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# **ITK Positive Pay - Check Checker**

**Microsoft Dynamics 365 For Operations Enterprise Edition**

**Version 1.0**

**Jan 2, 2018**

## Revisions

### Change Record

Date	Author	Version	Change reference
12/21/2017	RvB	1	Initial version for 365FO

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## Introduction

This document describes the functionality of ITK Solution Group's Positive Pay enhancement for Microsoft Dynamics 365 For Operations (365FO).

Standard AX does have Positive Pay file generation functionality, but the setup is complex due to the use of XSLT to format the file.

The ITK enhancement is a simple piece of code that extracts the required info directly from the Cheque table (BankChequeTable) and writes it to a flat text file.

The current version (1.0.0.1) supports 3 bank formats:

JP Morgan Chase

Union Bank

PNC Pinnacle



## Setup

In order for the program to generate the file, new fields are added to the Bank setup.

The 'Use ITK Pos Pay' field needs to be checked to enable the bank for Pos Pay file generation:

"Cash and bank management" "Bank Accounts" -> "Bank Accounts" -> Select bank record -> : Field "Use ITK Pos Pay"

The 'Format' field needs to be set to the format that the bank requires. This is done in the same screen (see below)

Currently (Code version 1.0.0.1) JP Morgan Chase, Union Bank and BNC/Pinnacle are supported.

The screenshot shows the Dynamics 365 Finance and Operations interface for setting up a bank account. The breadcrumb trail is: Cash and bank management > Bank accounts > Bank accounts. The page title is "USMF OPER : Operating account - USD". The "General" tab is active, showing fields for Routing number type (at), Bank account (USMF OPER), Routing number (123456780), and Bank account number (34567453). The "INTERNAL INFORMATION" section includes Main account (110110), Company statement name (USMF Operations), Destination name, and Name (Operating account - USD). The "CURRENCY" section shows Bank groups (BankUSA), Currency (USD), and a toggle for "Allow transactions in additional curre..." set to "Yes". The "ACCOUNT ACTIVE STATUS" section shows "Active from". The "POSITIVE PAY FORMAT" section shows "Active to", "Bank account status" (Active for all transactions), "Credit limit", and "Format". The "Use ITK Pos Pay" field is highlighted in yellow and is checked. The "ITK Pos Pay Bank" dropdown is set to "Union Bank". The "Positive pay start date" is 2/26/2018.

## Generating the file

Open “Cash and bank management” -> “Periodic Tasks” -> “ITK Positive Pay – Pay Checker”

### Create Positive Pay file ?

Parameters ^

**PARAMETERS**  
Reproduce file for previously reporte...  
No

Records to include ∨

Run in the background ∨

### Explanation of fields:

#### **“Reproduce file for previously reported checks?”**

When the Pos Pay file generation runs, it populates a (new) field on the check: “Included in ITK Pos Pay” :

“Cash and bank management” -> “Inquiries and Reports” -> “Bank Accounts” -> “Checks” -> “General” tab:

The screenshot shows the Dynamics 365 Finance and Operations interface. The navigation pane on the left includes Invoices, Transactions, Voucher, Payment reversal, Create checks, Delete checks, and Print check copy. The main area displays the 'Checks' page with a search filter and tabs for Overview, General, and Remittance. The 'General' tab is active, showing a table of check details. A yellow box highlights the 'Included in ITK Pos Pay' field, which is currently set to 'Yes'.

Bank account	Amount	Recipient name	Reason code	Date	Created by
USMF OPER	619.97			12/19/2017	Admin
Check number	Recipient type	Company accounts	Reason comment	Voucher	Modified date and time
793	Vendor	usmf		APPM001220	12/19/2017 08:08:01 PM
Currency	Recipient	Voucher	STATUS	Created date and time	Modified by
USD	1002	APPM001220	Status Paid	12/19/2017 08:05:51 PM	Admin
<b>Included in ITK Pos Pay</b> Yes <input checked="" type="radio"/>					

The field is checked if the check has been exported to a Pos Pay file. This is to prevent exporting the same transaction twice.

If for some reason transactions **do** need to be exported again, then the “Reproduce file for previously reported checks?” field can be checked. When checked, 2 new fields appear: “From date” and “To date”. This allows the user to export already exported checks using a date selection:

The screenshot shows a web form titled "Create Positive Pay file" with a help icon (?) in the top right. Below the title is a section labeled "Parameters" with an upward arrow. Under "PARAMETERS", there is a toggle switch for "Reproduce file for previously reported checks..." which is currently turned "Yes". To the right of the toggle are two date pickers: "From Date" with the value "12/21/2017" and "To Date" with the value "12/23/2017". Below the parameters section are two expandable sections: "Records to include" and "Run in the background", both with downward arrows.

**Under “Records to Include”:**

**“Use ITK Pos Pay”**

This field cannot be edited, it is hard coded to make sure that only checks for banks that have the ‘Use ITK Pos Pay’ field set are exported.

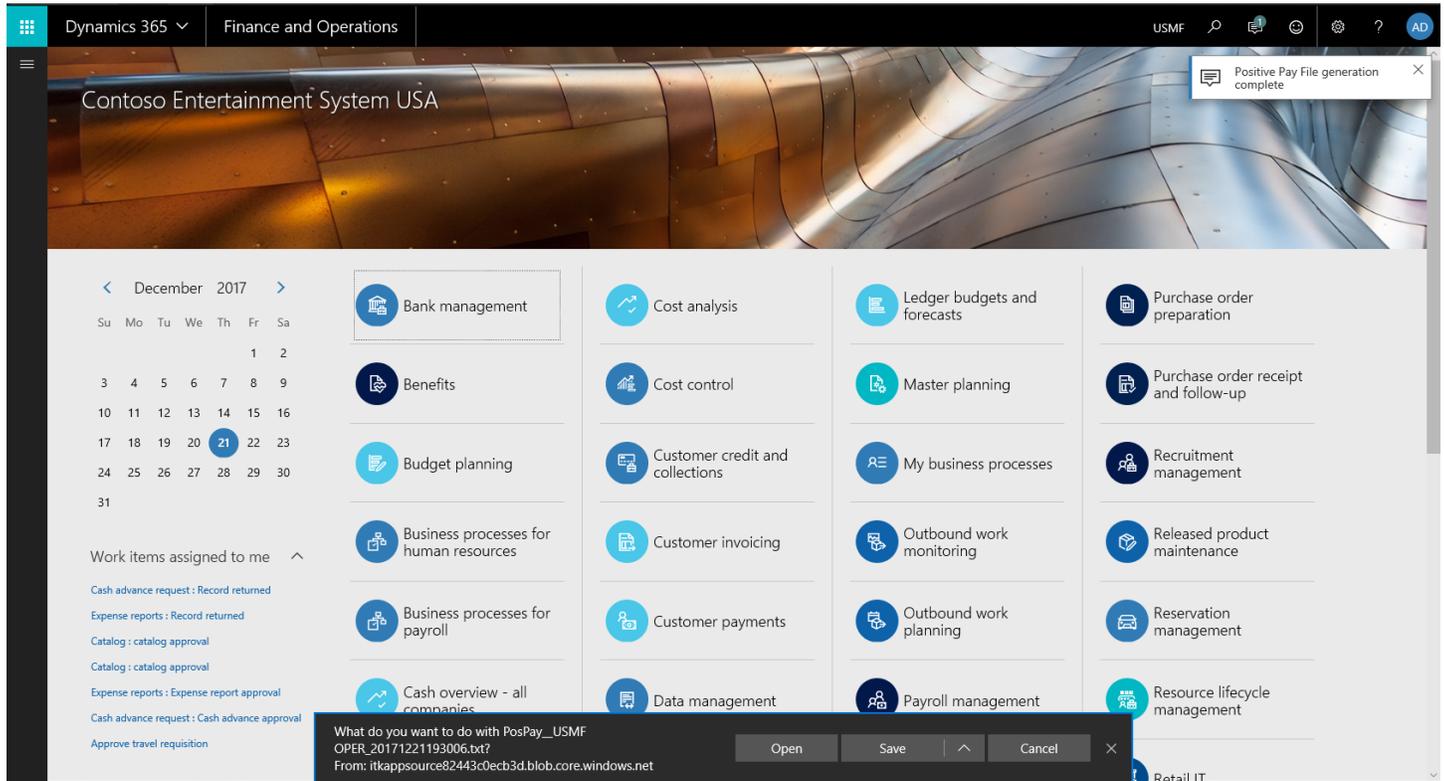
**“Bank account”**

The user can select the bank account here if the file needs to be generated for a specific bank. If this field is left blank, then all not-previously-exported checks for all banks that have the ‘Use ITK Pos Pay’ field set will be exported.

## Output

When the program is complete, the UI will ask the user what to do with the generated file.

It can be opened and/or saved in a specific location, depending on browser settings:



## Security

A new role has been created to give users access to the new functionality.

The role is called 'ITK Positive Pay'

### Assign roles to user

Select additional roles to assign to this user

#### COPY SETTINGS FROM USER OR GROUP

ID  Include organizations  
Yes

✓	Role name ↑ ↓	License
	ITK Positive Pay	None