



PositivePay – Issued Check File Specifications

Positive Pay: Preferred Specifications for submitting issued check files into Positive Pay. **Fields must be formatted the same in each file that is submitted. The key is consistency.** For Payee Match all checks must have payee information printed and cannot be hand written. Additional instructions available upon request.

Required Fields

The following fields must be supplied for each issued check:

- Check Number – the check serial number (recommended format is to have leading zeros)
- Check Amount – the amount of the check (recommended format 999999.99 with no leading zeros)
- Issued Date – the date the check was issued (recommended format mm/dd/yyyy)

Optional Fields

The Following fields may optionally be supplied for each issued check:

- Account Number – the account number for the check (**Note:** Required if multiple account numbers contained in one issued file)
- Client/Account ID – a bank-assigned value that represents the checking account
- Notes – miscellaneous notes related to the check
- Payee Name – the name from the payee line on the check (**Note:** Required if using Payee Match)
- Record Type – “I” for issued check, “V” for voided check

Other Fields

If additional fields are included in the issued check file, these fields can be ignored. However, it is recommended that only fields listed above are included.

Supported File Types

- Delimited text files
- Microsoft Excel files (including XLSX files)
- Fixed-width text files
 - **Note:** It is recommended that header and trailer records be omitted from all issued files regardless of the file type.

Delimited Text Files

A delimited text file is a file that has each field separated by a field delimiter. The most common delimited file format is a comma-separated values (CSV) file. An example of records from a comma-delimited file may look like this:

```
I, 123, 100, 12/31/2006, 123.66  
I, 123, 101, 12/31/2006, 1500.00  
I, 123, 102, 12/31/2006, 40000.00
```

Microsoft Excel Files

For Microsoft Excel Files (XLS and XLSX), each field should be listed in a separate column.

Fixed-Width Text Files

In a fixed-width text file format, each field occupies the same columns in each record. This record format is most commonly generated by mainframe-based accounting systems.



Payee Match Implementation Guidelines

Overview

The First Foundation Bank Positive Pay Check Payee Match process uses Optical Character Recognition (OCR) to identify the payee on the check image. OCR technology is not an exact science, due to many factors. This includes, but is not limited to:

- Image quality from the bank of first deposit
- Resolution of check image
- Inconsistent check stock format
- Noise (ink spots, watermarks, etc.)
- Condition of the scanned check (i.e. wrinkles)
- Font (weight/size of text)

Once a check image is scanned, the payee from the check is compared to the payee submitted by the corporate client in the issued check file. This comparison results in a “confidence score” (0 – 1,000). Since the OCR process is often not perfect due to the aforementioned factors, it is not uncommon for scores to be less than 1,000, even though the human eye cannot detect a deficiency. As such, while two check images may appear the same, the resulting scores may differ based on several factors.

The payee match process is an additional layer of security to help prevent payee fraud and will error on the side of caution creating payee name mismatch exceptions for your financial institution and/or customers to review.

Please comply with the following requirements to minimize unnecessary exception items; all standard check-printing guidelines also apply.

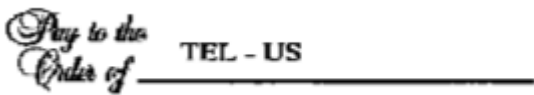
Check Stock

- Check background must be light in color and plain (no pictures or lines) to ensure payee name field can be easily viewed.
- Watermark/pantograph features are not acceptable in the Pay To the Order Of or Payee name area of the checks. When checks are image captured, these features may “bleed” through the document causing background interference in reading the payee name.

Font/Characters

- Payee name must be typed.
- All uppercase type is recommended for the payee name.
- Recommended font size is 12-point; fonts less than 10 points or greater than 16 points are not recommended.
- Bold font is not recommended.
- Recommended font styles are noted below in order of preference (fixed space fonts achieve the highest match rates).
 - Verdana
 - OCR A
 - OCR B
 - Arial
- The words “PAY TO THE ORDER OF” or acceptable variations (outlined in Printing/Placement section) must be printed in a machine-readable style vs. script and should be to the left of the payee names.

Unacceptable font style:



Printing and Placement

- Letters must have enough space between them so that they are not touching each other.
- Additional lines of data below the payee name should be spaced such that the characters do not touch the payee name.
- The number of spaces between words should not be more than 2 spaces.

Example:

- Acceptable: JOHN DOE
- Not acceptable: JOHN DOE
- Do not add characters and names close to the valid payee name information; any special codes or characters included on the same line as payee name should be at least two inches away. If they are not at least 2 inches away, include this information on your Positive Pay issue file as part of the payee name.
- Recommended to only include payee name on check one time
- Special codes, characters or bar codes should not be in the proximity of the TO THE ORDER OF, PAYEE NAME/ADDRESS field.
- Payee name may not be located in the top one inch of the check.
- The following variations of “PAY TO THE ORDER OF” are acceptable:
 - PAY TO THE ORDER
 - PAY TO
 - PAY
 - TO THE ORDER OF

- A minimal amount of space, 2-8 characters, must be left between “PAY TO THE ORDER OF” and payee name; the payee name must not touch “PAY TO THE ORDER OF”
- The payee name must be located not more than 15 characters (one inch) from the last word of the PAY TO THE ORDER OF variation.

Issue File Requirements

- Words or symbols used in conjunction with payee name (e.g. MR., MRS., MISS, or, &, AND) must be included on the issue file
- Payee names listed on checks must match exactly the name listed on the Data Transmission issue file. Do not list check as JOHN DOE and put the same name on the issue file as DOE, JOHN
- If more than one payee name is printed on more than one line, it is recommended that the line break should be indicated on the issue file with the vertical bar character “|”
- Character positions on the transmission after the payee name may be left blank (preferred). If filler is needed, the asterisk (*) symbol must be used. Any other symbol would be construed as part of the payee name.
- Only the first 120 characters of the issued payee name uploaded into Positive Pay will be compared against the paid check image

“Attention To” or “Care Of” Recommendations

- The following variations of “ATTENTION TO” or “CARE OF” are acceptable; (colon is optional)
 - ATTENTION TO:
 - ATTENTION:
 - ATT:
 - ATTN:
 - IN CARE OF:
 - CARE OF:
 - C/O:
- Clearly identify names in the address field with the words “ATTENTION TO” or “CARE OF to distinguish the distribution point from the payee name; placing a distribution point in the address field will minimize exceptions.
- “C/O” or “ATTENTION” or any variation will not be included in the payee name match process and should not be included on the issue file
- If “C/O” or “ATTENTION” is not used, include the name and distribution point in the issue file.