



## Bank Payment Automation (BPA)

### Automatic bank payment processing

Developed as an add-on to Microsoft Dynamics 365 for Finance and Operations, BPA enables users to process bank payments automatically. It establishes secure connection between Dynamics 365 and the bank's payment system, and facilitates efficient, fast payment processing of corporate disbursements through several bank payment file formats such as ISO 20022 XML, NACHA, NYCHA, and SEPA.

BPA generates payment files for the bank to process requested payments. Bank then validates and processes the transactions in the file and provides the response file. BPA reads it at predefined intervals and verifies the payment status of all the requested line items in payment journal. The payment status then is updated in Dynamics 365.

Users need to configure BPA with a one-time setup. Once configured, it provides a single solution for the automation of bank payments to attain speed and accuracy, while maintaining complete control over operations and performance.

**70%** *Increase in the efficiency of resources*

**85%** *Risk and error reduction*

**90%** *Time savings with automation of the bank payment cycle*

### High-level Functionalities



#### Generation of payment request on single click

BPA connects the bank's payment system with Dynamics 365 through a secure channel of communication to manage the complete payment cycle. Users have the 'Generate Payment Request' button along with the payment journal to initiate the bank payment. It generates the payment file with the bank to process the requested payments. The bank then processes the payment file and provides the response file to BPA on a shared location.



#### Full tracking of payment history

Once the bank provides the response file, BPA reads it at predefined intervals. The payment status of all the requested line items in the payment journal are verified by BPA and the payment status is updated in Dynamics 365. All payment failed records, from the bank, are re-added to the payment journal to initiate the payment request again.



#### Validation of transactions

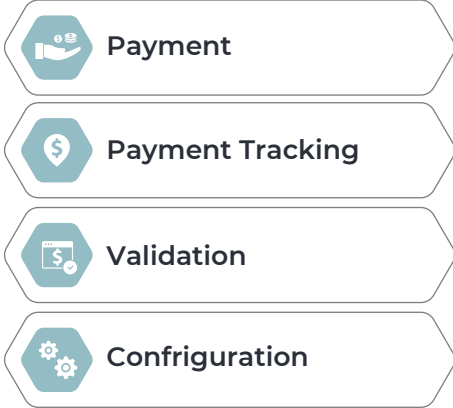
Validations are performed twice so that only valid transactions are carried. The first validation is performed by BPA, i.e. on payment request validation, while the other validation is performed by the bank, i.e. prior to the payment.

## Solution Architecture

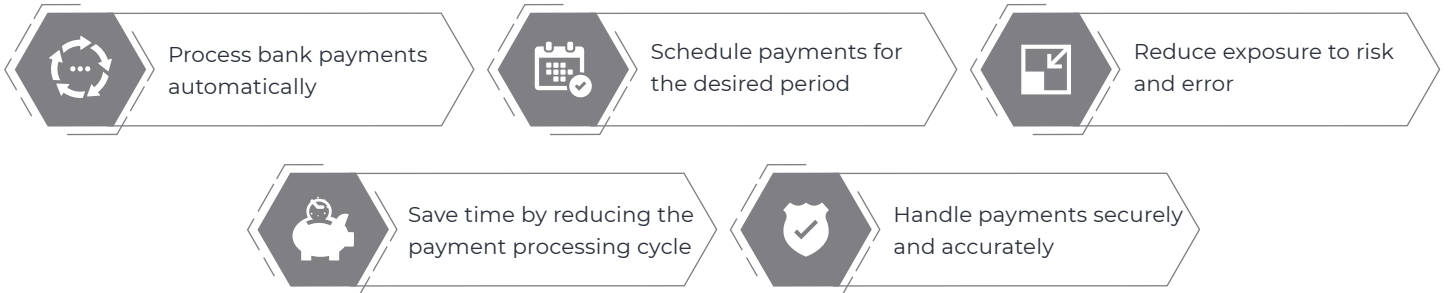
# Microsoft Dynamics 365

## BANK PAYMENT AUTOMATION

### High-level Modules



## Key Benefits



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