

Autopay Online Plus

Encryption Requirements and
Technical Specification



NatWest

Purpose

The purpose of this document is to ensure you have everything in place for the installation of Autopay Online Plus Encryption module.

Please work through this document ensuring that all the required information is provided.

Encryption

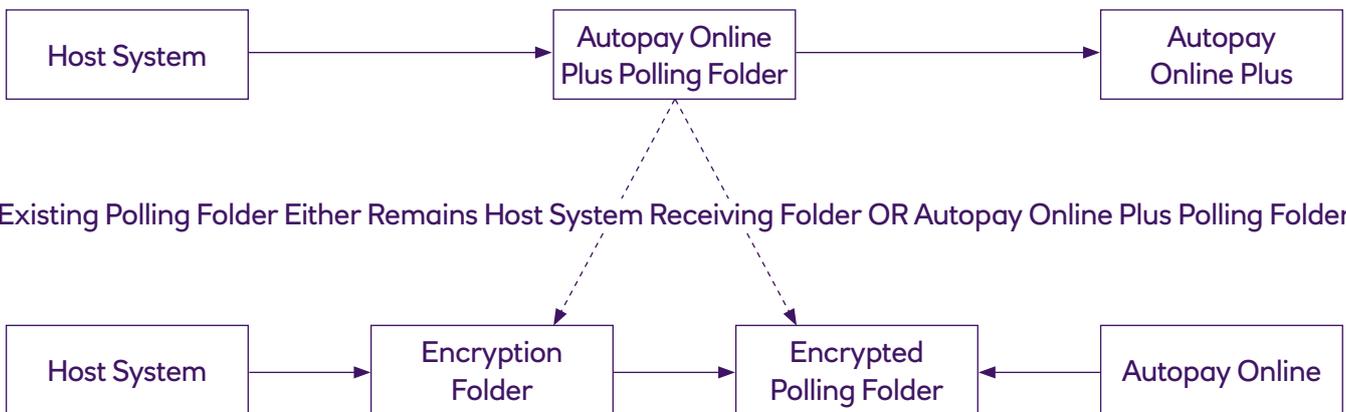
Encryption is an additional module which requires software to be installed to a network server or standalone PC folder.

Files are encrypted using AES algorithms by default. Once files have been encrypted they cannot be viewed or amended by anyone who attempts to open them without the decryption key.

The Encryption module is to be installed to the PC(s) or server(s) where the Bacs files are produced and can only be configured to pick up files from the location it is installed but can be set to output encrypted files to multiple network locations. Encryption is currently only supported with Windows PCs and servers.

Encryption acts as a windows service and will require a Domain Service Account (Domain SA) to run the service with read and write access to the related Bacs file locations.

For existing Autopay Online Plus customers simply adding Encryption, a new folder location will be required with the same permissions as the existing Autopay Online Plus polling folder for the Encryption module to be placed and encrypt incoming host files, or a new polling folder location for Autopay Online Plus to receive encrypted files:



For new Autopay Online Plus customers, both Encryption and Polling Folders will need to be created.

Supported Operating Systems

- Windows Server 2008 R2 Service Pack 1
- Windows Server 2012
- Windows Server 2012 R2
- Windows 7 Service Pack 1
- Windows 8
- Windows 8.1
- Windows 10

Autopay Online Plus Encryption Requirements

To use the Encryption module you'll need to confirm that the following items are in place within your organisation:

- The Encryption module is to be installed to all machines/file servers where the Bacs files are generated. The file paths for all the locations where Encryption will be installed to will be available for the installation

Note: Encryption is only to be installed to the PC(s)/server(s) where the Bacs files are produced.

- The Operating System of the server that Encryption is to be installed on is Windows 64 bit
- .NET 4.5.2 has been installed to the machines/file servers where Encryption will be installed
- Administrator access is available on the server that Encryption will be installed to
- A Domain Service or Local Account has been created to run Encryption with read/write access to the Bacs file locations and a non-expiring password

Note – It is essential that the correct permissions have been granted for the Service Account to access the Bacs File Locations

- You'll download the Encryption software and completed the base installation of the software
- A sample data file will be available for the BACS testing process

If the answer to any of the above questions is no, please contact our Implementations Team to discuss further.

If you have any questions or need some help with the information gathering, our Implementations Team will be pleased to help you.

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