. Restart your service or wait for PAL check to kick off PAL deployment.

If for any reason, packages are not writing properly or you are not sure how to properly order packages in the profile.dat file, please reach out to the FreedomPay Technical Support Team:

TechSupport@freedompay.com .