

End-User Education Day

October 22 (US/UK) | October 23 (APAC)



6

SESSIONS
3 CLOUD | 3 EBS



4

SPEAKERS
ACROSS THE GLOBE



1

FULL DAY
FREE TRAINING

22 OCTOBER

9AM EDT
2PM BST
3PM CEST

Breaking Through FBDI Barriers: Streamlining Data Entry for Non-Technical Users

with Andrew Gooch

11AM EDT
4PM BST
5PM CEST

[Product Training] Mastering More4apps: Master Data in the Finance Module

with Andrew Gooch

10AM EDT
3PM BST
4PM CEST

Boosting Financial Productivity: Navigating Web ADI Compatibility Issues and Limitations

with Lily Mazieres

12PM EDT
5PM BST
6PM CEST

[Product Training] Mastering More4apps: Procurement Essentials

with Rachana Haste

23 OCTOBER

1PM NZDT
10AM AEST

[Product Training] Mastering More4apps: ERP Cloud Toolbox Projects Module

with Rachana Haste

2PM NZDT
11AM AEST

Pro Tips for Improved EBS Data Management: Integrating External Data Sources for Your Uploads

with David Wright



David Wright

Global Solution Specialist Manager and Company Director
More4apps

Pro Tips for Improved EBS Data Management

Using External Data Sources for your Uploads

Data is at the core of your business and without the right tools in place, you're at risk for inefficiencies, inaccuracies, and dependencies on other resources.

Extract

Transform

Load

Source: Where is the data coming from?

Connection: How can I get to the data source?

Extraction: The process of retrieving the data

Transformation: The data needs to be in a format that Excel and More4apps can work with

Validation: It's essential to validate the extracted data to ensure accuracy and consistency

Loading: Finally, the data is loaded into Oracle by your More4apps Product.



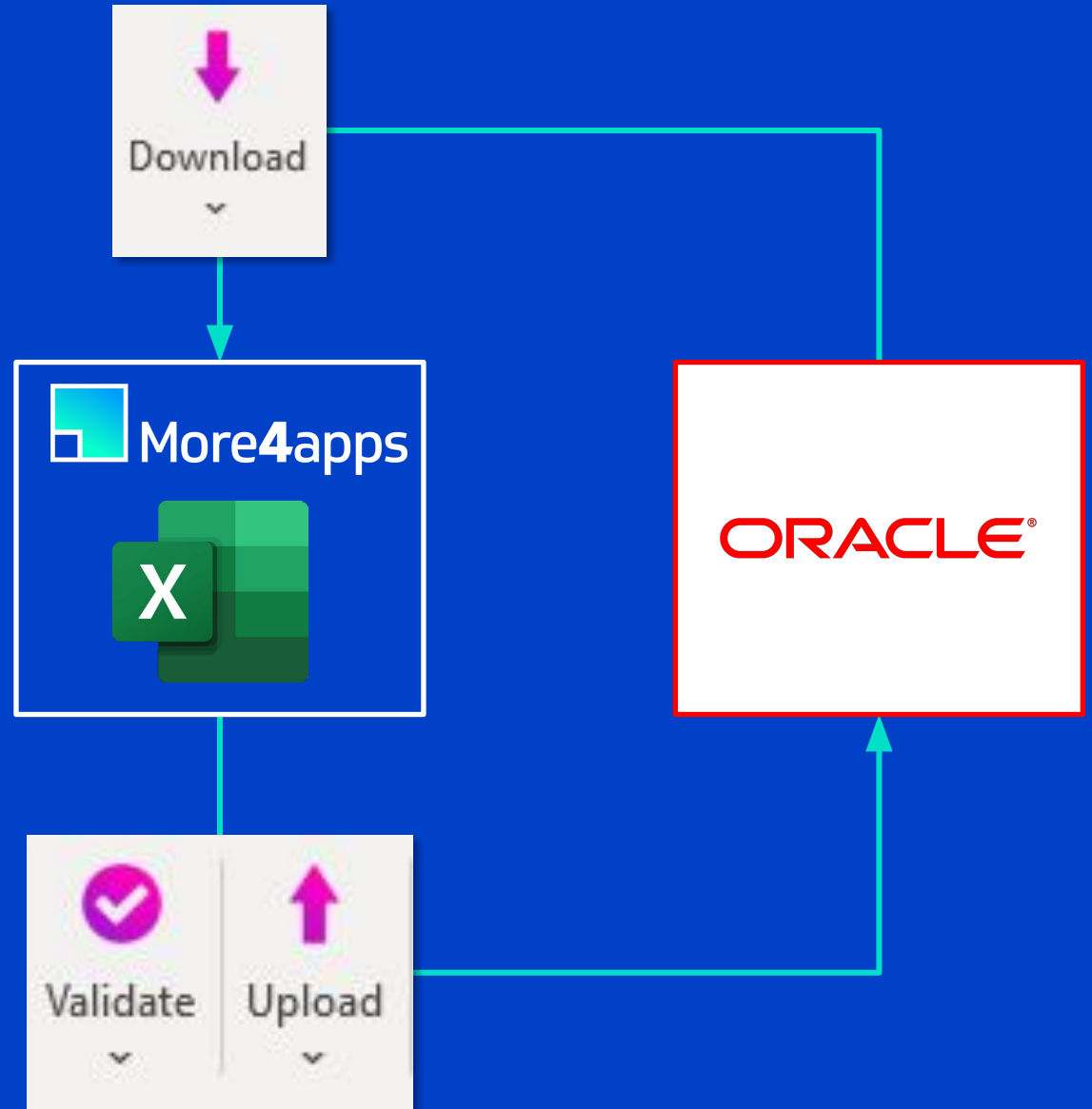
Poll Time

What download options do you use with your More4apps products?

- Standard Download Feature within the product
- Custom Query
- Other BI or SQL query tool
- External System
- None or Not Sure

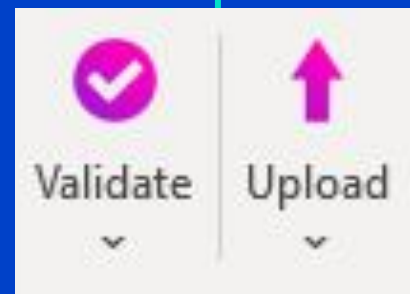
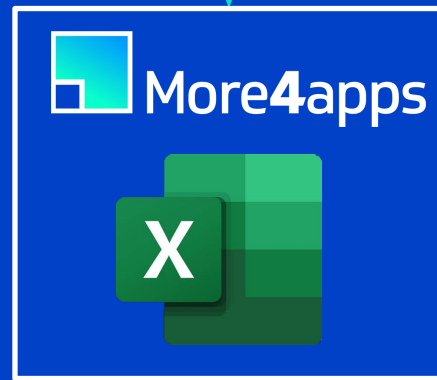


More4apps Process flow





Process flow



More4apps Data Expectations

Make use of Defaulting rows
To build data sets



Aligned to column headers



Transaction							Lines				
Header Messages	Transaction Number	Transaction Date	GL Date	Transaction Class	Transaction Type	Customer Name	Line Messages	Line Number	Line Type	Description	Memo
		1/10/2024 19:11	2/02/2019								
			21/02/2019	Invoice	Invoice	American Telephone & Telegraph		1	LINE	CPCS Card Application Fe	Principal Consultant
								2	LINE	Toolbox Talks (2017)	Principal Consultant
			21/02/2019	Invoice	Invoice	American Telephone & Telegraph		1	LINE	HS&E Test ITC Induction	Principal Consultant
								2	LINE	Tester Series Card	Principal Consultant
			21/02/2019	Invoice	Invoice	American Telephone & Telegraph		1	LINE	CPCS RT ITC Mike Winzer	Principal Consultant
								2	LINE	HS&E Test ITC Mark Steve	Principal Consultant
								3	LINE	HS&E Test ITC power test	Principal Consultant
								4	LINE	CSCS SMARTCARD APPL	Principal Consultant
								5	LINE	CPCS Card Application Fe	Principal Consultant
								6	LINE	Site Supervision Simplified	Principal Consultant
								7	LINE	CPCS Technical tests - Sp	Principal Consultant

Process Flow Steps

Extract
daT A



Your documents

Data Extraction

Some Data Transformation



2.

Transform

DaTa



 More4apps

Excel Spreadsheet

Data Manipulation

Data Addition

Data Validation



3.

Load

Data



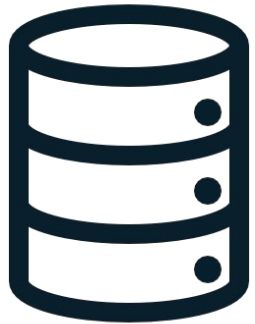
Oracle documents

Information loaded into

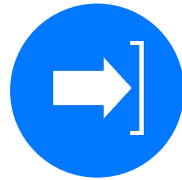
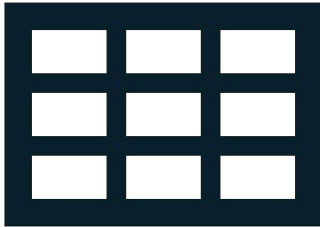
Oracle Ecosystem

Extraction

Other Applications – Key data to then download from within in More4apps



Create your own
set of queries



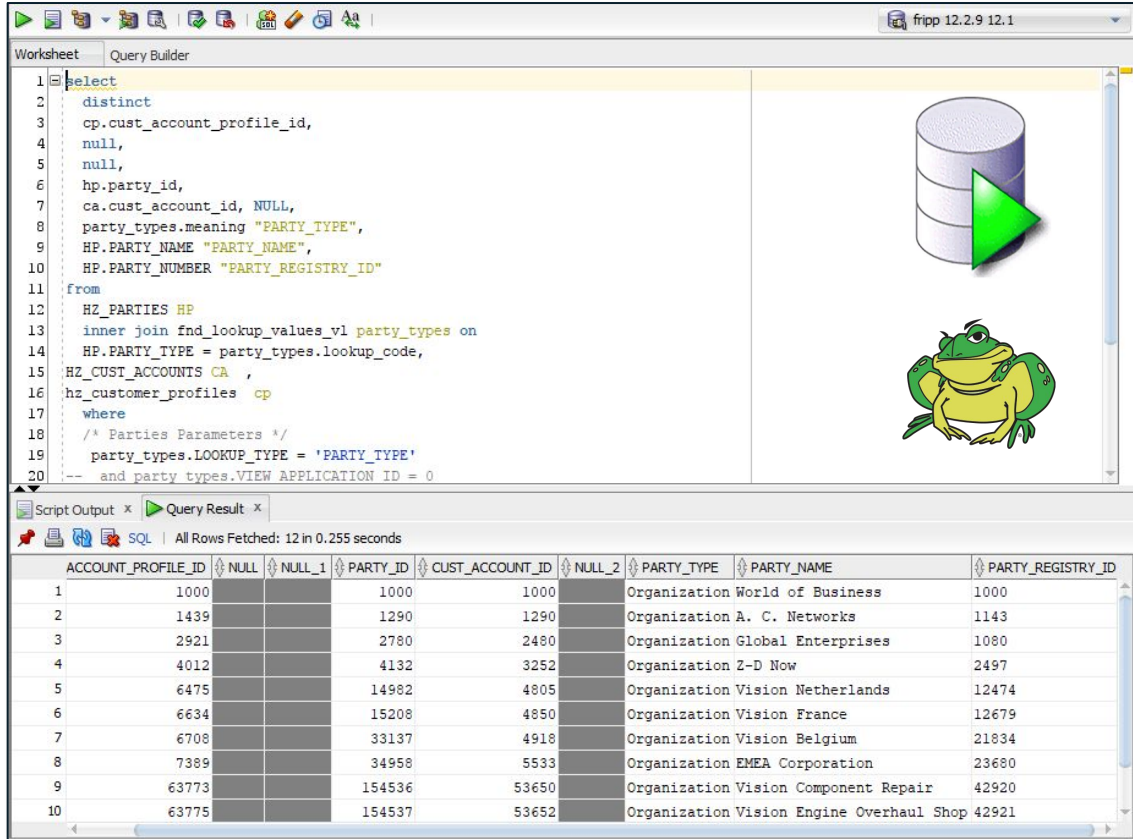
 More4apps



Perform
Upload

Extraction

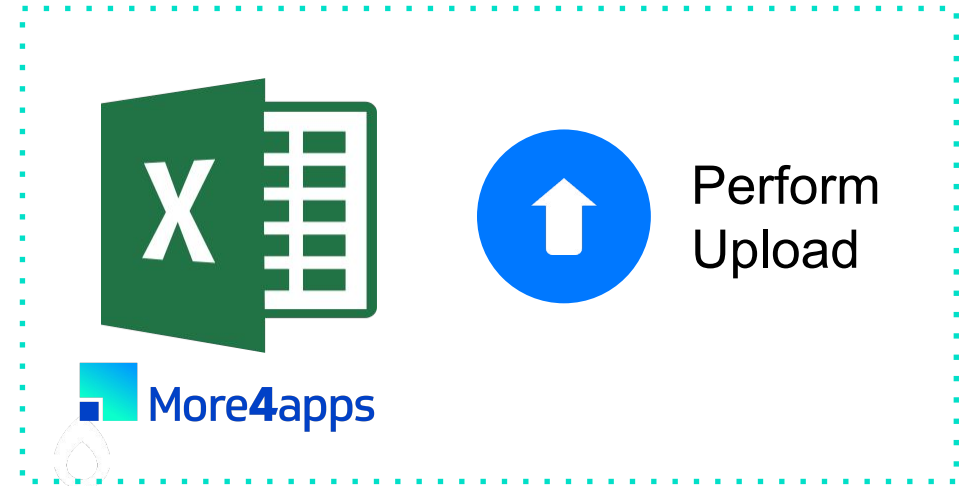
Other Applications – Getting the data is the battle




```

1 select
2 distinct
3 cp.cust_account_profile_id,
4 null,
5 null,
6 hp.party_id,
7 ca.cust_account_id, NULL,
8 party_types.meaning "PARTY_TYPE",
9 HP.PARTY_NAME "PARTY_NAME",
10 HP.PARTY_NUMBER "PARTY_REGISTRY_ID"
11 from
12 HZ_PARTIES HP
13 inner join fnd_lookup_values_vl party_types on
14 HP.PARTY_TYPE = party_types.lookup_code,
15 HZ_CUST_ACCOUNTS CA ,
16 hz_customer_profiles cp
17 where
18 /* Parties Parameters */
19 party_types.LOOKUP_TYPE = 'PARTY_TYPE'
20 -- and party types.VIEW APPLICATION ID = 0
  
```

ACCOUNT_PROFILE_ID	NULL	NULL_1	PARTY_ID	CUST_ACCOUNT_ID	NULL_2	PARTY_TYPE	PARTY_NAME	PARTY_REGISTRY_ID
1	1000		1000	1000		Organization	World of Business	1000
2	1439		1290	1290		Organization	A. C. Networks	1143
3	2921		2780	2480		Organization	Global Enterprises	1080
4	4012		4132	3252		Organization	Z-D Now	2497
5	6475		14982	4805		Organization	Vision Netherlands	12474
6	6634		15208	4850		Organization	Vision France	12679
7	6708		33137	4918		Organization	Vision Belgium	21834
8	7389		34958	5533		Organization	EMEA Corporation	23680
9	63773		154536	53650		Organization	Vision Component Repair	42920
10	63775		154537	53652		Organization	Vision Engine Overhaul Shop	42921



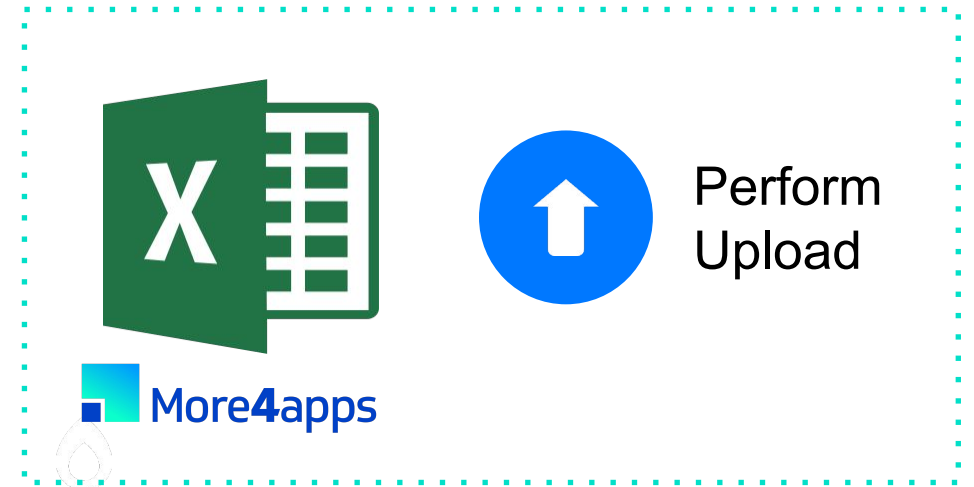
Perform Upload



Extraction

Other Applications – Validation and upload with More4apps is the easy part

Customer Wizard									
Request ID									
Customer									
Status	Customer								
Customer Status Profile Status Party Site Status	Customer Messa Party ID	Customer ID	Customer Action	Party Type	Party Name	Party Number	Profile	Terms	
Default Values									30 Net
			Update	Organization	Japan Tax Authority	267884			
			Update	Organization	Nihon Research Institute	71000			
			Update	Organization	Woolworth	22589			
			Update	Organization	Action Rental	102734			
			Update	Organization	アクションレンタル(株)	103735			
			Update	Organization	大塚工業株式会社	105735			
			Update	Organization	ダイヤモンド(株)	107734			
			Update	Organization	日本理化学(株)	108734			
			Update	Organization	Nihon Real Estate	226826			
			Update	Organization	Nihon Electronic Power	226832			
			Update	Organization	Nihon Communications	226829			
			Update	Organization	Nihon Electronic	73000			
			Update	Organization	Nihon Semiconductor	72000			
			Update	Organization	Nihon Tech	74000			
			Update	Organization	Classic Components, Inc.	22762			
			Update	Organization	General Motors Corporat	22768			
			Update	Organization	Greentech Corporation As	22770			
			Update	Organization	Sun Mart Japan	22579			





Use When

You can get the key identifier from another source, ie PO Number

The data is coming from a query or reporting tool

Such as Toad, SQL Dev/Toad etc or Splash BI / EPM

The data changes can be easily downloaded from another system, ie Salesforce

And you need More4apps to build the data set to change



Not Designed For

Disparate data definitions, you need the same ID's, Names etc in Both systems



Hint

Maybe align with a More4apps Custom Query to help default values based on your EBS data

Extraction

More4apps Custom Query



Create your own set of queries



Assign to Responsibilities

[tsunami] Manage Query Sets

Action:

Query Set Name:

Query Set Description:

Queries | Responsibilities

Query Name	Parent Query	Query
Header	Parent	SELE
Lines	Header	SELE

[tsunami] Edit Query

Query Name:

Parent Query:

Query | Key Columns | Lookups | Parse Results | Settings

```
SELECT
  h.po_header_id,
  h.segment1      po_number_invoice_level,
  v.segment1      supplier_number,
  v.vendor_name   supplier_name,
  vs.vendor_site_code supplier_site,
  hou.name        operating_unit
FROM
  po_headers      h,
  po_vendors      v,
  po_vendor_sites vs,
  hr_organization_units hou
WHERE
  1 = 1
  AND h.approved_flag = 'Y'
  AND vs.vendor_id = v.vendor_id
```

Queries | Responsibilities

Lease Vendor Self Service	2412:	AX Payables Supervisor Vision Italy	51579
Vendor Admin	2241:	AX Payables User MRC	21630
Vendor Rebate Tracking	6233:	Accounts Payables Progress FR	55944
		Australian Payables Manager	20902
		Brazilian Payables	20906

Extraction


More4apps Custom Query

Header | Lines

AND [] [] [] [] Add

SUPPLIER_NUMBER

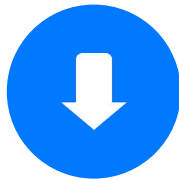
- PO HEADER ID
- PO NUMBER INVOICE LEVEL
- SUPPLIER NUMBER
- SUPPLIER NAME
- SUPPLIER SITE
- OPERATING UNIT

 More4apps


PO HEADER ID	PO NUMBER INVOICE LEVEL	SUPPLIER NUMBER	SUPPLIER NAME	SUPPLIER SITE	OPERATING UNIT
				Uni%	



Add Criteria / Filters



Execute

 More4apps

PO HEADER ID	PO NUMBER INVOICE LEVEL	SUPPLIER NUMBER	SUPPLIER NAME	SUPPLIER SITE	OPERATING UNIT	LINE TYPE	AMOUNT	PO NUMBER LINE
375923	01082024	1003	United Parcel Sei UPS - HQ	Vision Operations	Item	3000	01082024	
297873	6574	1003	United Parcel Sei UPS - HQ	Vision Operations	Item	7148.34	6574	
297874	6575	1003	United Parcel Sei UPS - HQ	Vision Operations	Item	11296.68	6575	
297887	6585	1003	United Parcel Sei UPS - HQ	Vision Operations	Item	15445.02	6585	
297888	6586	1003	United Parcel Sei UPS - HQ	Vision Operations	Item	19593.36	6586	
302873	6617	1003	United Parcel Sei UPS - HQ	Vision Operations	Item	23741.7	6617	
302874	6618	1003	United Parcel Sei UPS - HQ	Vision Operations	Item	27890.04	6618	
302886	6630	1003	United Parcel Sei UPS - HQ	Vision Operations	Item	32038.38	6630	



Use Custom Query When

The data is all in your EBS Database

(or linked to another database, and visible within EBS)

Download requirement is not supported by More4apps Standard Download

You need a re-usable download option for your end users



Not Designed For

Complex Queries that take a long time to execute

Queries with more than 5 criteria filters

Data not stored or linked to your EBS database

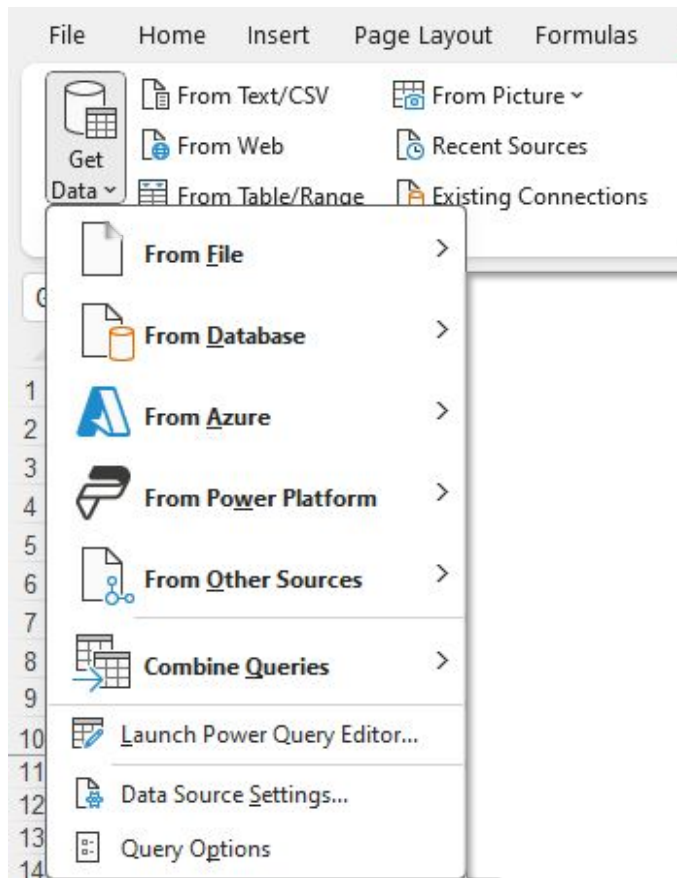
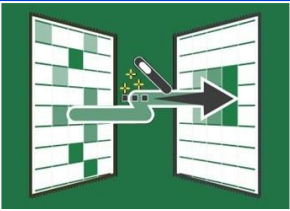


Hint

Assign Queries to Responsibilities to keep user query lists short

Extraction

Excel – Power Query



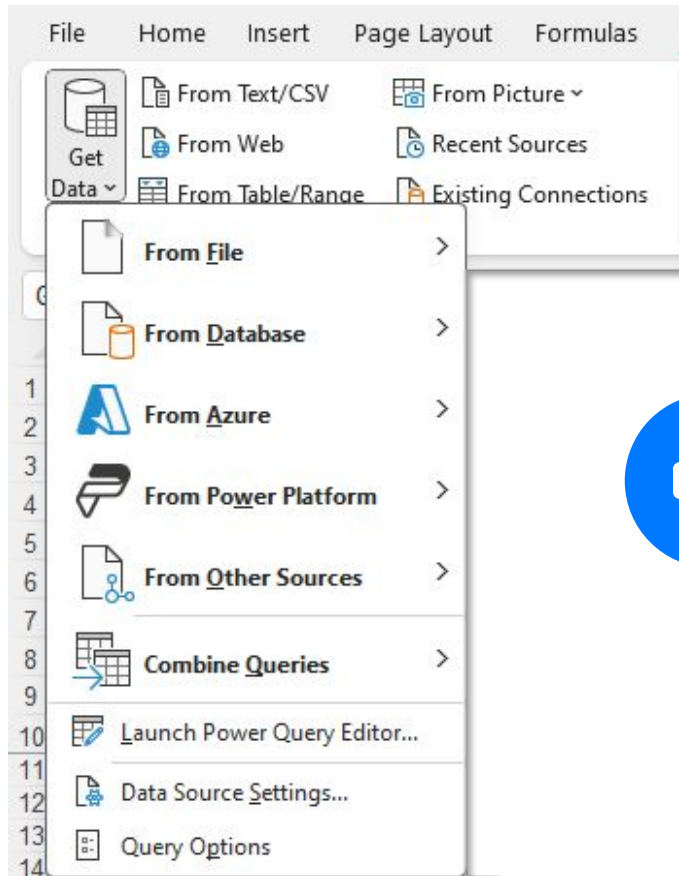
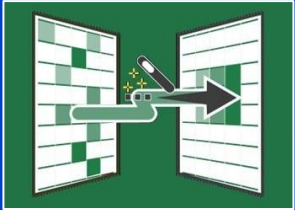
Power Query is a data connectivity and transform tool
Provided as an Add-in to Excel

Data Source Connectivity: Power Query supports connections to a wide range of data sources

Data Transformation: Functions to clean, reshape, and combine data. This includes filtering, sorting and merging

Extraction

Excel – Power Query



Execute Query
Into Excel

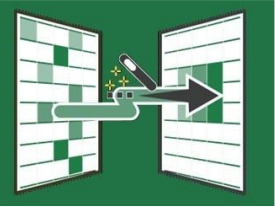


Copy Report &
Download/Execute Load



Extraction

Excel – Power Query



- From SQL Server Database
- From Microsoft Access Database
- From ODBC
- From OLEDB

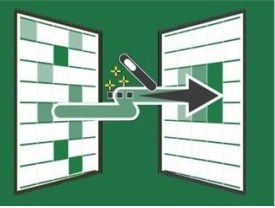
Easy Data Extraction From Databases

The screenshot shows the Power Query Editor interface. The ribbon includes File, Home, Transform, Add Column, and View. The main area displays a table with columns: ShippedDate, Customers, Employees, and OrderDetails. The formula bar shows the query definition: `= Table.RemoveColumns(#"Appended Query",{"OrderID", "EmployeeID",`. The right-hand pane shows the Query Settings for the 'Orders' query, including Properties and Applied Steps.

	ShippedDate	Customers	Employees	OrderDetails
1	22/09/2023 12:01:00 pm	Value	Value	Table
2	null	Value	Value	Table
3	null	Value	Value	Table
4	null	Value	Value	Table
5	null	Value	Value	Table
6	null	Value	Value	Table
7	29/09/2023 12:12:00 pm	Value	Value	Table
8	null	Value	Value	Table
9	4/10/2023 12:18:00 pm	Value	Value	Table
10	null	Value	Value	Table
11	null	Value	Value	Table

Extraction

Excel – Power Query



- From SQL Server Database
- From Microsoft Access Database
- From ODBC
- From OLEDB

And options for manipulation

A screenshot of the Microsoft Excel Power Query Editor window. The title bar reads "Orders - Power Query Editor". The ribbon is set to "Transform". A red box highlights the ribbon area. The ribbon contains several groups of options: "Table" (Group By, Use First Row as Headers, Count Rows), "Any Column" (Transpose, Reverse Rows, Detect Data Type, Rename, Fill, Pivot Column, Unpivot Columns, Move, Convert to List), "Text Column" (Replace Values, Statistics, Trigonometry, Standard, Rounding, Scientific, Information), "Number Column" (Date, Time, Duration), and "Structured Column" (Structured Column).

A screenshot of the Microsoft Excel Power Query Editor window. The title bar reads "Orders - Power Query Editor". The ribbon is set to "Add Column". A red box highlights the ribbon area. The ribbon contains several groups of options: "General" (Column From Examples, Custom Column, Invoke Custom Function, Duplicate Column), "From Text" (Conditional Column, Index Column, Merge Columns, Extract, Parse, Format), "From Number" (Statistics, Standard, Scientific), and "From Date & Time" (Trigonometry, Rounding, Information, Date, Time, Duration).

Extraction

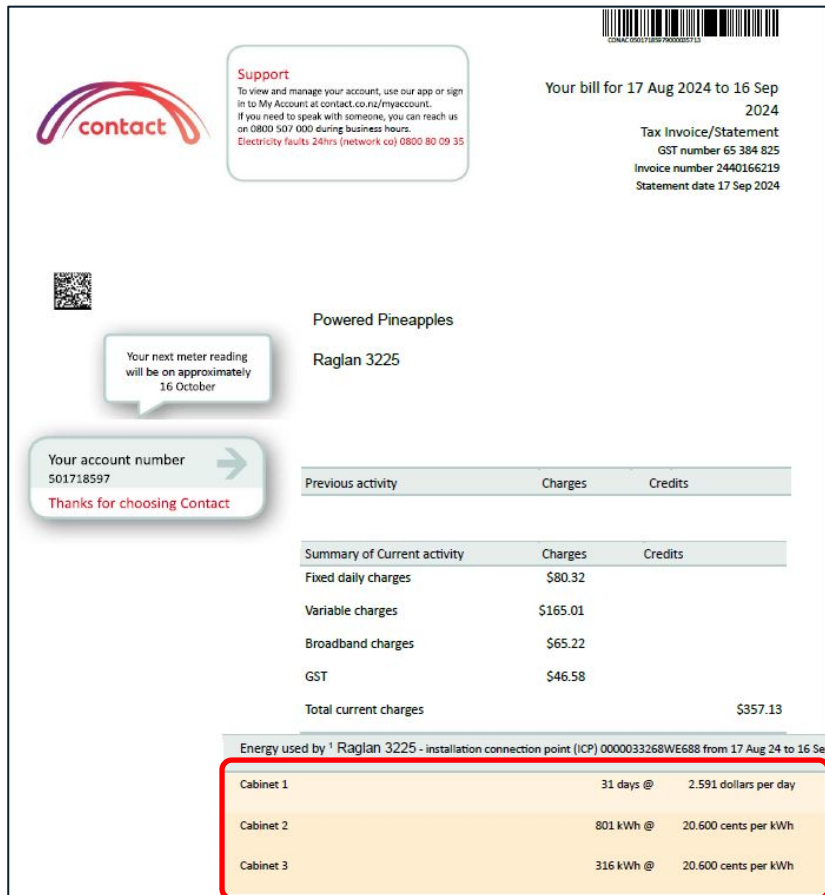
Excel – Power Query

Scenario

PDF Power Bills for Multiple Locations

Each Cabinet at a location is a project task

Need to create invoice data from the .pdf



Support
To view and manage your account, use our app or sign in to My Account at contact.co.nz/myaccount. If you need to speak with someone, you can reach us on 0800 507 000 during business hours. Electricity faults 24hrs (network co) 0800 80 09 35

Your bill for 17 Aug 2024 to 16 Sep 2024
Tax Invoice/Statement
GST number 65 384 825
Invoice number 2440166219
Statement date 17 Sep 2024

Powered Pineapples
Raglan 3225

Your next meter reading will be on approximately 16 October

Your account number 501718597
Thanks for choosing Contact

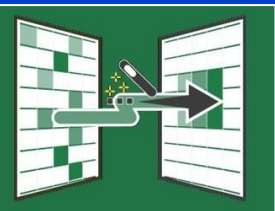
Previous activity	Charges	Credits
Summary of Current activity		
Fixed daily charges	\$80.32	
Variable charges	\$165.01	
Broadband charges	\$65.22	
GST	\$46.58	
Total current charges		\$357.13

Energy used by ¹ Raglan 3225 - installation connection point (ICP) 0000033268WE688 from 17 Aug 24 to 16 Sep		
Cabinet 1	31 days @	2.591 dollars per day
Cabinet 2	801 kWh @	20.600 cents per kWh
Cabinet 3	316 kWh @	20.600 cents per kWh

Energy used by ¹ Raglan 3225 - installation connection point (ICP) 0000033268WE688 from 17 Aug 24 to 16 Sep		
Cabinet 1	31 days @	2.591 dollars per day
Cabinet 2	801 kWh @	20.600 cents per kWh
Cabinet 3	316 kWh @	20.600 cents per kWh

Extraction

Excel – Power Query



Energy used by 1 Raglan 3225 - installation connection point (ICP) 0000033268WE688 from 17 Aug 24 to 16 Sep 24

Cabinet	Days	Rate
Cabinet 1	31 days @	2.591 dollars per day
Cabinet 2	801 kWh @	20.600 cents per kWh
Cabinet 3	316 kWh @	20.600 cents per kWh

Queries [1] SitePowerBill

fx = Table.RemoveColumns(#"Renamed Columns",{"Column3.2"})

	A ^B C Task	A ^B C Unit	A ^B C UOM	A ^B C Amount
1	Cabinet 1	31	days	2.591
2	Cabinet 2	801	kWh	20.600
3	Cabinet 3	316	kWh	20.600

Query Settings

PROPERTIES

Name: SitePowerBill

APPLIED STEPS

- Source
- Navigation
- Changed Type
- Removed Top Rows
- Split Column by Delimiter1
- Split Column by Delimiter2
- Replaced Value
- Renamed Columns
- Removed Columns**

Advanced Editor

SitePowerBill

```

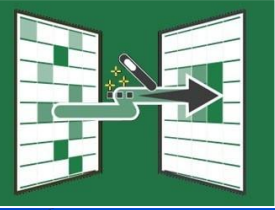
let
    Source = Pdf.Tables(File.Contents("C:\Users\david\OneDrive\Documents\PowerInv
    Table002 = Source[[Id="Table002"]][Data],
    #"Changed Type" = Table.TransformColumnTypes(Table002,{{"Column1", type text}
    #"Removed Top Rows" = Table.Skip(#"Changed Type",1),
    #"Split Column by Delimiter1" = Table.SplitColumn(#"Removed Top Rows", "Column
    #"Split Column by Delimiter2" = Table.SplitColumn(#"Split Column by Delimiter
    #"Replaced Value" = Table.ReplaceValue(#"Split Column by Delimiter2", "@", "",
    #"Renamed Columns" = Table.RenameColumns(#"Replaced Value",{{"Column1", "Task
    #"Removed Columns" = Table.RemoveColumns(#"Renamed Columns",{"Column3.2"})
in
    #"Removed Columns"
    
```

No syntax errors have been detected.

Done Cancel

Extraction

Excel – Power Query



Energy used by 1 Raglan 3225 - installation connection point (ICP) 0000033268WE688 from 17 Aug 24 to 16 Sep

Cabinet 1	31 days @	2.591 dollars per day
Cabinet 2	801 kWh @	20.600 cents per kWh
Cabinet 3	316 kWh @	20.600 cents per kWh

The screenshot shows an Excel spreadsheet with a table of energy usage data. The table has columns for Task, Unit, UOM, and Amount. The data is as follows:

Task	Unit	UOM	Amount
Cabinet 1	31	days	2.591
Cabinet 2	801	kWh	20.600
Cabinet 3	316	kWh	20.600

The Queries & Connections pane on the right shows a query named 'SitePowerBill' with 3 rows loaded. A red box highlights the refresh icon in the top right corner of the query card.

Process completed successfully

Display Settings 130%

.pdf & Images - Use When

You receive a document with clean data

Low transaction volumes

Not Designed For

AI Image learning. Stick to other scanning options

High volume transactions, works on the same file name each time.

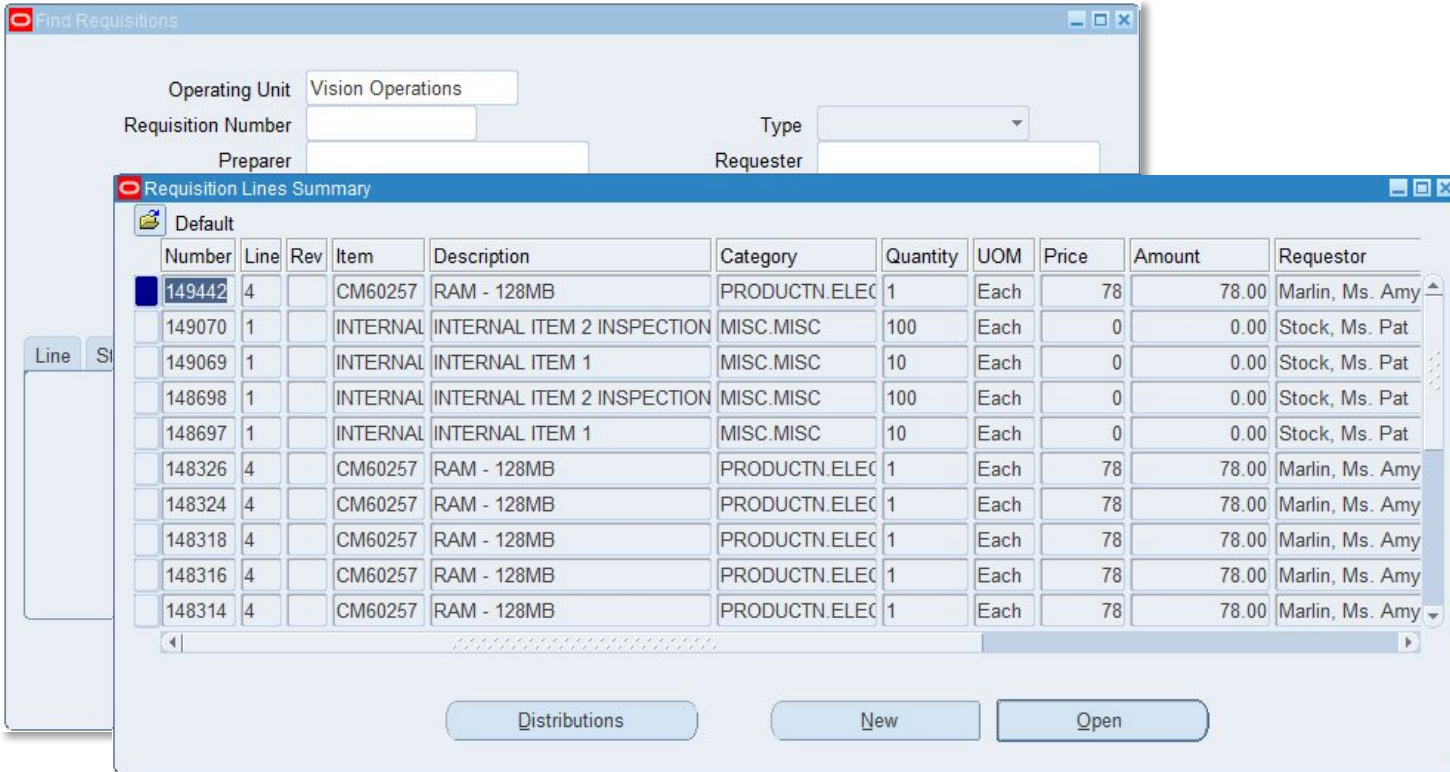


Hint

Work with your data providers to help improve the extraction fields and data quality

Extraction

More4apps Folder Forms



The screenshot shows two SAP windows. The top window is 'Find Requisitions' with fields for Operating Unit (Vision Operations), Requisition Number, Preparer, Type, and Requester. The bottom window is 'Requisition Lines Summary' showing a table of requisition lines.

Number	Line	Rev	Item	Description	Category	Quantity	UOM	Price	Amount	Requestor
149442	4		CM60257	RAM - 128MB	PRODUCTN.ELEC	1	Each	78	78.00	Marlin, Ms. Amy
149070	1		INTERNAL	INTERNAL ITEM 2 INSPECTION	MISC.MISC	100	Each	0	0.00	Stock, Ms. Pat
149069	1		INTERNAL	INTERNAL ITEM 1	MISC.MISC	10	Each	0	0.00	Stock, Ms. Pat
148698	1		INTERNAL	INTERNAL ITEM 2 INSPECTION	MISC.MISC	100	Each	0	0.00	Stock, Ms. Pat
148697	1		INTERNAL	INTERNAL ITEM 1	MISC.MISC	10	Each	0	0.00	Stock, Ms. Pat
148326	4		CM60257	RAM - 128MB	PRODUCTN.ELEC	1	Each	78	78.00	Marlin, Ms. Amy
148324	4		CM60257	RAM - 128MB	PRODUCTN.ELEC	1	Each	78	78.00	Marlin, Ms. Amy
148318	4		CM60257	RAM - 128MB	PRODUCTN.ELEC	1	Each	78	78.00	Marlin, Ms. Amy
148316	4		CM60257	RAM - 128MB	PRODUCTN.ELEC	1	Each	78	78.00	Marlin, Ms. Amy
148314	4		CM60257	RAM - 128MB	PRODUCTN.ELEC	1	Each	78	78.00	Marlin, Ms. Amy



Download
.CSV



 More4apps

✓ Use Folder Forms When

Your main data needs are in the folder form

Infrequently used or the query is too complicated to recreate in Custom Query

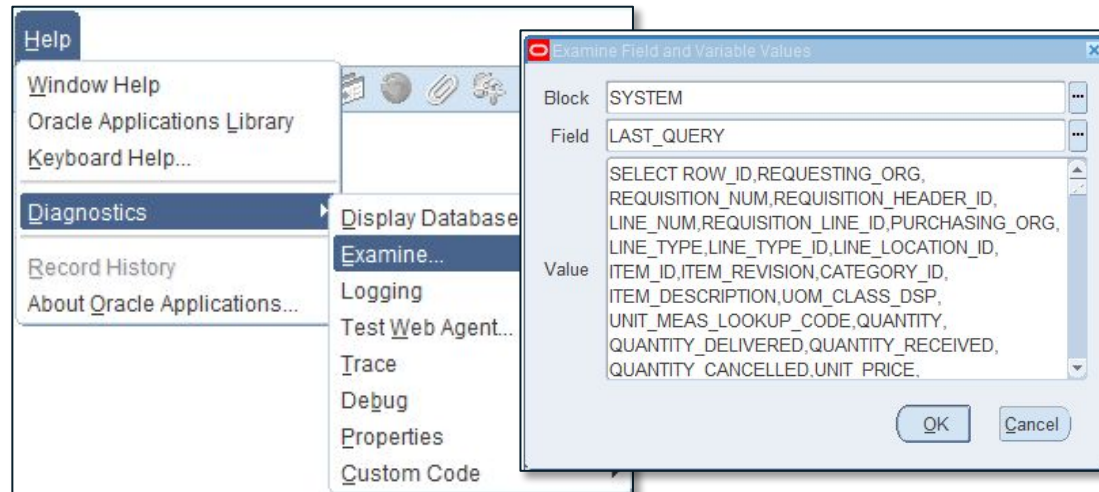
⚠ Not Designed For

Frequent repeated use, other options are cleaner



Hint

Take your Folder Form Query
and use with the Custom Query



Questions?



David Wright

Global Solution Specialist Manager
david.wright@more4apps.com

Join the More4apps Community, an interactive, self-service platform built with *you* in mind.

- ✔ 1000s of resources
- ✔ Discussion forums
- ✔ Download latest releases
- ✔ Submit support requests

www.community.more4apps.com

