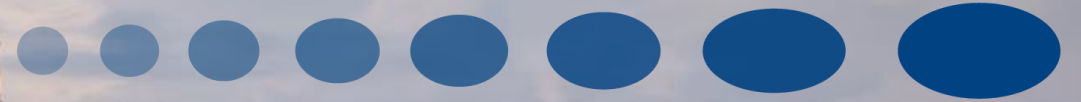


9 DOTS CONSULTING



Bank Integration

Microsoft Dynamics 365

by 9 DOTS CONSULTING



Our Customers



About Us

Since 2010, 9 Dots Consulting Group has established itself as a specialist Business Solutions Provider in the Asia Pacific region.

With offices in Singapore, Malaysia, Thailand and Indonesia, we have successfully delivered Microsoft Dynamics 365 projects to local enterprises as well as multinational corporations



Microsoft Gold Partner,
Tier 1 Microsoft Cloud Service Provider,
Microsoft CSA Certified.



100+
Combined
Implementation

30+
Roll-out Projects

8
Countries

It is a tedious task for businesses to perform bank reconciliation of all the business payments as part of the month end process.

Bank integration will simplify your month end process just in a few clicks

Key Benefits of Bank Integration



1. Seamless secured payments



2. Minimize Human Error



3. Streamline Payments & Bank Reconciliation

1. Seamless secured payments

Options for Automated or Manual supplier payments with 2-ways authentication (2FA) and encryption

2. Minimize human error

The seamless flow of data from the point of transaction directed to the Connected Bank for payment and the returned deduction acknowledgement auto updates the general ledger.

This automated flow eliminates entry errors.

3. Streamline payments and Bank Reconciliation

Payment process automated upon payment journal, generates and encrypted file to the Connected Bank through SFTP or Web API for payment.

Connected Bank returns with deduction acknowledgement which auto-update general ledger and month-end statement to automate bank reconciliation



Key Features of Bank Integration

1. Secured integration to bank
2. Vendor payments / payroll payment automation
3. Flat file integration
4. Bank reconciliation automation



Secured Integration to the Connected Bank

- Import electronic bank statements, automatic reconcile with bank transactions in Dynamics 365 Finance

- With encrypted file transfers, two-factor authentication (2FA), removal of tokens and other added security controls,

We ensures you and your team can access your finance network through a single secure and controlled environment.



Flat File Integration

- Mapping any file format from any bank and transform data output into a format that can be consumed by your ERP or back-office system.
- With minimal or no IT development required, minimize dependency from IT resource as all transformation is taken care of by our file agnostic platform.



Vendor Payment / Payroll Payment Automation

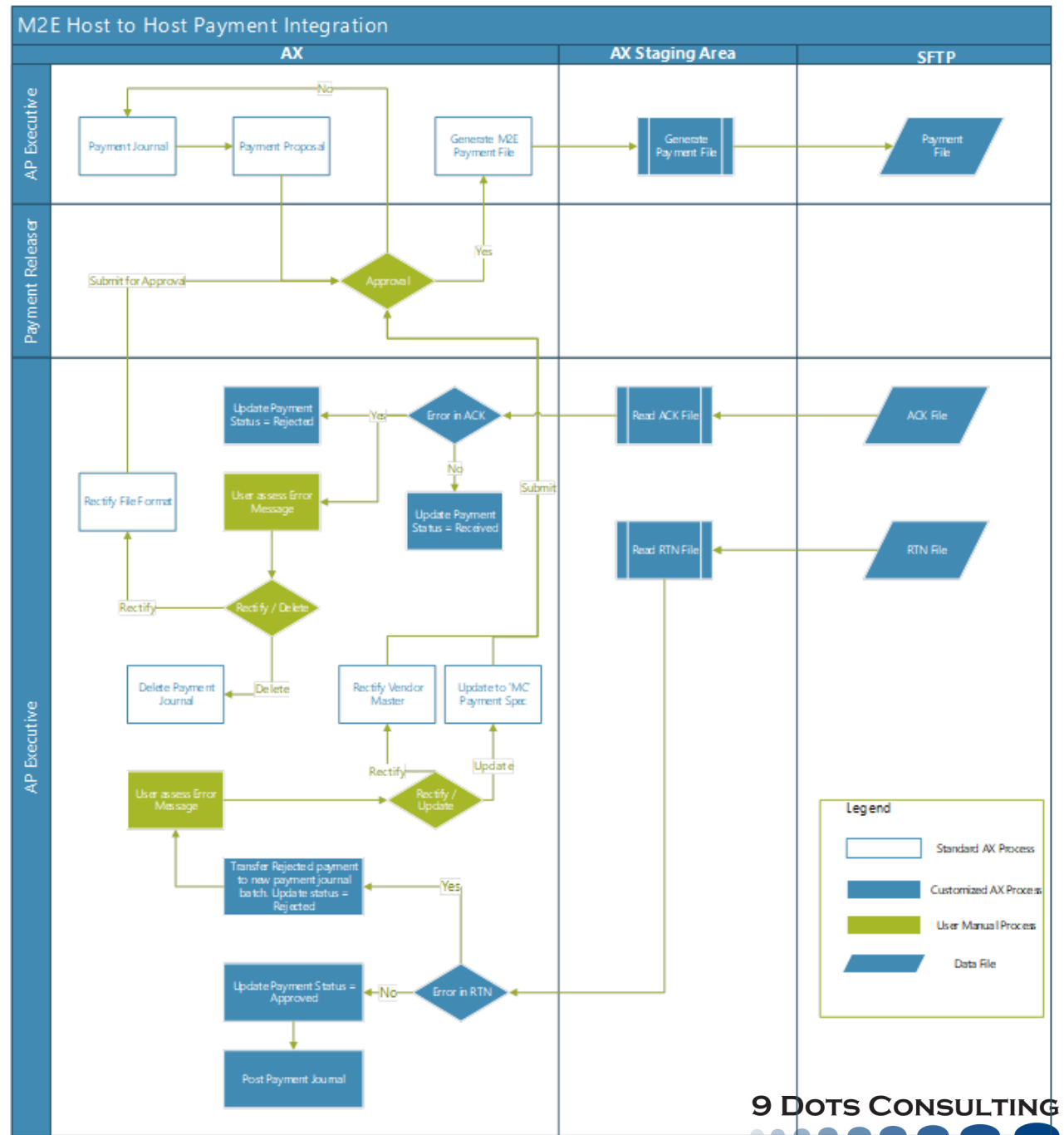
- Submit payments batch to signing authorities for approval in seconds.
- Payment process automatically and file encrypted to the Connected bank
- Support Worldwide Payment in all currencies.
- Secured Outbound Payments from your Microsoft Dynamics 365 ERP system to any banks, supporting all standards such as SEPA, ACH, BACS, IAT payments, and many more.

With a solution build within Microsoft Dynamics 365 and with a simple setup, you can focus on running your business, processing payments locally or as a global enterprise.

Bank Reconciliation Automation

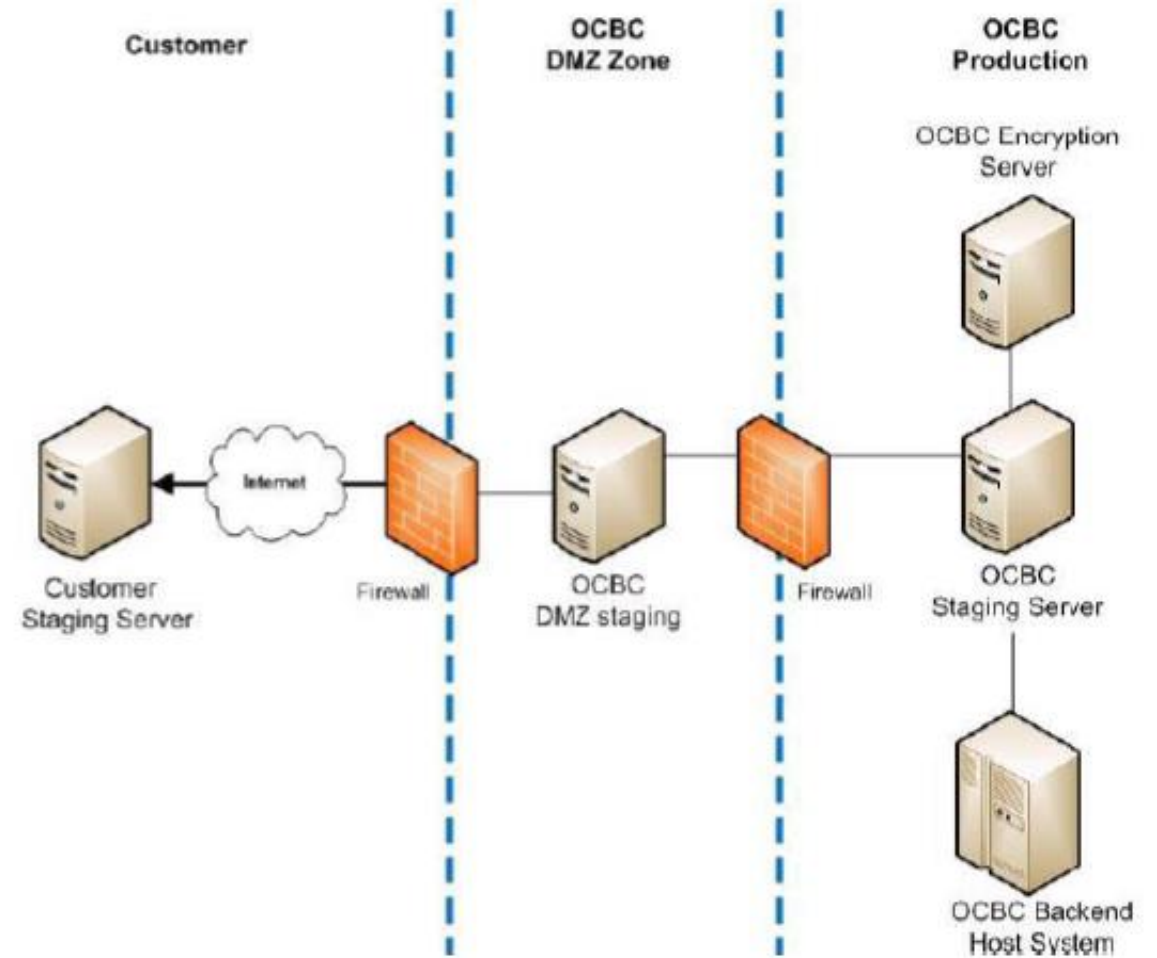
- Consolidated processes, configurable workflows with access to information and support to help you achieve greater control.
- Auto bank reconciliation and validation
- Settings that ensure data consistency in support of matching system and external bank transactions

Payment Process Flow



Architecture Diagram

The diagram below illustrates the architecture workflow for the file transfer between OCBC and the customer.





Payment Journal

Payment journal (1 - ecmy)

Vendor disbursement journal workflow

Show: Show user-created only:

Overview | General | Setup | Blocking | Financial dimensions | History

<input type="checkbox"/>	Name	Journal batch number	Description	Posted No	Log	In use	Created by
<input type="checkbox"/>	AP_P...	JBN06499	AP - Vendor Payment	<input type="checkbox"/>	<input type="checkbox"/>		9dots02
<input type="checkbox"/>	AP_P...	JBN06011	GCH - SEK13/BACHANG/PUTERI/KJ/KT 08...	<input type="checkbox"/>	<input type="checkbox"/>		sakinah
<input type="checkbox"/>	AP_P...	JBN06320	AP - BATCH1 RTL MAY17 - BANK DRAFT	<input type="checkbox"/>	<input type="checkbox"/>		fadzlina
<input type="checkbox"/>	AP_P...	JBN06324	AP -PP100 & PP101/2017 (IG)	<input type="checkbox"/>	<input checked="" type="checkbox"/>		RAPID_no
<input type="checkbox"/>	AP_P...	JBN06409	MANUAL CHQ UPDATE MAY'17	<input type="checkbox"/>	<input type="checkbox"/>		sakinah
<input type="checkbox"/>	AP_P...	JBN06428	AP - Manual Chqs Update May'17	<input type="checkbox"/>	<input type="checkbox"/>		nooralily
<input type="checkbox"/>	AP_P...	JBN06436	AP - PP111/2017, PP112/2017, PP114/2017 ...	<input type="checkbox"/>	<input type="checkbox"/>		jasreen
<input type="checkbox"/>	AP_P...	JBN06442	AP - (TT)	<input type="checkbox"/>	<input type="checkbox"/>		aqilatul
<input type="checkbox"/>	AP_P...	JBN06444	AP - Elec & Others 09.05.17 (IG)	<input type="checkbox"/>	<input type="checkbox"/>		nooralily
<input type="checkbox"/>	AP_P...	JBN06451	AP - Elec & Others 11.05.17 (IG)	<input type="checkbox"/>	<input type="checkbox"/>		nooralily
<input type="checkbox"/>	AP_P...	JBN06454	AP - WEEK1-052017 TNB PUKAL	<input type="checkbox"/>	<input type="checkbox"/>		fadzlina
<input type="checkbox"/>	AP_P...	JBN06460	Batch 11.05.2017 - Deposit Refund to Celc...	<input type="checkbox"/>	<input type="checkbox"/>		affif
<input type="checkbox"/>	AP_P...	JBN06462	NPO Loose Bill 12-05-2017 (IG)	<input type="checkbox"/>	<input type="checkbox"/>		sakinah
<input type="checkbox"/>	AP_P...	JBN06463	NPO Loose Bill 12-05-2017 (IT)	<input type="checkbox"/>	<input type="checkbox"/>		sakinah
<input type="checkbox"/>	AP_P...	JBN06464	NPO Loose Bill 11-05-2017 (MC)	<input type="checkbox"/>	<input type="checkbox"/>		sakinah

Print

(555) | MYR | USR Model | ecmy | 9dots02 | 19/06/2017 | 16:52 | TEST | Close

Create a Payment Journal Batch by :

- Selecting the correct Payment Journal Name (refer Finance Master Checklist for Payment Journal Name).
- Click on “Lines”.



Payment Proposal

Journal voucher (1 - ecmy) - Journal: AP_PAY, journal batch number: JBN06499, Posted: No, Journal type: Vendor disbursement

File | New | Delete | Post | Validate | Financial dimensions | Approval | SST | Functions | Payment status | **Payment proposal** | Inquiries | Print | Send...

Balance: Journal: 0.00 | Total debit: Journal: 0.00 | Total credit: Journal: 0.00
Per voucher: 0.00 | Per voucher: 0.00 | Per voucher: 0.00

Overview | General | Payment | Payment fee | Remittance | Bank | Fixed assets | History

Date	Voucher	Company accounts	Account	Description	Debit	Credit	Offset account type	Offset account	Payment status
19/06/2017	VDP054795	ecmy					Ledger		None

Voucher: VDP054795 | Method of payment: | Document: |
Currency: MVR | Payment specification: | Document date: |
Account name: | Payment ID: | Withholding tax group: |
Offset account name: | Settlement type: None | Purpose Code: |
Cheque number: | Remitter: |

Posting date: | (555) | MYR | USR Model | ecmy | 9dots02 | 19/06/2017 | 16:54 | TEST | Close

- Upon Selecting the Method of Payment and Payment Specification,
- Click on “Payment Proposal” to Create Payment Proposal.

Microsoft Dynamics AX (1)

Vendor payment proposal

Proposal type
 Proposal type:

Generate/print
 Generate: Print:

Limits
 Amount limit:
 Transaction limit:
 Delete negative payments:

Payment date
 From date: To date:

Dates
 Total payment date:
 Payment weekday:
 Minimum date:

Currency
 Payment currency:

Balance control
 Check balance:

Centralised payments
 Include vendor invoices from other legal entities:
 Propose separate vendor payment per legal entity:
 Default offset account type:
 Default offset account:

Select type of process for suggesting transactions for payment.

Vendors

Vendor account:

Vendor transactions
 Method of payment:
 Currency:
 Payment specification:

Open vendor transactions
 Reference:

Locations
 Location ID:

Payment Proposal

Selection Criteria can be used to filter the outstanding vendor's invoices to be paid.

This can be added for additional criteria by the users.

VendPaymProposal (1 - ecmy)

Select query:

Tables

- Vendors
 - Vendor transactions
 - Open vendor transactions
 - Locations

Range **Sorting**

<input type="checkbox"/>	Table	Derived table	Field	Criteria	
	Vendors	Vendors	Vendor account		<input type="button" value="Add"/>
	Vendor transactions	Vendor transactions	Method of payment	S_EFT	<input type="button" value="Remove"/>
	Vendor transactions	Vendor transactions	Currency	MYR	
	Open vendor transacti...	Open vendor transacti...	Reference		
	Vendor transactions	Vendor transactions	Payment specificat...	ACH	

Payment Proposal

Selection Criteria can be used to filter the outstanding vendor's invoices to be paid. Which can be added for additional criteria by users.

Vendor payment proposal (1 - usmf)

File | Open transactions | Delete | Transfer | Multiple change | Balance control | Payment distribution

Overview | Cash discount

Vendor account	Invoice	Company accounts	Due date	Consolidation ID	Method of payment	Payment amount	Invoice currency	Payment amount	Vendor
1001	INV98112	usmf	14-Oct...		ELECTRONIC	-5,416,911.88	USD	-5,416,911.88	1234
1001	INV998...	usmf	14-Oct...		ELECTRONIC	-776,040.44	USD	-776,040.44	1234

Cash discount date: 14-Oct-15
 Cash discount amount: 0.00
 Cash discount amount to take: 0.00
 Remittance location: Acme Office Supplies
 Invoice remainder: 5,416,911.88
 Voucher: APIN000004
 Date: 14-Sep-15
 Payment specification: IG
 Name: Acme Office Supplies
 Payment ID: abc123

Link:

Payment proposal

Print

Overview | General | Remittance | Payment

Company accounts	Account number	Date	Voucher type	Method of payment	Amount in transaction currency	Currency	Amount	Cash
usmf	1001	14-Oct...		ELECTRONIC	-6,192,952.32	USD	-6,192,952.32	

Payment ID: abc123

Journal voucher (1 - usmf) - Journal: VendPayM2E, journal batch number: 00480, Posted: NoJournal type: Vendor disbursement

File | New | Delete | Post | Validate | Financial dimensions | Sales tax | Functions | Payment status | Payment proposal

Balance

Journal	Total debit	Total credit
0.00	6,192,952.32	6,192,952.32
Per voucher: 0.00	Per voucher: 6,192,952.32	Per voucher: 6,192,952.32

Overview | General | Payment | Payment fee | Remittance | Bank | Fixed assets | History | Postdated checks

Date	Company acc...	Account	Description	Debit	Cre...	Offset account...	Offset acc...	Payment s...
14-Oct	usmf	1001		6,192,952.32		Bank	USMF OPER	None

Voucher: APPM000
 Currency: USD
 Account name: Acme Office Suppli
 Offset account name: Operating account
 Method of payment: ELECTRONIC
 Payment specification: IG
 Payment ID:
 Settlement type: gnated transactions
 Document:
 Document date: 14-Oct-15
 Withholding tax group:

Posting | USD | usmf | admin | 14-Sep-15 | Close

Payment Proposal

“Method of Payment” and “Payment Specification” will be automatically retrieved from the Vendor Open transactions. If there is a need to change to a different “Payment Specification”, the users are allowed to do so in this screen.

The screenshot displays the SAP Payment Proposal interface. The top section shows a summary of the journal voucher with fields for Balance, Total debit, and Total credit. Below this, the 'Payment' tab is active, showing fields for Method of payment (LEFT), Payment specification (IG), and Payment ID (MBB1111111111). The 'Notification to the central bank' section includes a field for Central bank purpose code. The 'Posting' section shows the Posting profile (STD) and Settlement type (Designated transactions). At the bottom, a detailed view of the payment proposal is shown, including Voucher (VDP054795), Currency (MYR), Method of payment, Payment specification, Payment ID, Settlement type (None), and Purpose Code (highlighted with a red box).

For TT Payment Specification, user will need to assign “Central Bank Purpose Code” in the “Payment Tab”

Central bank purpose code can be defaulted from the Vendor Master. During Payment Journal, it is still possible to override the purpose code if the purpose of payment is different from the default setup.

For TT Payment Specification, user will need to assign the Purpose Code with SCB Destination Purpose Code.

Generate Payment File

Go to Functions → Generate Payment

Microsoft Dynamics AX (1)

Generate payments

Payment method
 Method of payment: CHECK

Export format
 Export format: Format 1 (Test)

Export payment using service

Payment format:

Selection
 Bank account: USMF OPER

Show format dialog:

OK

Format for export of payments.

Journal lines

Account type: Vendor

Offset account type:

Method of payment:

Payment specification:

Payment status: None, Rejected

Bank transaction type:

Bank account:

Currency:

Select
Dialog

Method of Payment must be selected to generate the correct payment file format.

Upon successful generation and sent to SFTP folder, Payment Status will be changed to "Sent". Once status is set to "Sent", no further changes are allowed on the transaction.

Journal voucher (1 - usmf) - Journal: VendPayM2E, journal batch number: 00480, Posted: NoJournal type: Vendor disbursement

File New Delete Post Validate Financial dimensions Sales tax Functions Payment status Payment proposal

Balance Total debit Total credit

Journal: 0.00 6,192,952.32 6,192,952.32

Per voucher: 0.00 6,192,952.32 6,192,952.32

Overview General Payment Payment fee Remittance Bank Fixed assets History Postdated checks

Date	Company acc...	Account	Description	Debit	Cre...	Offset account...	Offset acc...	Payment s...
14-Oct	usmf	1001		6,192,952.32		Bank	USMF OPER	Sent

Voucher: APPM000 Method of payment: ELECTRONIC Document:

Currency: USD Payment specification: IG Document date: 14-Oct-15

Account name: Acme Office Suppli Payment ID:

Offset account name: Operating account Settlement type: Ignated transactions

Check number:

Posting date | (7) | USD | usmf | admin | 14-Sep-15 | Close

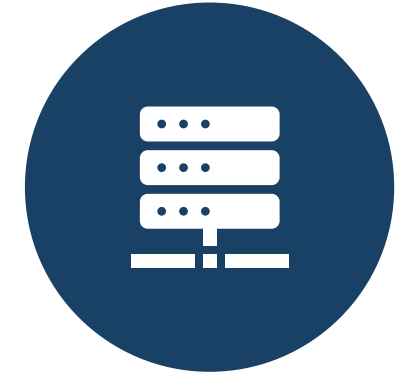


Two Functional Customization are required to handle the Payment Generation process



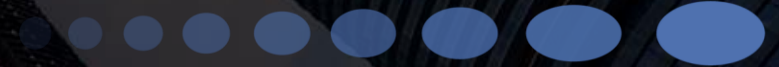
Customization on payment file format

- Map AX payment information into SCB ipayment file format.



Customization on staging area

- Handle files transfer activities in SFTP server.
- Updating the payment status to “sent” for successful payment transferred to SFTP server.

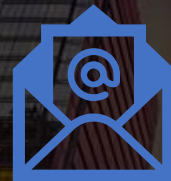


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