

**DYNAMICS CON PRESENTATION**

# **DYNAMICS CON LIVE**



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2022**



# Seven Power BI Reports you need for your Dynamics GP Users

David Laster



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# David Laster

- Dynamics GP and Power BI Enthusiast
- Dynamics GP Admin
- Business Central Solution Architect



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Spring 2021 (virtual event)  
Fall 2021 (virtual event)  
Fall 2022 (live event)

- 23 Years of Accounting and GP Implementation, Installation, Upgrade, Training and Support Experience
- Familiar with each of the past 19 releases of Dynamics GP
- Completed well over 350+ upgrades / installations / implementations
- Author – Management Reporter for MS Dynamics GP (Accolade Publications)
- Power BI Change Agent at our own company and with our customers
- Self-proclaimed Data Wrangler & Citizen Developer
- Developed the Power BI Administrator Dashboard
- Developed Security Analyzer Dashboard for Dynamics GP
- Managing GP-to-Business Central Cloud Migrations
- Product Manager for Bullhorn-to-GP and Business Central Connectors



# Presentation Framework

**40 min content, 10 min Q&A**

**Some lecture-ish, but let's engage and learn together!**

**Lots of demos and examples of Power BI dashboards for GP**

**Searching for a few 'A-HA!!!' moments from each of you**

**Discuss data sources and tips/techniques**

**'Advanced network' and brainstorm with me AFTER and IN-BETWEEN sessions!**



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# 7 Power BI Reports for your Dynamics GP Users

GP  
Administration

Accounts &  
Financials

GP Security

GP Bad Data

GP What's  
New

Payables &  
Purchasing

Sales &  
Receivables

Payroll & HR

Inventory &  
Manufacturing

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# **7 Types of GP Dashboards**

**Data Integrity & Issue Detection**

**Reference**

**Setup & Configuration**

**Master Records**

**Transactions & Activity**

**Forms & Printouts**

**KPIs**



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# Traditional Reporting Applies

***What*** are we reporting on?

Data Sources  
Permissions

***Who*** is going to care?

Audience  
Method of Delivery

***Why*** would they want to know?

Perform Calculations  
Make Decisions  
Process Transactions  
For Distribution/Publication

***When*** do they need it?

Frequency  
Automation

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# Power BI Reporting Paradigm

**Tells me a good summary**

**Tells me what I need to know**

**Tells me what I don't know**

**Tells me what I might like to know**

**Tells me I have it right**

**Tells me when something is wrong**

**Tells me something interesting**

**Tells others what is going on**

**Encourages me to interact with the data**

**Makes data available all the time**

**Allows consumption from everywhere**

**Controls security and access**

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# **(Semi-) Pro Tips for GP Power BI Admins**

**Always look for ways to organize, consume and visualize data**

**Use Power BI in everyday life**

**Publish to Power BI Service**

**Refresh timing thoughtfully**

**Use Data Sources thoughtfully**

**Publish Dashboards and Reports in Teams Channels**

**Monitor usage & follow-up to notifications**

**Get feedback and implement betterment changes**



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# **Dynamics GP Data Sources**

**SQL Tables (Dynamics and Companies)**

**SQL Tables (NON-GP databases)**

**SQL Views (out of the box/Smartlists)**

**GP ODATA (requires configuration)**

**Custom SQL Views**

**Stored Procedures**

**Flat Files (Dynamics.set & .ini)**



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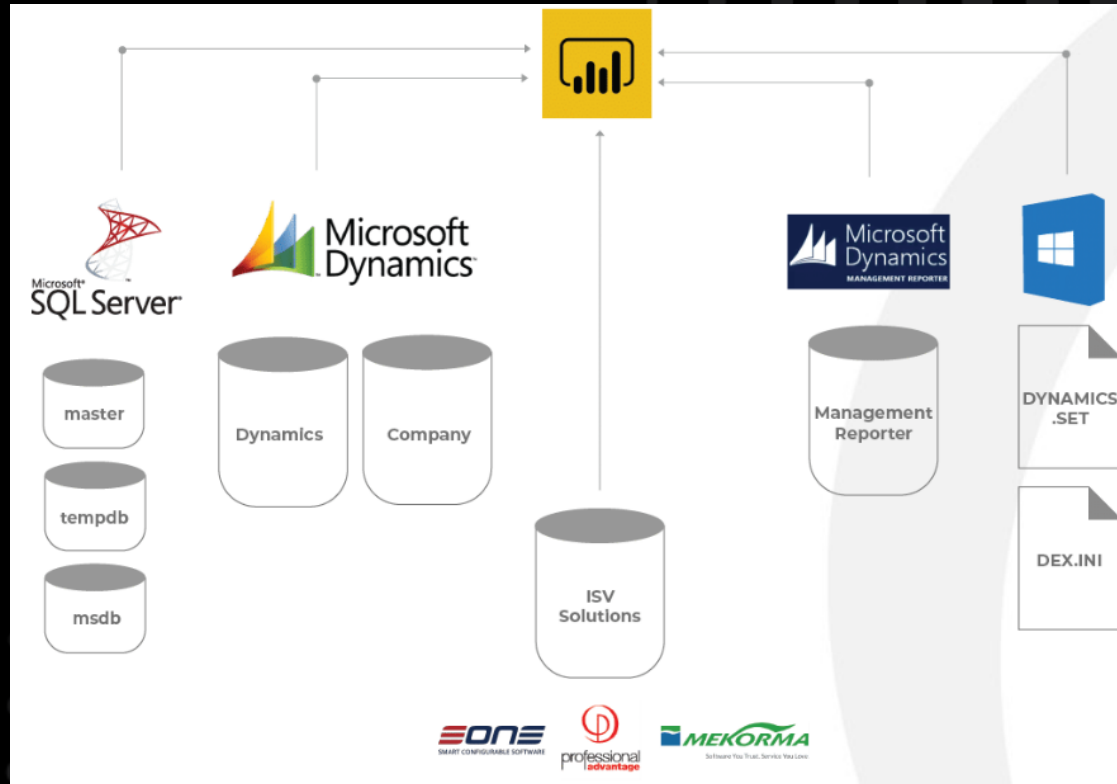




# **Dashboards & Discussion (YAY!)**



# #1 GP Administration



SQL Server

Dynamics

Company

Module  
Setups

Management  
Reporter

ISVs

Master  
Records

<https://www.gravoc.com/power-bi-dashboard-for-dynamics-gp-admins-managers-and-users/>



**Power BI Dashboard for GP  
Admins, Managers & Users**

Perform a Dynamics GP System  
Audit / Assessment & ongoing  
monitoring with these 30 dashboards  
through a single location point!

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## 1. MSSQL - SQL Server

### SQL Database Properties

name	owner	db_size	created	compatibility_level	status
CAD	DYNOSA	828.06 MB	Dec 4 2017	130	Status=ONLINE, Updateability=READ_WRITE, UserAccess=MULTI_USER, Recovery=FULL, IsAutoCreateStatistics, IsAutoUpdateStatistics, IsFullTextEnabled
COMP1	DYNOSA	574.81 MB	Nov 27 2017	130	Status=ONLINE, Updateability=READ_WRITE, UserAccess=MULTI_USER, Recovery=FULL, IsAutoCreateStatistics, IsAutoUpdateStatistics, IsFullTextEnabled
DYNAMICS	DYNOSA	1016.56 MB	Nov 27 2017	130	Status=ONLINE, Updateability=READ_WRITE, UserAccess=MULTI_USER, Recovery=FULL, IsAutoCreateStatistics, IsAutoUpdateStatistics, IsFullTextEnabled

### Recovery - FULL

name	owner	db_size	status
model	sa	16.00 MB	Status=ONLINE, Updateability=READ_WRITE, UserAccess=MULTI_USER, Recovery=FULL, IsAutoCreateStatistics, IsAutoUpdateStatistics, IsFullTextEnabled

### Recovery - SIMPLE

name	owner	db_size	created	corruption
<	<	<	<	<

### DEX Session

session_id	sqlsrv_spid
2	53
5	53
6	68

### DEX Lock

session_id	table_path_name
5	TWO.dbo.POP10100
6	COMP1.dbo.IV10000
7	COMP1.dbo.SOP10100

### SQL Instance Jobs - ALL Jobs

name
Backup.Subplan_1
Remove Posted PJOURNALS From All Companies (DYNAMICS)
Scan For Invalid AD Users and Expired Delegations For All

### SQL Instance Users - ALL Users

principal_name	principal_type	security_entity
##MS_PolicyEventProcessingLogin##	SQL_LOGIN	CONNECT SQL
##MS_PolicyTsqlExecutionLogin##	SQL_LOGIN	CONNECT SQL
##MS_PolicyTsqlExecutionLogin##	SQL_LOGIN	VIEW ANY DEFINITION

### Active SQL Connections

Login	HostName	DBName	SPID	Status	Command
GRAVOC\BUS-DLASTER\$	BUS-DLASTER	master	51	sleeping	AWAITING COMMAND
GRAVOC\BUS-DLASTER\$	BUS-DLASTER	msdb	55	sleeping	AWAITING COMMAND
GRAVOC\BUS-DLASTER\$	BUS-DLASTER	msdb	56	sleeping	AWAITING COMMAND
GRAVOC\BUS-DLASTER\$	BUS-DLASTER	msdb	57	sleeping	AWAITING COMMAND
GRAVOC\BUS-DLASTER\$	BUS-DLASTER	ReportServer\$GP2018	73	sleeping	AWAITING COMMAND
GRAVOC\BUS-DLASTER\$	BUS-DLASTER	ReportServer\$GP2018	95	sleeping	AWAITING COMMAND
GRAVOC\dlaster	BUS-DLASTER	COMP1	106	sleeping	AWAITING COMMAND
GRAVOC\dlaster	BUS-DLASTER	COMP1	107	sleeping	AWAITING COMMAND
GRAVOC\dlaster	BUS-DLASTER	COMP1	111	sleeping	AWAITING COMMAND
GRAVOC\dlaster	BUS-DLASTER	COMP1	117	sleeping	AWAITING COMMAND

### SQL Instance Jobs - BACKUP Jobs

name	name2
Backup.Subplan_1	sa

### SQL Instance Jobs - WORKFLOW Jobs

name
Scan For Overdue Workflow Tasks For All Companies (DYNAMICS)
SmartConnect

### SQL Instance Jobs - PJOURNAL Job

name	name2
Remove Posted PJOURNALS From All Companies (DYNAMICS)	sa

### SQL Instance Users - WINDOWS Users

principal_name	principal_type	security_entity
NT SERVICE\Winmgmt	WINDOWS_LOGIN	CONNECT SQL

### SQL Instance Users - SQL Users

principal_name	principal_type	security_entity
smartview	SQL_LOGIN	CONNECT SQL
SmartConnect	SQL_LOGIN	CONNECT SQL

### SQL Instance Users - SERVICES Users

principal_name	principal_type	security_entity
NT SERVICE\Winmgmt	WINDOWS_LOGIN	CONNECT SQL

What databases do we have?

Who is connected to SQL right now?

What users are set up on the SQL instance?

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## 6. DYNAMICS - Multicurrency

### Currency Master

CAD Currency ID	Canadian Dollars Description	CAD ISO Code	CAD Symbol	True Allow: Include Space	Dollars AP Check: Currency Unit	and AP Check: Subunit Conn...	Cents AP Check: Currency Subunit
CHF Currency ID	CHF Description	CHF ISO Code	CHF Symbol	True Allow: Include Space	Francs AP Check: Currency Unit	and AP Check: Subunit Conn...	Cents AP Check: Currency Subunit
EUR Currency ID	Euro Description	EUR ISO Code	€ Symbol	True Allow: Include Space	Euros AP Check: Currency Unit	and AP Check: Subunit Conn...	Cents AP Check: Currency Subunit

### MC Exchange Table Master

CAD-USD AVG Exchange Table ID	CAD to USD Average Rate Description	CAD Currency ID	1-Daily Rate Frequency	0-Multiply Rate Calculation Method	1-Previous Date Transaction Rate Default	0-Unlimited Expired Rate Search
CAD-USD ME Exchange Table ID	CAD to USD Month End ... Description	CAD Currency ID	1-Daily Rate Frequency	0-Multiply Rate Calculation Method	1-Previous Date Transaction Rate Default	0-Unlimited Expired Rate Search
CT GBP-USD AVG	GBP-USD AVG	USD	5-Monthly	1-Divide	1-Previous Date	0-Unlimited

### MC Currency Access

Company Name	CAD	EUR	GBP	USD	Z-AUD	Z-C\$	Z-EURO	Z-NZD	Z-SA	Z-SGD	Z-UK	Z-US\$
Canadian Company	0			0								
Fabrikam, Inc.					0	0	0	0	0	0	0	0
GraVoc Associates, Inc.	0		0	0								
Multicurrency = GBP Functional		0	0	0								

### MC Exchange Table Access

Company Name	CAD-USD AVG	CAD-USD ME	CT GBP-USD AVG	CT GBP-USD HIST	CT GBP-USD ME	GBP-U
Canadian Company						
Fabrikam, Inc.						
GraVoc Associates, Inc.	0	0				
Multicurrency = GBP Functional			0	0	0	

What's the status of currency and exchange table setup?

Which companies have access to which currencies and exchange tables?

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## 9. COMPANY MAIN - Posting Setup

### Posting Account Defaults - Assigned

2-Financial Series	(Blank) Account Number
(Blank) Account Description	(Blank) Posting Type

### Posting Settings

2-Financial Series	Bank Deposit Entry Transaction Source	0-Transaction Create a Journal Entry Per
True	False	Batch Approval Password
Allow: Post To GL	Allow: Require Batch ...	Allow: Verify Batch Amo...
True	False	False
Allow: Transaction Po...	Allow: Post Through ...	Allow: Verify Batch Amo...
False	False	1-Create New If Existing Batch
Allow: Verify Number...	Allow: Include Multic...	
0-Batch Use Posting Date From	False Use Account Settings	

### Posting Settings - NOT Posting THROUGH GL

2-Financial Series	True	False
Allow: Post To GL	Allow: Post Through GL	
False	Currency Revaluation Transaction Source	0-Batch Use Posting Date From

### Posting Account Defaults - Unassigned

2-Financial Series	(Blank) Account Number
(Blank) Account Description	(Blank) Posting Type

### Posting Settings - Batch Approvals Required

3-Sales Series	Sales Voided Transac... Transaction Source	True
		Allow: Require Batch Appr...
3-Sales Series	Voided Trx Maintena... Transaction Source	True
		Allow: Require Batch Appr...

### Financial Posting

2-Financial Series	Bank Deposit Entry Transaction Source
True	True
Ask to Print	Print to Screen
True	True
Print to Printer	Print to File

### Sales Posting

3-Sales Series	Currency Revaluation Transaction Source
True	False
Ask to Print	Print to Screen
False	False
Print to Printer	Print to File

### Purchasing Posting

4-Purchasing Series	Apply To Transaction Source
True	False
Ask to Print	Print to Screen
False	False
Print to Printer	Print to File

### Inventory Posting

5-Inventory Series	Assembly Entry Transaction Source
True	False
Ask to Print	Print to Screen
False	False
Print to Printer	Print to File

### Posting Journal Destinations - Printing to FILE

True	2-Financial Series	Bank Deposit Entry Transaction Source	:C:\Users\d\laster\Desktop\...	6-Tab Delimited Export File Type
Print to File			Export File Pathname	
True	5-Inventory Series	Depot Adjustment Transaction Source	:C:\GP2018\EXPORTS\...	5-Text File Export File Type
Print to File			Export File Pathname	

### Posting Journal Destinations - Printing to PRINTER

2-Financial Series	Bank Deposit Entry Transaction Source	True
		Print to Printer
4-Purchasing Series	Edit PO Status Transaction Source	True
		Print to Printer

Is everything set to post THROUGH the GL?

Are Batch Approvals required anywhere?

What are the default printing destinations for posting journals?

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### PLUS 10 - Master Records by Module

Accounts	Vendors	Customers	Items	Asset Books	Employees	GP Users	MR Users
652	37	21	37	1	5	10	2
Accounts - Active	Vendors - Active	Customers - Active	Items - Sales Invent...	Asset Clases	Employee Classes	User Classes	MR User Groups X
650	34	20	20	3	4	2	2
Accounts - Inactive	Vendors - Inactive	Customers - Inactive	Items - Services	Asset Groups	Positions	GP Companies	MR Companies
2	2	1	16	1	3	4	4
Accounts - Active B...	Vendors - Hold	Customers - Hold	Items - Kits	Asset General Reco...	Departments	Locations	MR Reports
94	1	2	1	6	3	1	20
Unit Accounts	Vendors - Temporary	Customers - Nation...	Items - Flat Fee	Asset Book Records	Pay Codes	Payment Terms	MR Rows
2	1	1	(Blank)	5	5	11	12
Accounts - Active P...	Vendors - Addresses	Customers - Addre...	Items - Miscellaneo...		Deductions	Shipping Methods	MR Colums
556	41	26	(Blank)		8	6	44
Account Categories	Vendor Classes	Customer Classes	Item Classes		Benefits	Tax Schedules	MR Trees
50	7	7	8		1	5	2
Financial Budgets	Landed Costs	Salespeople	Sites		Local Taxes	Tax Details	MR Report Groups
5	1	3	7		5	6	2
Checkbooks		Territories	Price Levels		Workers Comp	Document Attachm...	MR Report Schedul...
5		4	3		2	9	2
EFT Checkbooks			Price Groups			Workflows	
4			3			5	

What modules have records?

How many of what do we have in GP?

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## 19. Management Reporter

### MR Report Definitions

12 Month Rollin...	(Blank)
Name	Description
	LastGeneratedDate
12 Month Trend ...	(Blank)
Name	Description
	LastGeneratedDate
Balance List - De...	(Blank)

### MR Row Definitions

Balance Sheet	Balance Sheet	6/19/17
Name	Description	LastModifiedDate
Balance Sheet - ...		
Name	Description	LastModifiedDate

### MR Column Definitions

12 Month Period...	12 Periodic Colu...	3/9/19
Name	Description	LastModifiedDate
3 Year Quarterly ...		
Name	Description	LastModifiedDate

### MR Tree Definitions

Cost Centers	Cost Centers	6/19/17
Name	Description	LastModifiedDate
Locations	Locations	6/19/17
Name	Description	LastModifiedDate

### MR Company Master

CAD-Curr	Canadian Company
Code	Name
TWO-Curr	Fabrikam, Inc.
Code	Name
COMP1-Curr	GraVoc Associates, Inc.

### MR User Master

David Laster	False	6/15/17	5
UserName	AccountDisabled	LastLoginAttempt	RoleType
Management ...	False	6/15/17	5
UserName	AccountDisabled	LastLoginAttempt	RoleType

### MR Report Groups

AllReports	7/18/18
Name	Description
	LastModifiedDate
Month End Reports	3/25/19
Name	Description
	LastModifiedDate

### MR Report Schedules

Managers Monthly R...	3/25/19
Name	Description
	LastModifiedDate
Monday Morning P&...	3/25/19
Name	Description
	LastModifiedDate

### MR Count of Versions Saved by Report

2
AllReports
5
Balance Sheet - Full YTD Trend
166
Income Statement - 3 Periods and YTD
167

### MR Table Sizes and Row Count

Total Size MB	Rows	Name
4.76	28956	ReportRow
1.62	25057	ReportLineFinancial
1.26	1552	sysobjvalues
1.23	3891	syschobjs
1.14	4955	RepositoryMessage
0.97	4482	syscolpars
0.86	18812	ReportRowCalculation
0.60	5100	ReportHeader

When was the last modification made to a report?

How many versions of each report exist?

Who has access to MR?

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# #2 GP Bad Data Detector

Bank Reconciliation -  
Checkbook Analysis

System - Bad and  
Orphaned Session  
info, Database owner,  
Compatibility Level

Company - Bad /  
Stuck Batches

Customers/Vendors -  
Bad Payment Terms

Customer/Vendors -  
New & Modified

General Ledger - Bad  
Accounts, Journal  
Transactions

Payables - Bad  
Payables Apply

Receivables - Bad  
Receivables Apply

SOP - Bad Sales  
Transactions

POP - Bad Purchase  
Orders

Payables - Duplicate  
PM Keys

Payables - Missing  
PM Keys

## Data Sources:

### Fields

Search

- > BatchStatusCodes
- > Checkbooks
- > Customers
- > CustomerTerms
- > GLAccountExistsGL00100-NotGL00105
- > GLAccountExistsGL00105-NotGL00100
- > GLDetailExists-NoTransaction
- > GLDups-Find GL Duplicates
- > GLHeaderExists-NoDetail
- > GPTableRef
- > IVCDups-Find IVC Duplicates
- > IVDups-Find IV Duplicates
- > OrphanSessions
- > PMApplyOrphansWorkOpen
- > PMApplyOrphansHistory
- > PMDups-Find PM Duplicates
- > PMDups-ManualPMT-WORKHIST
- > PMDups-ManualPMT-WORKOPEN
- > PMDups-PMT-WORKHIST
- > PMDups-PMT-WORKOPEN

- > PMDups-TRX-OPENHIST
- > PMDups-TRX-WORKHIST
- > PMDups-TRX-WORKOPEN
- > PMKEYS-ControlNumberBLANK
- > PMKEYS-DocStatus0
- > PMKEYS-VendorIDBLANK
- > POPDups-Find PO Duplicates
- > POPHistLinesExist-NoHeader
- > POPWorkLinesExist-NoHeader
- > RCTDups-Find RCT Duplicates
- > RMAApplyOrphansHistory
- > RMAApplyOrphansOpen
- > RMDups-Find RM Duplicates
- > Sales
- > SOPDups-Find SOP Duplicates
- > SOPLinesExist-NoHeader
- > SOPWorkAndHist
- > sp\_helpdb
- > StuckBatches
- > UserActivity
- > Vendors
- > VendorTerms

<https://www.gravoc.com/gp-bad-data-detector/>



### GP Bad Data Detector

Ease the burden on your GP  
Administrators by using Power BI to  
discover and detect outlier or  
unusual data within Dynamics GP!



# Dynamics GP - Bad Sessions & Database Owner

## User Activity Detail

GP User ID	User Name	Last Login Date	Company Name	SQL Session ID	Batch Activity Locks	Resource Activity Locks	Table Locks
sa	sa	8/19/2021		0	0	0	0
ActgMgr	Account Manager - Test User	1/1/1900		0	0	0	0
APClerk	AP Clerk - Test User	1/1/1900		0	0	0	0
APPROVER	Approver	1/1/1900		0	0	0	0
Bookkeeper	Bookkeeper - Test User	1/1/1900		0	0	0	0
dlaster	David Laster	1/1/1900		0	0	0	0
DUG	Dynamics User Group	1/1/1900		0	0	0	0
DYNOSA	DYNOSA	1/1/1900		0	0	0	0

## Database Owner Not DYNOSA

dbid	owner	name	compatibility_level
5	GRAVOC\dlaster	DYNAMICS	150
6	GRAVOC\dlaster	CAD	150
7	GRAVOC\dlaster	COMP1	150
8	GRAVOC\dlaster	MCGBP	150
9	GRAVOC\dlaster	TWO	150
10	GRAVOC\dlaster	SmartConnect	150
11	GRAVOC\dlaster	ReportServer	150
12	GRAVOC\dlaster	ReportServerTempDB	150
1	sa	master	150
2	sa	tempdb	150

## ORPHANED Dynamics Activity Records (NO SQL Session ID)

GP User ID	Company Name	Session ID	Status
------------	--------------	------------	--------

What users have activity?

Who is the DB owner?

Do we have any orphaned GP sessions?

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# Dynamics GP - Bad Batches

## STUCK BATCHES

Batch_Number	Batch_Source	Batch_Amount_Total	GL_Posting_Date	Num_Trx	Marked	Batch_Status	Column2	UserID	Created_Date
PETTY	RM_Cash	8,982.00	5/24/2017	4		3	Batch Receiving Transactions	sa	5/24/2017
SLSTE00000245	GL_Normal	7,184.78	1/1/1900	3		11	Single Batch Error / Transactions Did Not Post	sa	1/16/2017
UPTOWN TRUST	RM_Cash	8,982.00	5/24/2017	4		3	Batch Receiving Transactions	sa	5/24/2017

Do we have any stuck batches?

What are they and what is their status?

0	Available
1	Batch Posting
2	Batch Being Deleted
3	Batch Receiving Transactions
4	Batch Done Posting
5	Being Printed
6	Being Updated
7	Interrupted While Posting
8	Interrupted While Printing
9	Interrupted While Updating
10	Recurring Batch Errors / Transactions Did Not Post
11	Single Batch Error / Transactions Did Not Post
15	Error While Posting Computer Checks
20	Interrupted While Processing Computer Checks
25	Interrupted While Printing Computer Checks Align
30	Interrupted While Printing Computer Checks
	Interrupted While Printing Computer Checks Align Before
35	Reprint Computer Checks
40	Interrupted While Voiding Checks
45	Interrupted While Reprinting Checks
50	Interrupted While Processing Remittance Report
55	Interrupted While Processing Remittance Report Align
60	Interrupted While Printing Remittance Report
100	Processing Computer Checks
105	Check Align Being Printed Before Print Checks
110	Printing Computer Checks
115	Check Align Being Printed Before Reprint Checks
120	Voiding Computer Checks
125	Reprint Computer Checks
130	Remittance Report
135	Printing Remittance Align Form
140	Printing Remittance Form

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## Dynamics GP - Payables - Duplicate Key Finder

### Find Duplicate PM Keys

COUNT	DOCTYPE	VCHRNMBR
2	1	0000032365

### GP Table Reference

Description	Series	Table
PM WORK	AP	PM10000
PM PMT WORK	AP	PM10300
PM MANUAL PMT WORK	AP	PM10400
PM OPEN	AP	PM20000
PM HIST	AP	PM30200

### WORK and OPEN

DOCNUMBR	VCHRNMBR	VENDORID
WIRE DIF 9-28 0000032365 THE006		
Total		

### OPEN and HISTORY

DOCNUMBR	VCHRNMBR	VENDORID
WIRE DIF 9-28 0000032365 THE006		
Total		

### WORK and HISTORY

DOCNUMBR	VCHRNMBR	VENDORID
----------	----------	----------

### PMT WORK and HISTORY

DOCNUMBR	VCHRNMBR	VENDORID
----------	----------	----------

### PMT WORK and OPEN

DOCNUMBR	VCHRNMBR	VENDORID
----------	----------	----------

### MANUAL PMT WORK and OPEN

DOCNUMBR	VCHRNMBR	VENDORID
----------	----------	----------

### MANUAL PMT WORK and

DOCNUMBR	VCHRNMBR	VENDORID
----------	----------	----------

Where do I find  
duplicate key records?

Do I have any bad  
payables keys data?

## Dynamics GP - Payables - Broken Key Finder

### BAD PM Key - DOC Status = 0

DOCNUMBR	VENDORID	DOCDATE	CNTRLNUM	DCSTATUS	DEX_ROW_ID	BCHSOURC
----------	----------	---------	----------	----------	------------	----------

### BAD PM Key - Control Number = BLANK

DOCNUMBR	VENDORID	DOCDATE	CNTRLNUM	DCSTATUS	DEX_ROW_ID	BCHSOURC
----------	----------	---------	----------	----------	------------	----------

### BAD PM Key - Vendor ID = BLANK

DOCNUMBR	VENDORID	DOCDATE	CNTRLNUM	DCSTATUS	DEX_ROW_ID	BCHSOURC
----------	----------	---------	----------	----------	------------	----------



## Dynamics GP - Bad Receivables Apply Data

### Dynamics GP - AR Orphaned Apply Records - Open

AR Orphaned Apply Records - Open

CUSTNMBR	TRXSORCE	APFRDCDT	APFRDCNM	APFRMAPLYAMT	APTODCNM	APTODCDT	APPTOAMT
ADAMPARK0001		5/23/2017	PYMNT000000000248	25.00	SLS13015	5/29/2014	25.00
CELLULAR0001		5/23/2017	PYMNT000000000247	15.00	SLS15014	5/23/2014	15.00
ASTORSUI0001		12/18/2015	PYMNT000000000268	31.95	INV1020	5/10/2014	31.95
AARONFIT0001		12/18/2015	PYMNT000000000265	1,140.00	SLS11012	5/21/2014	1,140.00

Why isn't this outstanding receivable correct?

Why can't I drill into the payment transaction?

### Dynamics GP - AR Orphaned Apply Records - History

AR Orphaned Apply Records - History

CUSTNMBR	TRXSORCE	APFRDCDT	APFRDCNM	APFRMAPLYAMT	APTODCNM	APTODCDT	APPTOAMT
AARONFIT0001	RMCSH00000228	4/29/2017	PYMNT000000000243	609.75	STDINV2222	4/30/2017	609.75
AARONFIT0001	RMCSH00000226	4/27/2017	PYMNT000000000241	42.59	STDINV2220	4/28/2017	42.59
AARONFIT0001	RMCSH00000225	4/26/2017	PYMNT000000000240	203.25	STDINV2219	4/27/2017	203.25
AARONFIT0001	RMCSH00000208	4/13/2017	PYMNT000000000223	127.77	STDINV2202	4/14/2017	127.77
AARONFIT0001	RMCSH00000209	4/13/2017	PYMNT000000000224	203.20	STDINV2203	4/14/2017	203.20

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# #3 GP Security Analyzer

<https://www.youtube.com/watch?app=desktop&v=vqhc38D5pMs>

YouTube Search

**A POWER BI APPROACH TO UNDERSTANDING GP SECURITY**

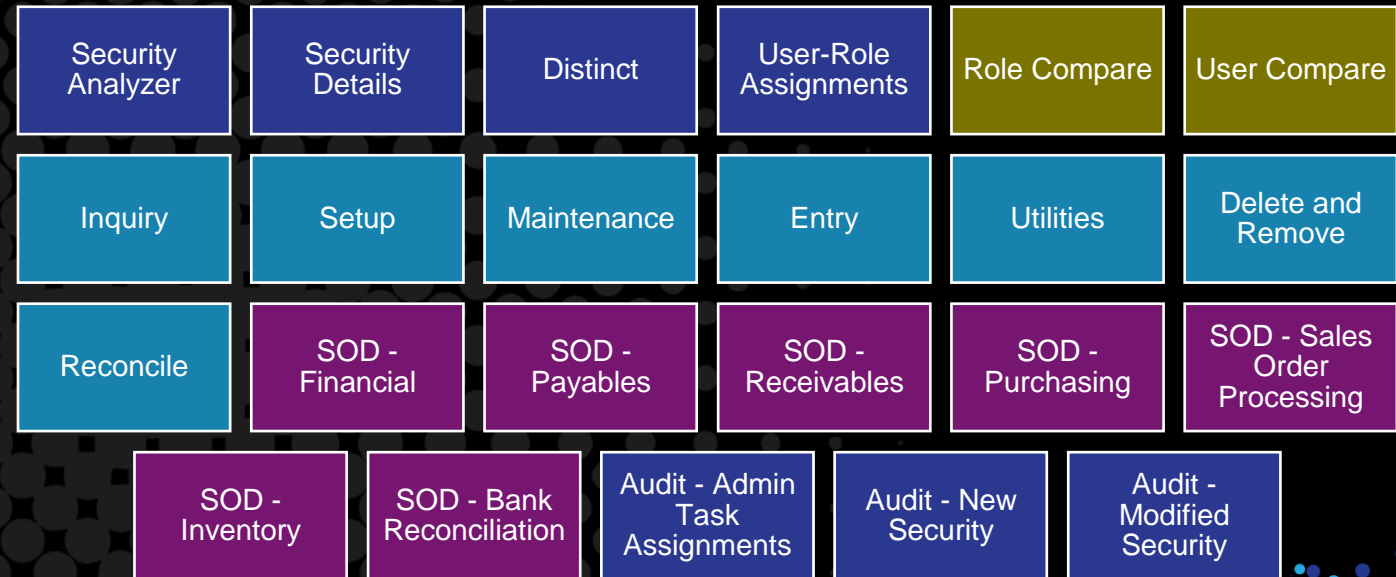
David Laster  
Director - Software Solutions  
Gravoc

0:39 / 43:51

David Laster - A Power BI Approach to Understanding Dynamics GP Security

72 views Mar 22, 2021 Auditors, banks, and business leaders all want safeguards around their financial systems, but Dynamics GP security is difficult to understand, and challenging to ...more

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<https://www.gravoc.com/gp-security-analyzer/>



## GP Security Analyzer

The easiest and the most powerfully visual way to understand Dynamics GP Security. 22 dashboards of Dynamics GP Security Analysis Bliss!

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# Dynamics GP - Security Details

Users			User + Role + Tasks						
User_ID	User + Role		User_ID	Security_Task_ID	Security_Task_Description	Security_Task_Name	Resource_Series	Resource_Type	Resource_Display_Name
	User_ID	SECURITYROLENAME							
	Gravoc1	_AP CLERK	Gravoc1	_EXTENDER	EXTENDER	EXTENDER			
	Gravoc1	_PURCHASING	Gravoc1	_SMARTLIST BUILDER		Smartlist Builder			
	Gravoc1	_SMARTLIST BUILDER	Gravoc1	_SMARTLIST BUILDER		Smartlist Builder		Smartlist	Account Summary
	Gravoc1	_SMARTLIST DESIGNER RPTS	Gravoc1	_SMARTLIST BUILDER		Smartlist Builder		Smartlist	Account Transactions
Gravoc1	Gravoc1	_SMARTVIEW	Gravoc1	_SMARTLIST BUILDER		Smartlist Builder		Smartlist	Accounts
	Gravoc1	ACCOUNTING MANAGER*	Gravoc1	_SMARTLIST BUILDER		Smartlist Builder		Smartlist	Bank Transactions
	Gravoc1	BOOKKEEPER*	Gravoc1	_SMARTLIST BUILDER		Smartlist Builder		Smartlist	Contract Lines
			Gravoc1	_SMARTLIST BUILDER		Smartlist Builder		Smartlist	Contracts
			Gravoc1	_SMARTLIST BUILDER		Smartlist Builder		Smartlist	Customer Addresses
			Gravoc1	_SMARTLIST BUILDER		Smartlist Builder		Smartlist	Customer Items
			Gravoc1	_SMARTLIST BUILDER		Smartlist Builder		Smartlist	Customers
			Gravoc1	_SMARTLIST BUILDER		Smartlist Builder		Smartlist	Employee Summary
			Gravoc1	_SMARTLIST BUILDER		Smartlist Builder		Smartlist	Employees
			Gravoc1	_SMARTLIST BUILDER		Smartlist Builder		Smartlist	Equipment
			Gravoc1	_SMARTLIST BUILDER		Smartlist Builder		Smartlist	Expense Category
			Gravoc1	_SMARTLIST BUILDER		Smartlist Builder		Smartlist	FA Book and Purchase
			Gravoc1	_SMARTLIST BUILDER		Smartlist Builder		Smartlist	Field Service Calls
			Gravoc1	_SMARTLIST BUILDER		Smartlist Builder		Smartlist	Fixed Assets
			Gravoc1	_SMARTLIST BUILDER		Smartlist Builder		Smartlist	Fixed Assets Books
			Gravoc1	_SMARTLIST BUILDER		Smartlist Builder		Smartlist	Fixed Assets Purchase
			Gravoc1	_SMARTLIST BUILDER		Smartlist Builder		Smartlist	History Contract Lines
			Gravoc1	_SMARTLIST BUILDER		Smartlist Builder		Smartlist	History Contracts
			Gravoc1	_SMARTLIST BUILDER		Smartlist Builder		Smartlist	History Field Service Calls
			Gravoc1	_SMARTLIST BUILDER		Smartlist Builder		Smartlist	History RMA Lines
			Gravoc1	_SMARTLIST BUILDER		Smartlist Builder		Smartlist	History RMAs
			Gravoc1	_SMARTLIST BUILDER		Smartlist Builder		Smartlist	History RTV Lines
			Gravoc1	_SMARTLIST BUILDER		Smartlist Builder		Smartlist	History RTVs
			Gravoc1	_SMARTLIST BUILDER		Smartlist Builder		Smartlist	Inventory Purchase Receipts
			Gravoc1	_SMARTLIST BUILDER		Smartlist Builder		Smartlist	Inventory Transactions
			Gravoc1	_SMARTLIST BUILDER		Smartlist Builder		Smartlist	Item Quantities
			Gravoc1	_SMARTLIST BUILDER		Smartlist Builder		Smartlist	Items
			Gravoc1	_SMARTLIST BUILDER		Smartlist Builder		Smartlist	Landed Cost Group ID
			Gravoc1	_SMARTLIST BUILDER		Smartlist Builder		Smartlist	Landed Cost ID
			Gravoc1	_SMARTLIST BUILDER		Smartlist Builder		Smartlist	Multidimensional Analysis
			Gravoc1	_SMARTLIST BUILDER		Smartlist Builder		Smartlist	Recurring Transactions

What Roles are assigned to each user?

What tasks does a user have access to?

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# Dynamics GP - User Comparison

USERID	USERNAME	CREATDDT	MODIFDT	DateInactivated	LSTUSRED
kpoulard	Kerline Poulard	08/05/2019	03/29/2021	01/01/1900	sa
		01/23/2019	01/08/2020	01/01/1900	sa
		12/18/2020	12/18/2020	01/01/1900	sa
		03/22/2018	02/01/2021	01/01/1900	sa
		12/18/2020	12/18/2020	01/01/1900	sa
		12/21/2020	01/11/2021	01/01/1900	sa

USERID	SECURITYROLEID
kpoulard	_AP CLERK2
kpoulard	_BANKING
kpoulard	_FINANCIAL RESTRICTED
kpoulard	_FIXED ASSETS
kpoulard	_PURCHASING2
kpoulard	_SMARTLIST BUILDER
kpoulard	_SMARTLIST DESIGNER RPTS
kpoulard	_SMARTVIEW
kpoulard	_TRX_PURCH_005 ROLE
kpoulard	BUILDER_ADMIN
kpoulard	BUILDER_ALL_TABLES
kpoulard	BUILDER_IMPORT_EXPORT

USERID	USERNAME	CREATDDT	MODIFDT	DateInactivated	LSTUSRED
DYNSA	DYNSA	01/01/1900	11/04/2020	01/01/1900	sa
		01/01/1900	01/01/1900	01/01/1900	sa
amcbride	Andria McBride	10/10/2016	11/10/2020	01/01/1900	sa
purchasing	Purchasing	10/10/2016	07/27/2020	01/01/1900	sa
receiving	Receiving	10/10/2016	08/12/2020	01/01/1900	sa
		10/10/2016	07/27/2020	01/01/1900	sa
		03/02/2017	01/24/2018	01/01/1900	sa

USERID	SECURITYROLEID
amcbride	_LIMITED_SETUP_NOPO
amcbride	_SMARTLIST DESIGNER RPTS
amcbride	_SMARTVIEW
amcbride	BUILDER_ADMIN
amcbride	BUILDER_ALL_TABLES
amcbride	BUILDER_IMPORT_EXPORT
amcbride	FA PROJECTION
purchasing	_PURCHASING
receiving	_RECEIVING

How does one user compare to another user?

What roles are different between users?

Also have pages for:

Role Comparison

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# Dynamics GP - User / Role / ADMIN Task Assignments

User Security by Role										
User_Name	_AP CLERK	_AP CLERK2	_AP CLERK4	_BANKING	_CFO	_FINANCIAL RESTRICTED	_FIXED ASSETS	_FP&A	_LIMITED_SETUP_NOPO	_PURCHASING
									1	
			1							1
								1		
	1									1
	1									1
			1							1
		1		1		1	1			
						1				
								1		
						1				
										1
					1					

## Related ADMIN Tasks

Security\_Task\_ID

- ADMIN\_AA\_001\*
- ADMIN\_AA\_002\*
- ADMIN\_COMPANY\_001\*
- ADMIN\_COMPANY\_002\*
- ADMIN\_COMPANY\_003\*
- ADMIN\_COMPANY\_004\*
- ADMIN\_COMPANY\_005\*
- ADMIN\_COMPANY\_006\*
- ADMIN\_COMPANY\_007\*
- ADMIN\_COMPANY\_008\*
- ADMIN\_COMPANY\_009\*
- ADMIN\_COMPANY\_010\*
- ADMIN\_COMPANY\_011\*
- ADMIN\_COMPANY\_012\*
- ADMIN\_COMPANY\_013\*
- ADMIN\_COMPANY\_CAM05\*
- ADMIN\_COMPANY\_CF05\*

## Related SETUP Windows

Resource\_Display\_Name

- Account Category Setup
- Account Format Setup
- Account Group Setup
- Account Segment Setup
- ACRS Setup
- Advanced Lookups Setup
- Advanced Picking Setup
- Affordable Care Act Code Setup

What Setup tasks can my users perform?

What roles have inappropriate admin access?

Which users have access to a specific setup window?





# Dynamics GP - MAINTENANCE Windows

Users				Roles		Tasks		USERS	
User_Name				Security_Role_ID		Security_Task_ID		User_ID	User_Name
<input type="checkbox"/> Select all <input type="checkbox"/> Candy Carrano <input type="checkbox"/> Gravoc1 <input type="checkbox"/> Jennifer Dwy <input type="checkbox"/> Karine Green				<input checked="" type="checkbox"/> _FIXED_ASSETS <input type="checkbox"/> _FP&A <input type="checkbox"/> _LIMITED_SETUP_NOPO <input checked="" type="checkbox"/> _PURCHASING <input type="checkbox"/> _PURCHASING2		<input type="checkbox"/> Select all <input checked="" type="checkbox"/> CARD_0407* <input checked="" type="checkbox"/> CARD_FA01*		ccarrano	Candy Carrano
								Gravoc1	Gravoc1
								jdwyer	Jennifer Dwy
								kareen	Karine Green

SYSTEM	COMPANY	FINANCIAL	PAYABLES
Resource_Display_Name	Resource_Display_Name	Resource_Display_Name Financial Detail Maintenance Retirement Maintenance Transfer Maintenance	Resource_Display_Name
RECEIVABLES	Sales Order Processing	Inventory	Purchase Order Processing
Resource_Display_Name	Resource_Display_Name	Resource_Display_Name Item Vendors Maintenance	Resource_Display_Name

What “X” windows  
does a user or role  
have access to?

Also have pages for:

Inquiry  
Windows

Entry  
Windows

Reports  
Windows

Setup  
Windows

Delete &  
Remove  
Windows

Reconcile  
Windows

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# Dynamics GP - Payables Segregation of Duties

Module Setups	Payables Setup		Vendor Class Setup	Vendor Modifier/Combiner
Master Records	Vendor Maintenance	Vendor Address Main...	Vendor Internet Info	Vendor EFT Bank Mai...
Vendor Workflow Approval	Vendor Approval Workflow			
Transaction Entry	Payables Transaction Entry	Payables Batch Entry	Payables Trans. Entry Distribution	
Transaction Workflow Approval	Payables Transaction Approval Workflow		Payables Batch Approval Workflow	
Posting Batch Approval	Payables Transaction Batch Approval Required		Computer Check Batch Approval Required	
Settlement: Vendor Payments	Build Payment Batch	Edit Payment Batch	Edit Vendor Payment	
	Print Payables Transaction Check	Print Payments	Generate EFT File	
	Scheduled Payment Entry	Manual Payment Entry	Post Payments	
	Void Open Transactions		Void History Transactions	

Roles

Security\_Role\_ID  
☐ Select all  
☐ \_AP CLERK4  
☐ \_PURCHASING  
☐ \_SMARTLIST BUILDER  
☐ \_SMARTLIST DESIGNER RP  
☐ \_SMARTVIEW

Users

User\_Name  
☐ Select all  
☐ Andria McBride  
☒ Candy Carrano  
☐ Charles Kelly  
☐ DYNOSA  
☐ Gravoc1  
☐ Jennifer Dwy

Tasks

Security\_Task\_ID  
☐ Select all  
☐ \_EXTENDER  
☐ \_SMARTLIST BUILDER  
☐ \_SMARTLIST DESIGNER RP  
☐ \_SMARTLIST OBJECTS  
☐ \_SMARTVIEW  
☐ ADMIN\_PURCH\_004\*

What can a user do in this module?

Are there any mitigating approvals in place?

Also have pages for:

Financial

Receivables

Purchasing

Sales Order Processing

Inventory

Bank Reconciliation





Dynamics GP - Audit - **Modified** Security Objects

1/1/2020

1/31/2021

Users					Users
MODIFDT	LSTUSRED	USERID	USERNAME	U^	15
11/25/2021	sa			Ir	
11/11/2021	sa			A	
2/18/2020	sa			A	
2/18/2020	sa			A	
2/03/2020	sa			A	
1/10/2020	sa			A	
1/04/2020	sa			A	
18/26/2020	sa			A	
18/14/2020	sa			Ir	
Roles					Roles
MODIFDT	MDFUSRID	SECURITYROLEID	SECURITYROLENAM		1
01/24/2020		_FINANCIAL RESTRICTED	Financial		
Tasks					Tasks
MODIFDT	MDFUSRID	SECURITYTASKID	SECURITYTASKNAME		4
01/20/2021	sa	ADMIN_PURCH_007*	Print 1099's		
01/04/2021	sa	_SMARTLIST BUILDER	Smartlist Builder		
01/04/2021	sa	_SMARTLIST DESIGNER RPTS	Smartlist Designer Reports		
04/02/2020	sa	_SMARTLIST OBJECTS	SmartList Object Permissions		
Reports and Forms					Rep and Form
MODIFDT	MDFUSRID	SECMODALTID	SECMODALTDESC		1
11/20/2020	sa	DEFAULTUSER	Default User		

Also have pages for:

New Security Objects





# #4 GP Accounts & Financials Reference

## Data Sources:

**Fields** >>

- > Accounts
- > AccountSummary
- > AccountTransactions
- > GL00100-AccountMaster
- > GL00102-CategoryMaster
- > GL00103-FixedAllocationMaster
- > GL00104-VariableAllocationMaster
- > GL00105-AccountIndexMaster
- > GL00200-BudgetMaster
- > GL00201-BudgetSummaryMaster
- > GL40200-SegmentDescriptionMaster

Chart of  
Accounts  
Analysis

Allocation and  
Unit Account  
Analysis

Trial Balance  
Drilldown and  
Hierarchy

Budgets

Income  
Statement

Trendline  
Reporting by  
GL Account

Cost Center  
Analysis

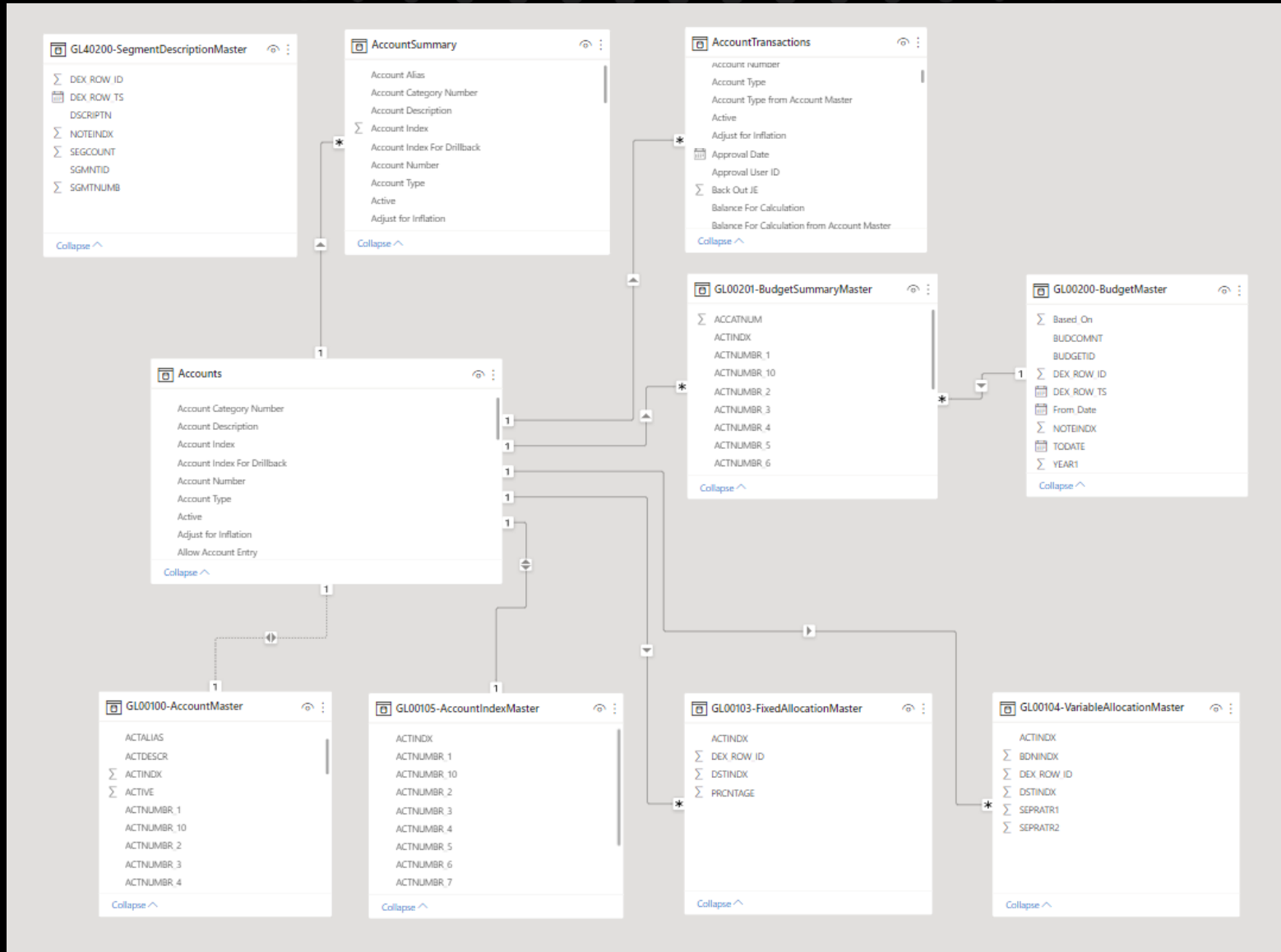
Categories

Ratios & KPI's

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# Financials Data Model:



## Could also add in:

- Analytical Accounting
- Multi-Dimensional Analysis

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# Chart of Accounts Analyzer

Main Account	Cost Center	Location	Description	Account Number
Segment2	Segment1	Segment3	Account Description	Account Number
1100	000	00	401(k) Payable	000-1100-00
1101	100	01	401k Expense	000-1101-00
1102	200	02	Accounting Fees	000-1102-00
1103	300	03	Accounts Payable	000-1103-00
1104	400	04	Accounts Payable - Australia	000-1104-00
1105	500	05	Accounts Payable - Canada	000-1105-00
1106	600	06	Accounts Payable - Germany	000-1106-00
1107	800	07	Accounts Payable - New Zealand	000-1107-00
1110	000	08	Accounts Payable - Singapore	000-1110-00

Category	P&L Accounts	Bal Sheet Accounts	Status	Created Date
Account Category Number	Segment2	Segment2	Active	Created Date
Accounts Payable	1103	1100	No	10/1/2020
Accounts Receivable	4100	1101	Yes	9/16/2020
Accumulated Depreciation	4110	1102		3/12/2020
Additional Paid-in Capital - Common	4111	1104		8/3/2016
Administrative Expense	4112	1105		4/19/2016
Amortization of Intangible Assets	4114	1106		10/12/2015
Cash	4115	1107		8/21/2015
Common Stock	4116	1110		7/21/2015
	4117			5/28/2015

Account Type
Account Type
Posting Account
Posting Allocation Account

How do I get a handle on my COA?

Do I have all the right accounts inactivated?

Are my accounts using the right categories?

Do we have any new accounts?

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## Trial Balance Analyzer with Drilldown

Segment1		Segment3		Posting Type		Account Category Number	
All		All		Profit and Loss		All	

Year	2016		2017											
Main Account Segment	12	Total	1	2	3	4	5	6	7	8	9	10	11	12
1103														
4100		-4,136.55			-539.55	-8,792.14				-5,755.50				
4110		-358,790.65	-59,296.10	-24,308.85	-174,911.25	-221,397.80								
4111														
4112														
4114														
4115														
4116														
4117														
4120														
4122														
4130														
4132														
4140		-803.86			-419.40									
4141														
4142														
4180														
4183														
4190														
Total	57.29	32,560.41	240,476.73	40,981.00	20,168.44	-46,712.57	-79,080.77	34,508.51	70,992.23	32,700.48	31,397.90	33,489.19	32,776.70	32,895.47

Can I drilldown into account balances to investigate underlying periods?

Can I filter activity by cost center?

Can I use Account Categories instead of Accounts?

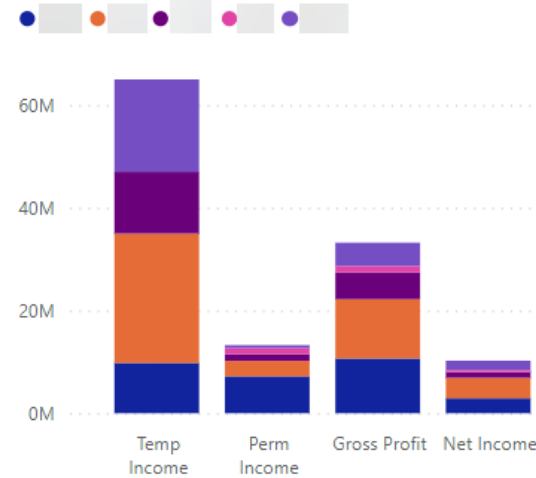
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## Company Comparison

Description	KI	AI	G	S	FT	Total
Temp Income	443	460	147	0	50	099
Perm Income	972	907	970	0	318	957
Conversion Income	462	528	776		504	470
Other Income	766	751	042	9	372	031
Total Income	110	245	851	9	500	495
COS	189	054	091		427	762
Gross Profit	920	191	760	9	173	732
SG&A	244	360	732	6	365	706
Office Wages	134	175	186	8	573	786
Commissions & Bonus	563	377	307	8	580	864
Internal Burden	914	294	201	0	496	866
Other Income and Expenses	232	377	314	6	386	806
Member Expenses	894	394	894		550	332
Net Income	939	513	126	9	323	371

Temp and Perm by Company



Company

Calendar Year

Month Name

Status

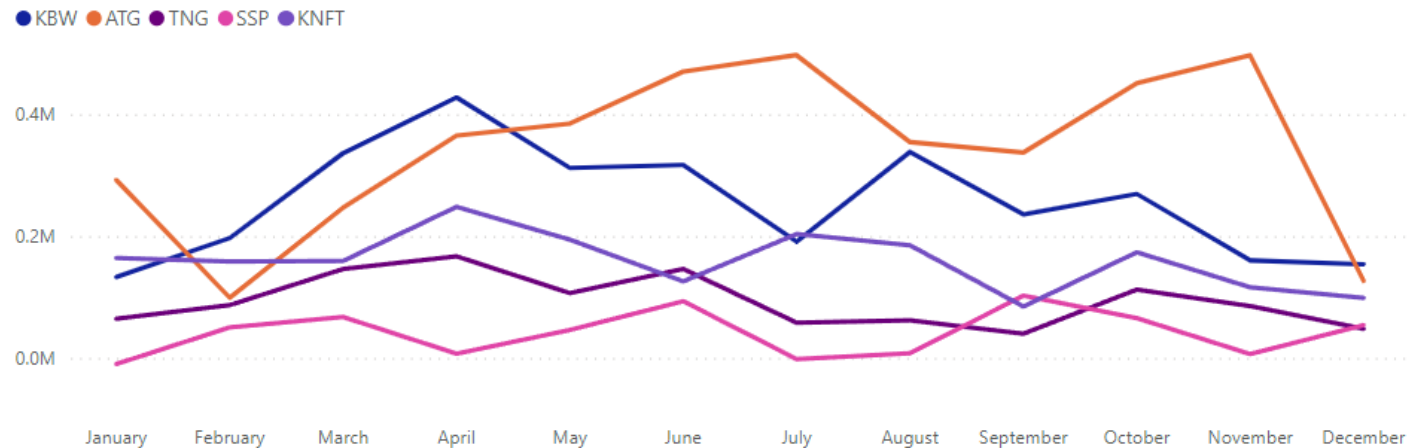
Can we get a financial statement in Power BI?

What about multi-company and consolidation?

Can we filter by cost center?

8M	%
Temp GM	Temp GM %
4M	7%
Perm GM	Perm GM %
2M	4%
Gross Margin	Total GM %

Net Income Trend



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# #5 GP Payroll & HR

## Data Sources:

**Fields** >>

- > Accounts
- > Addresses
- > BenefitCodeSetup
- > Benefits
- > DedSeq
- > DeductionCodeSetup
- > Deductions
- > Departments
- > DirectDeposit
- > Employees
- > PayCodes
- > PayCodeSetup
- > PayrollPostingAccounts
- > PayrollTransactions
- > Positions
- > PostDatedPay

Payroll  
Posting  
Accounts

Employee  
Analyzer

Pending  
Timesheets

Pending  
Amounts

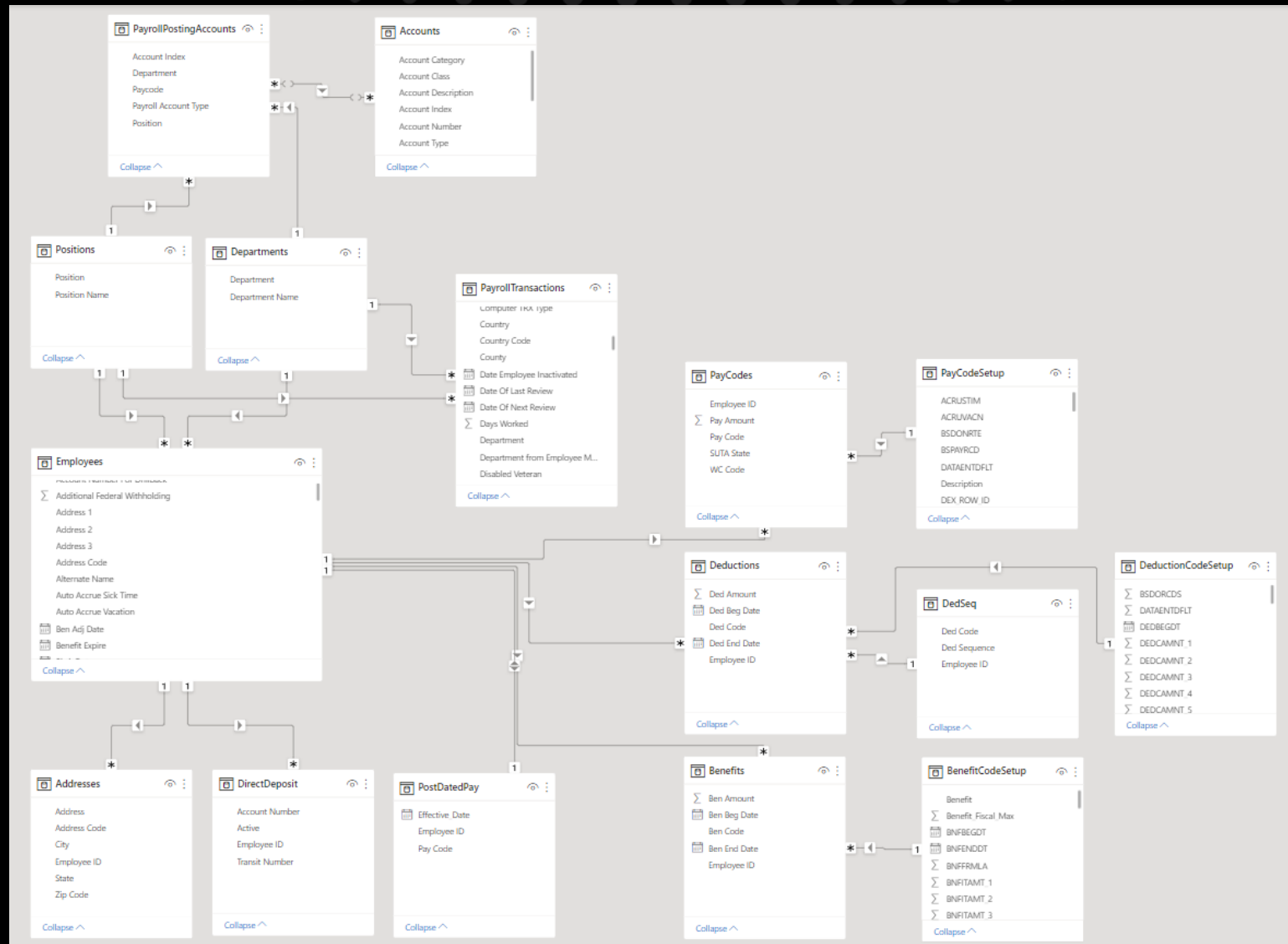
Pending  
Hours

Employee  
360

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LIVE** by Doug



# Payroll Analyzer Data Model:



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# Dynamics GP Payroll - Payroll Posting Accounts Analyzer

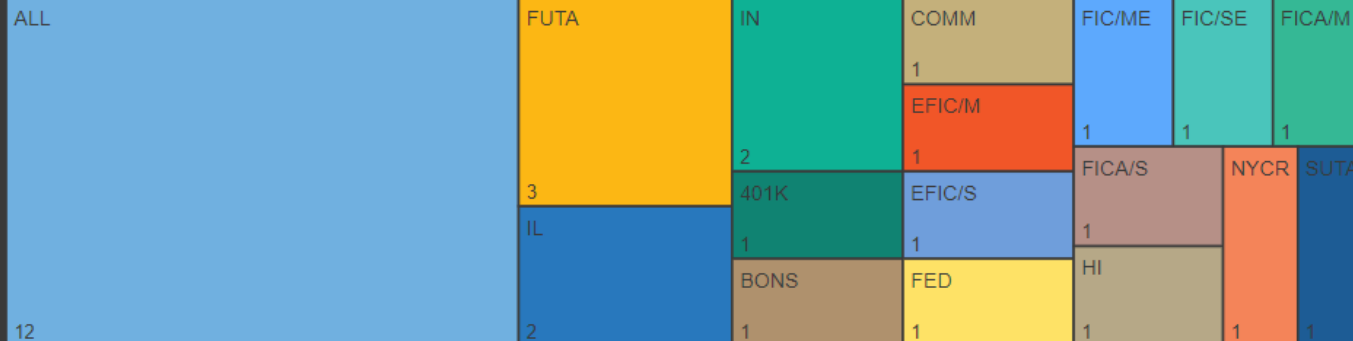
PAYROLL ACCOUNT TYPE SLICER

- Select all
- Benefits Expense (DR)
- Benefits Payable (CR)
- Deduction Withholding (CR)
- Employer's Tax Expense (DR)
- Federal Tax Withholding (CR)
- FUTA Payable (CR)
- Gross Pay (DR)
- Local Tax Withholding (CR)
- State Tax Withholding (CR)
- SUTA Payable (CR)
- Taxable Benefits Expense (DR)
- Taxable Benefits Payable (CR)
- W/Comp Tax Expense (DR)
- W/Comp Tax Payable (CR)

PAY CODE SLICER

All

Codes



## Payroll Posting Accounts

Account Number	Segment1	Segment2	Segment3	Account Description	Active	Posting Type	Account Class	Typical Balance	Account Category	Account Index
000-2060-00	000	2060	00	State Taxes Payable - Other	Yes	Balance Sheet	Liabilities	Credit	Taxes Payable	528
000-2150-00	000	2150	00	Taxable Benefits Payable	Yes	Balance Sheet	Liabilities	Credit	Accounts Payable	42
000-2161-00	000	2161	00	IL State Withholding Payable	Yes	Balance Sheet	Liabilities	Credit	Taxes Payable	43
000-2163-00	000	2163	00	IN State Withholding Payable	Yes	Balance Sheet	Liabilities	Credit	Taxes Payable	45
000-2166-00	000	2166	00	Bloomington City Withholding Tax Payable	Yes	Balance Sheet	Liabilities	Credit	Taxes Payable	48
000-2170-00	000	2170	00	Federal Withholding Payable	Yes	Balance Sheet	Liabilities	Credit	Taxes Payable	49

Gross Pay	Tax Expense	WC Tax Expense	Fed Tax WH	State Tax WH	FUTA Payable	SUTA Payable	Benefits Payable
3	4	2	5	3	1	3	1
Taxable Ben Exp	Benefits Expense	Deduction WH	Local Tax WH	Taxable Ben Pay	WC Tax Payable		
1	2	1	2	1	1		

What GL accounts go with which pay codes?

What GL accounts are we using for each State's Taxes Payable?

Are we using any incorrect accounts?





## Dynamics GP Payroll - Pending Timesheets

Number of Batches	Number of Transactions	Number of Employees	Negative Hours	Negative People
3	24	19	-8.00	1
Hourly TS 0 to 32	Hourly TS 32 to 40	Hourly TS EXACTLY 40	Hourly TS GREATER than 40	Hourly TS EXACTLY 0
3	1	1	1	1
Hourly EE 0 to 32	Hourly EE 32 to 40	Hourly EE EXACTLY 40	Hourly EE GREATER than 40	Hourly EE EXACTLY 0
3	1	1	1	1
Vacation Hours	Sick Hours	Overtime Hours	Doubletime Hours	Shift Differential Hours
44.00	32.00	24.00	(Blank)	(Blank)
Vacation Employees	Sick People	Overtime Employees	Doubletime Employees	Shift Differential Employees Employees
1	1	1	(Blank)	(Blank)

How does my timesheet data break down?

Do we have bad or unexpected data from a timesheet import?

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# Dynamics GP Payroll - Employee 360

Ackerman

Addresses					Start Date	Benefit Adj Date	Direct Deposit			
Address Code	Address	City	State	Zip Code	08/03/2013	08/03/2013	Employee ID	Account Number	Transit Number	Active
WORK	4567 Main Street	Buffalo	NY	61707	Term Date	Birth Date	ACKE0001	12345	123456780	YES
PRIMARY	987 Willow Ave	Winnetka	IL	98272						
					01/01/1900	11/24/1988				

## Payroll Info

Pay Codes				Deductions				Benefits			
Pay Code	Pay Amount	SUTA State	WC Code	Ded Code	Ded Amount	Ded Beg Date	Ded End Date	Ben Code	Ben Amount	Ben Beg Date	Ben End Date
BONS	0.00	IL	ILWC01	401K	0.00	09/01/2014	01/01/1900	401K	0.00	09/01/2014	01/01/1900
HOLI	0.00	IL	ILWC01	EPU	0.00	08/03/2013	01/01/1900	INS	49.36	02/15/2013	01/01/1900
SALY	22,500.00	IL	ILWC01	INS2	72.95	02/15/2013	01/01/1900				
				MED	20.00	02/15/2013	01/01/1900				

Post-Dated Pay Codes		Deduction Sequence		Direct Deposit		
Pay Code	Effective_Date	Ded Code	Sum of Ded Sequence	Transit Number	Account Number	Active
				123456780	12345	YES

## Tax Info

Federal Tax		State Tax	Local Tax
Federal Filing Status	Federal Exemptions	State Code	Local Tax
MAR	1	IL	

What Deductions does the employee have?

What is their rate of pay?

Did they sign up for Direct Deposit?

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# #6 GP Sales & Receivables

## Data Sources:

New & Modified  
Customers &  
Addresses

National Accounts

Sales  
Transactions

Customer  
Financial

Process Holds

Salesperson &  
Territory

Customer/Vendor

RM Aging Report

RM Historical  
Aged Trial  
Balance

### Fields

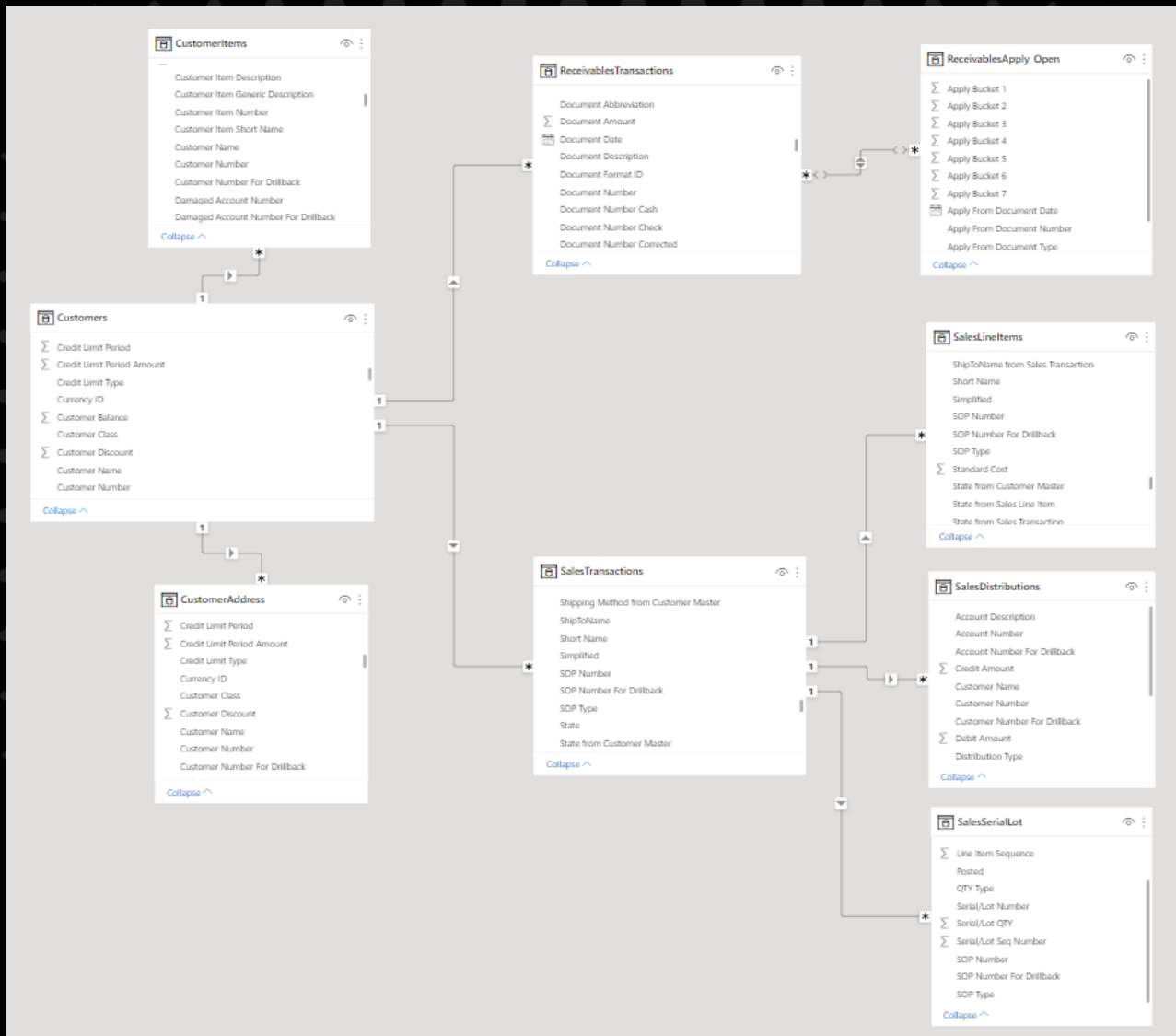
Search

- > AccountSummary
- > CustomerAddress
- > CustomerItems
- > Customers
- > ReceivablesApply\_Open
- > ReceivablesTransactions
- > SalesDistributions
- > SalesLineItems
- > SalesSerialLot
- > SalesTransactions

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## Sales & Receivables Data Model:



**Could also add in:**

- SOP-MOP
- SOP-POP
- Project Accounting
- Field Service
- Invoicing





# Dynamics GP - National Accounts

Corporate Customer Number

ASSOCIAT0001

Customer Number	Customer Name	Salesperson ID	Sales Territory	State
ASSOCIAT0001	Associated Insurance Company	NANCY B.	TERRITORY 3	NE
ASTORSUI0001	Astor Suites	GREG E.	TERRITORY 2	IN

Zip



Customer Number	Customer Name	Customer Balance	Aging Bucket1	Aging Bucket2	Aging Bucket3	Aging Bucket4	Average Days To Pay - Year	Average Days to Pay - LYR	Credit Limit Amount
ASSOCIAT0001	Associated Insurance Company	1,093.04	695.40	0.00	0.00	0.00	122	0	20,000.00
ASTORSUI0001	Astor Suites	1,405.87	1,405.87	0.00	0.00	0.00	79	0	40,000.00
<b>Total</b>		<b>2,498.91</b>	<b>2,101.27</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>201</b>	<b>0</b>	<b>60,000.00</b>

Where are my National Account Customers?

Who is their Account Rep?

How much does each of their entities or branches owe us?

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# Dynamics GP - Recent Sales Transactions by Item and Customer

Invoice Date

Last

10

Years

Customer Name

All

Item Number

All

8/1/2012 - 7/31/2022

## Sales by Item by Customer

Item Number	Aaron Fitz Electrical	Adam Park Resort	Advanced Paper Co.	Advanced Tech Satellite System	Alton Manufacturing	American Science Museum	Associa^
100XLG	1,139.05	599.50					
128 SDRAM							
1-A3261A	33,800.00						
24X IDE							
256 SDRAM	229.95						
32 SDRAM							
32X IDE							
333PROC		479.90					
3-A2969A							
3-A2990A	0.00						
3-B3813A		240.00					
3-C2924A		418.50					
<b>Total</b>	<b>64,055.90</b>	<b>5,480.75</b>	<b>924.35</b>	<b>4,967.28</b>	<b>750.00</b>	<b>6,778.90</b>	

What's being  
Sold?

Who's buying  
What?

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**LIVE**



# Dynamics GP - RM Aging Summary and Detail Report

Customer Name	Last Payment Terms ID	Customer Balance	Current Trx Amount	Aging Bucket1	Aging Bucket2	Aging Bucket3	Aging Bucket4
Vision Inc.	Net 30	133,895.30	80,947.65	133,895.30	0.00	0.00	
Contoso, Ltd.	Net 30	2,744,280.08	80,714.12	2,327,220.10	0.00	0.00	
Office Design Systems Ltd	Net 30	611,838.24	76,479.78	479,285.20	0.00	0.00	
Alton Manufacturing	2% 10/Net 30	551,640.00	68,955.00	0.00	0.00	0.00	
Vancouver Resort Hotels	Net 30	2,445,913.22	59,656.42	0.00	0.00	0.00	
Berry Medical Center	Net 30	304,782.60	50,797.10	0.00	0.00	0.00	
Unified Wire and Cable Systems	Net 30	26,967.57	48,844.43	-56,163.57	0.00	0.00	
Johnson, Kimberly	Net 30	237,104.50	47,420.90	0.00	0.00	0.00	
Reynolds State College	Net 30	178,237.56	47,404.02	-51,292.44	0.00	0.00	
Humongous Insurance	2% 10/Net 30	235,005.35	47,001.07	0.00	0.00	0.00	
World Enterprises	Net 30	422,091.18	46,899.02	0.00	0.00	0.00	
Place One Suites	Net 30	542,162.66	41,704.82	0.00	0.00	0.00	4,
Rainbow Research	Net 30	324,544.56	40,568.07	0.00	0.00	0.00	
Getaway Inn	Net 30	199,750.00	39,950.00	0.00	0.00	0.00	
Central Illinois Hospital	Net 30	384,123.10	38,412.31	0.00	0.00	0.00	
Downtown Hotel	Net 30	329,704.47	36,717.01	-374.31	0.00	0.00	
Blue Yonder Airlines	Net 30	1,099,393.50	36,646.45	0.00	0.00	0.00	
Mendota University	2% 10/Net 30	217,473.54	36,625.49	-1,139.70	0.00	0.00	
Riverside University	Net 30	292,440.80	36,555.10	0.00	0.00	0.00	
Hampton Village Eatery	Net 30	469,751.62	36,134.74	0.00	0.00	0.00	
Mid-City Hospital	Net 30	173,292.20	34,658.44	0.00	0.00	0.00	
Mahler State University	Net 30	1,028,679.00	34,289.30	0.00	0.00	297.00	
Metropolitan Fiber Systems	Net 30	1,262,600.82	32,374.38	255,498.75	0.00	0.00	
<b>Total</b>	<b>Net 30</b>	<b>29,136,715.13</b>	<b>2,109,863.79</b>	<b>3,860,674.97</b>	<b>0.00</b>	<b>297.00</b>	<b>4,4v</b>

Who owes us?

How much do they owe?

How old is it?





# #7 GP Payables & Purchasing

New & Modified  
Vendors &  
Addresses

Vendor Banking

Vendor 1099  
Detail

Vendor Analysis

Payables  
Transactions

Open Vendor  
Payables

Purchase  
Orders

Received/Not  
Invoiced

Purchase Price  
Variance

Historical Aged  
Trial Balance

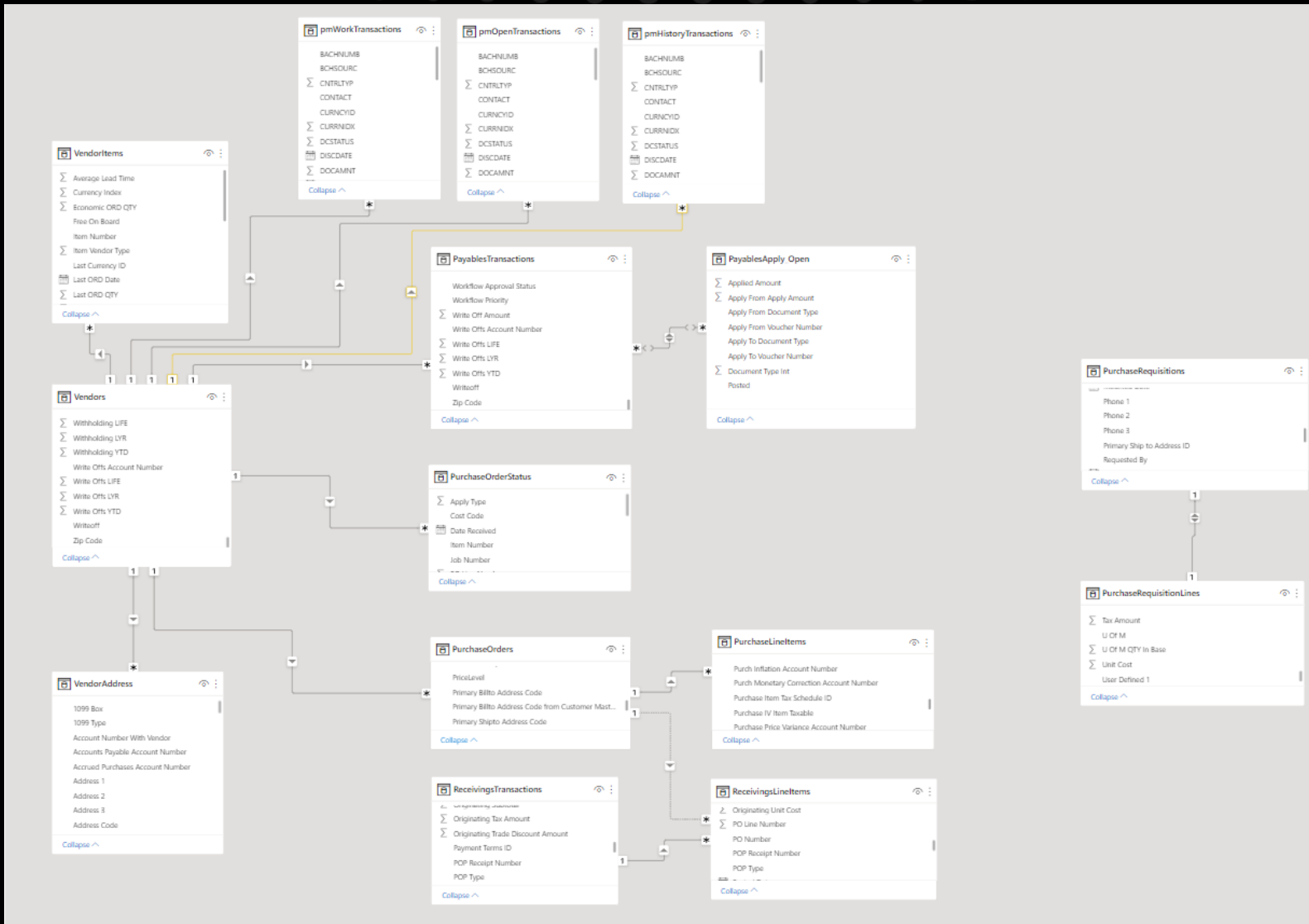
## Data Sources:

- > AccountSummary
- > PayablesApply\_Open
- > PayablesTransactions
- > pmHistoryTransactions
- > pmOpenTransactions
- > pmWorkTransactions
- > PurchaseLineItems
- > PurchaseOrders
- > PurchaseOrderStatus
- > PurchaseRequisitionLines
- > PurchaseRequisitions
- > ReceivingsLineItems
- > ReceivingsTransactions
- > SY06000VendorEFTBank
- > VendorAddress
- > VendorItems
- > Vendors

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# Payables & Purchasing Data Model:



**DYNAMICS**  
**LIVE**  
POUG



# Dynamics GP - New and Modified Vendors and Addresses

Vendor ID	Created Date	Vendor Name	Vendor Class ID
ZZ	9/15/2014	ZZ	
ACETRAVE0001	1/1/1980	A Travel Company	AUS-NSW-M
ADVANCED0001	1/1/1980	Advanced Office Systems	USA-US-M
ALLENSON0001	1/1/1980	Allenson Properties	USA-US-M
AMERICAN0001	1/1/1980	AmericaCharge	USA-US-M
ASSOCIAT0001	1/1/1980	Associated Insurance Inc.	USA-US-M
ATTRACTI00001	1/1/1980	Attractive Telephone Co.	USA-US-I
AUSTRALIA	1/1/1980	AUSTRALIA	
AUTOFINA0001	1/1/1980	Auto Financing	USA-US-M
BEAUMONT0001	1/1/1980	Beaumont Construction	USA-US-M

Address Code	Created Date	Vendor ID	Payment Terms ID	Shipping Method
PRIMARY	1/1/1980	ACETRAVE0001	Net 30	OVERNIGHT
PRIMARY	1/1/1980	ADVANCED0001	Net 30	DROP SHIP
PRIMARY	1/1/1980	ALLENSON0001	Net 30	
PRIMARY	1/1/1980	AMERICAN0001	Net 30	
PRIMARY	1/1/1980	ASSOCIAT0001	Net 30	
PRIMARY	1/1/1980	ATTRACTI00001	Net 30	LOCAL DELIVERY
PRIMARY	1/1/1980	AUTOFINA0001	Net 30	MAIL
PRIMARY	1/1/1980	BEAUMONT0001	Net 30	
PRIMARY	1/1/1980	BERGERON0001	Net 30	MAIL
PRIMARY	1/1/1980	BLOOMING0001	Net 30	

Vendor ID	Modified Date	Vendor Name	Vendor Class ID
WOODGROV0001	8/30/2020	Woodgrove Bank	USA-US-M
ZZ	8/30/2020	ZZ	
REVENUEC0001	10/13/2015	Revenue Canada	CAN-ALL-M
REVENUEC0002	10/13/2015	Revenue Canada	CAN-ALL-M
ACETRAVE0001	1/30/2014	A Travel Company	AUS-NSW-M
ADVANCED0001	1/30/2014	Advanced Office Systems	USA-US-M
ALLENSON0001	1/30/2014	Allenson Properties	USA-US-M
AMERICAN0001	1/30/2014	AmericaCharge	USA-US-M
ASSOCIAT0001	1/30/2014	Associated Insurance Inc.	USA-US-M
ATTRACTI00001	1/30/2014	Attractive Telephone Co.	USA-US-I

Address Code	Modified Date	Vendor ID	Payment Terms ID	Shipping Method
PRIMARY	8/30/2020	WOODGROV0001	Net 30	MAIL
PRIMARY	10/13/2015	REVENUEC0001	Net 30	MAIL
PRIMARY	10/13/2015	REVENUEC0002	Net 30	MAIL
PRIMARY	1/30/2014	ACETRAVE0001	Net 30	OVERNIGHT
PRIMARY	1/30/2014	ADVANCED0001	Net 30	DROP SHIP
PRIMARY	1/30/2014	ALLENSON0001	Net 30	
PRIMARY	1/30/2014	AMERICAN0001	Net 30	
PRIMARY	1/30/2014	ASSOCIAT0001	Net 30	
PRIMARY	1/30/2014	ATTRACTI00001	Net 30	LOCAL DELIVERY
PRIMARY	1/30/2014	AUTOFINA0001	Net 30	MAIL

What's  
New?

What's  
Changed?

**DYNAMICS**  
**LIVE**



## Dynamics GP - Vendor EFT Confirmation

VENDORID	ADRS CODE	BANKNAME	EFTBankAcct	EFTTransitRoutingNo	CURRENCYID	SWIFTADDR	INACTIVE	EFTPrenoteDate	EFTTerminationDate
AARONFIT0001	PRIMARY	Bank of America	11122233345	011000138	Z-US\$		0	1/1/1900	1/1/1900
ACETRAVE0001	REMIT TO	Santander	3335558889	231372691	Z-US\$		0	1/1/1900	1/1/1900
AUSTRALIA	REMIT TO	Credut Suisse	55556666699999		Z-US\$	dfg586	0	1/1/1900	1/1/1900

Does a Vendor have EFT set up?

Is it set up for a particular location?

Vendor ID	Vendor Name	Address Code	Vendor Address Code - Remit To
ADVANCED0001	Advanced Office Systems	PRIMARY	PRIMARY
ADVANCED0001	Advanced Office Systems	WAREHOUSE	PRIMARY
ALLENSON0001	Allenson Properties	PRIMARY	PRIMARY
AMERICAN0001	AmericaCharge	PRIMARY	PRIMARY
ATTRACTI00001	Attractive Telephone Co.	PRIMARY	PRIMARY
ATTRACTI00001	Attractive Telephone Co.	WAREHOUSE	PRIMARY
AUTOFINA0001	Auto Financing	PRIMARY	PRIMARY
DEALMONT0001	Dealmont Properties	PRIMARY	PRIMARY

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**LIVE**

by Doug

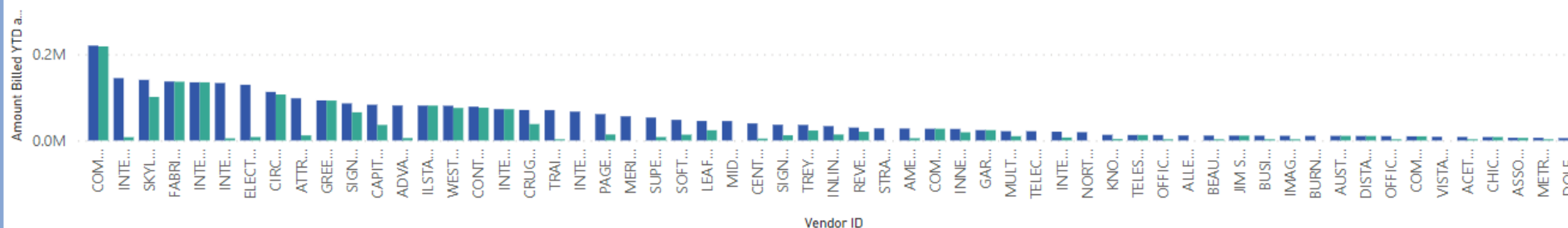


# Dynamics GP - Vendor LTD/YTD Financial Analysis

Unique Vendors												
103	Vendor Name			Vendor Class ID			Payment Priority			Payment Terms ID		
	All			All			All			All		
Vendor Name	Number of Invoices LIFE	Number of Paid Invoices LIFE	Amount Billed LIFE	Amount Paid LIFE	Write Offs LIFE	Returns LIFE	Discount Available LIFE	Discount Taken LIFE	Average Days To Pay - Life	1099 Amount YTD		
A Travel Company	10	1	8,213.27	1,450.00	0.00	0.00	0.00	0.00	0	0.00		
Advanced Office Systems	25	17	81,057.02	5,628.28	0.00	0.00	307.66	0.00	30	0.00		
Allenson Properties	1	0	11,565.76	0.00	0.00	0.00	0.00	0.00	0	0.00		
AmericaCharge	8	7	27,741.84	5,241.84	0.00	0.00	0.00	0.00	21	0.00		
Associated Insurance Inc.	7	3	6,252.72	5,918.79	0.00	0.00	0.00	0.00	20	0.00		
Attractive Telephone Co.	11	6	97,779.60	11,763.19	0.00	0.00	1,045.88	0.00	63	0.00		
AUSTRALIA	1	1	10,645.07	10,645.07	0.00	0.00	0.00	0.00	0	0.00		
Auto Financing	1	1	1,134.37	1,134.37	0.00	0.00	0.00	0.00	0	0.00		
Beaumont Construction	4	1	11,341.45	2,067.00	0.00	0.00	0.00	0.00	0	2,067.00		
Bloomington County	1	1	15.25	15.25	0.00	0.00	0.00	0.00	0	0.00		
Total	419	216	3,052,654.32	1,603,679.19	0.00	0.00	9,162.51	471.25	13801	110,754.90		

Amount Billed YTD and Amount Paid YTD by Vendor ID

● Amount Billed YTD ● Amount Paid YTD



What Vendors am I using?

How much activity have they had?

Do we have favorable terms and are we taking discounts?

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**LIVE**



# Dynamics GP - Open Vendor Payables

VENDNAME

All

Other\_Number

All

DUEDATE

Last

100

Years

7/31/1922 - 7/30/2022

VENDORID	VENDNAME	DOCTYNAM	BACHNUMB	Other_Number	DOCDATE	DUEDATE	DOCAMNT
ACETRAVE0001	A Travel Company	Invoice	BEG BAL	1000	6/26/2013	7/26/2013	657.68
ACETRAVE0001	A Travel Company	Invoice	BEG BAL	1001	7/9/2013	8/8/2013	553.81
ACETRAVE0001	A Travel Company	Invoice	BEG BAL	1002	8/20/2013	9/19/2013	430.72
ACETRAVE0001	A Travel Company	Invoice	BEG BAL	1003	9/17/2013	10/17/2013	796.03
ACETRAVE0001	A Travel Company	Invoice	BEG BAL	1004	10/24/2013	11/23/2013	605.45
ACETRAVE0001	A Travel Company	Invoice	BEG BAL	1005	11/24/2013	12/24/2013	1,906.44
ACETRAVE0001	A Travel Company	Invoice	BEG BAL	1006	12/18/2013	1/17/2014	2,158.75
ACETRAVE0001	A Travel Company	Invoice	JAN-98	11006	1/28/2014	2/27/2014	1,054.39
ACETRAVE0001	A Travel Company	Invoice	TEST	TEST	4/12/2017	5/12/2017	50.00
ADVANCED0001	Advanced Office Systems	Invoice	BEG BAL	8000	10/23/2013	11/22/2013	3,268.64
ADVANCED0001	Advanced Office Systems	Invoice	BEG BAL	8001	11/29/2013	12/29/2013	5,560.34
ADVANCED0001	Advanced Office Systems	Invoice	BEG BAL	8002	12/17/2013	1/16/2014	8,355.22
ADVANCED0001	Advanced Office Systems	Invoice	JAN-98	115000	1/16/2014	2/15/2014	15,736.74
ADVANCED0001	Advanced Office Systems	Invoice	JAN-98	1	1/30/2014	3/1/2014	45,000.00
ADVANCED0001	Advanced Office Systems	Invoice	sa	SD25	8/3/2016	9/2/2016	142.30
ADVANCED0001	Advanced Office Systems	Invoice	sa	PO2043	1/13/2017	2/12/2017	90.25
ADVANCED0001	Advanced Office Systems	Invoice	sa	PO2045	1/21/2017	2/20/2017	103.79
<b>Total</b>							<b>1,529,981.26</b>

To whom do we owe money?

How much is owed?

When is it due?

**DYNAMICS**  
**LIVE**



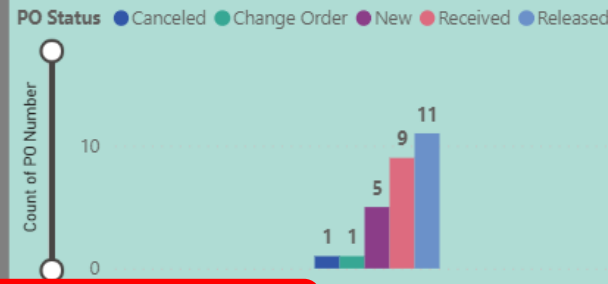
# Dynamics GP - Open Purchase Orders

PO Number	Canceled	Change Order	New	Received	Released	Total
PO0997			90.25			90.25
PO0999				103.79		103.79
PO1000	271.62					271.62
PO1002		1,262.50				1,262.50
PO1004				7,892.15		7,892.15
PO1005				698.45		698.45
PO1006				1,838.00		1,838.00
PO1007				11,944.80		11,944.80
PO1008				10,973.14		10,973.14
PO1009				70,000.00		70,000.00
PO1012				11.96		11.96
PO1013				419.80		419.80
PO1014				0.00		0.00
PO1015				4,395.25		4,395.25
PO1016				22.75		22.75
PO2020				180.50		180.50
PO2046				271.62		271.62
PO2047				620.00		620.00
PO2056				380.48		380.48
<b>Total</b>	<b>271.62</b>	<b>1,262.50</b>	<b>73,850.71</b>	<b>83,359.44</b>	<b>376,793.25</b>	<b>535,537.52</b>

Item Number	Item Description	Promised Date	QTY Ordered	QTY Invoiced	QTY Matched	PO Line Status	Canceled Subtotal	Unit Cost	Extended Cost	Contact Person
100XLG	Green Phone	4/12/2017	2,401.00			New	0.00	398.44	68,332.46	
ACCS-CRD-12WH	Phone Cord - 12' White	4/1/2014	6.00			Canceled	271.62	3.29	19.74	
ACCS-CRD-12WH	Phone Cord - 12' White	1/19/2017	6.00	6.00	6.00	Closed	0.00	3.29	19.74	
ACCS-CRD-12WH	Phone Cord - 12' White	4/12/2017	24,000.00			New	0.00	42.77	78,960.00	Bob Fitz
ACCS-CRD-12WH	Phone Cord - 12' White	4/10/2014	1.00	1.00	1.00	Received	0.00	3.29	3.29	
ACCS-CRD-25BK	Phone Cord - 25' Black	4/1/2014	20.00	20.00	20.00	Closed	0.00	5.98	119.60	
ACCS-CRD-25BK	Phone Cord - 25' Black	4/11/2017	10.00	10.00	10.00	Closed	0.00	5.98	59.80	
<b>Total</b>			<b>30,896.00</b>	<b>1,224.00</b>	<b>608.00</b>		<b>543.24</b>	<b>61,403.66</b>	<b>1,609,169.52</b>	

Count of PO Number by PO Status



Vendor Name

All

Item Number

All

Vendor Name

Shipping Method

Document Date

Required Date

Document Status

Year

A Travel Company	LOCAL DELIVERY	4/1/2017	4/12/2017	Open	2017
A Travel Company	OVERNIGHT	4/1/2017	4/12/2017	Open	2017
A Travel Company	OVERNIGHT	4/12/2017	4/12/2017	Open	2017
Advanced Office Systems		4/12/2017	4/12/2017	Open	2017
Advanced Office Systems	DROP SHIP	4/10/2014	4/10/2014	Open	2014
Advanced Office Systems	DROP SHIP	4/12/2014	4/10/2014	Open	2014
Allenson Properties		4/12/2017	4/12/2017	Open	2017
AmericaCharge		1/19/2017	1/19/2017	Open	2017

What's the status of a PO or its line items?

Do we have any on-order?

Who are we ordering from?

When is it expected?

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# Dynamics GP - Vendor 1099 Setup, Summary and Detail

## 1099 Vendors

Vendor Name	1099 Type	1099 Box	1099 Amount YTD	1099 Amount LYR	Tax ID Number	Tax Registration Number
Beaumont Construction		1	2,067.00	0.00	169876654	
Bergeron Communications Sol.		1	0.00	0.00		R235877923
Comnet Enterprises, Inc		1	22,800.10	0.00	548-365-557	
Computer Training Systems		1	9,395.00	0.00	520388001	
Dolecki Catering		1	1,053.18	0.00		305-4832-1
G & K Cleaning		1	2,365.99	0.00		293504928
Gardner Services		1	24,000.00	0.00	897-615-833	
Inline Service Systems		1	13,125.70	0.00		871-005-97
International TeleCom Assoc.		1	7,531.39	0.00		R454652110
International Telephone		1	6,615.58	0.00		218-994-60
Multinational Communications		1	10,000.00	0.00		520-900-08
<b>Total</b>			<b>110,754.90</b>	<b>0.00</b>		

## Vendor 1099 Transactions

Vendor Name	1099 Type	1099 Box	Document Number	Document Date	Document Amount	1099 Amount
			A1027	1/9/2014	5,000.00	0.00
			A1029	1/20/2014	89.50	0.00
			A1031	1/30/2014	10,500.00	0.00
			A1031.1	1/30/2014	10,500.00	0.00
Beaumont Construction		1	10501	1/31/2014	1,567.00	0.00
Beaumont Construction		1	13000000	1/20/2014	6,828.57	6,828.57
<b>Total</b>					<b>533,437.86</b>	<b>348,352.66</b>

Do we have the tax info for all of our 1099 vendors?

When did they have 1099 activity with us?

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# Dynamics GP - Received / Not Invoiced PO Line Items

<b>Vendor Name</b> ▼	<b>PO Number</b>	<b>Item Number</b> ▼
Advanced Office Systems ▼	All ▼	All ▼

## Received Not Invoiced PO Line Items

Vendor Name	Item Description	Item Number	PO Line Status	QTY Invoiced	QTY Matched	Extended Cost
Advanced Office Systems	Phone Cord - 12' White	ACCS-CRD-12WH	Received	1.00	1.00	3.29
Advanced Office Systems	Panache KX-T1450 answer	ANSW-PAN-1450	Received	2.00	2.00	100.50
Advanced Office Systems	Lots of boxes	APPLIANCES	New	100.00	0.00	50,000.00
Advanced Office Systems	Lots of boxes	APPLIANCES	Released			500,000.00
Advanced Office Systems	Lots of boxes - September	APPLIANCES	Released	500.00	0.00	250,000.00
Advanced Office Systems	Cordless-Attractive 5352-Black	PHON-ATT-53BK	New			90.25
<b>Total</b>				<b>603.00</b>	<b>3.00</b>	<b>800,194.04</b>

What's the status of my item?

Have we received it?

Has it been billed yet?

How much was it?

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# #8 GP Inventory & Manufacturing

## Data Sources:

Kits/BOMS/Assemblies

Item Vendor

Item Quantity Status

Item/Site Status

Landed Cost

Inventory Transactions

Purchase Receipts

Item Pricing

Serial/Lot Tracking

### Fields

Search

- > BM00101-BOM Header
- > BM00111-BOM Component
- > BM10200-Assembly Transaction
- > BM10300-Assembly Components
- > BM30100-AssemblyBatchHistory
- > BM30200-AssemblyTransactionHistory
- > BM30300-AssemblyComponentHistory
- > InventoryPurchaseReceipts
- > InventorySalesSummaryPeriod\_History
- > InventoryTransactions
- > ItemQuantities
- > Items
- > LandedCostGroupID
- > LandedCostID
- > SalesLineItems
- > SalesTransactions

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## Item Quantity Status

Item Number	QTY On Hand	QTY Allocated	QTY Available	QTY Requisitioned	QTY On Order	First Order Policy	Order Up To Level
100XLG	60.00	8.00	52.00	0.00	0.00	Not Planned	0.00
128 SDRAM	103,322.00	22.00	103,300.00	0.00	0.00	Not Planned	0.00
1-A3261A	0.00	12.00	-12.00	0.00	0.00		0.00
1-A3483A	0.00	0.00	0.00	0.00	0.00		0.00
1GPROC	40.00	0.00	40.00	0.00	0.00	Not Planned	0.00
24X IDE	20.00	20.00	0.00	0.00	0.00	Not Planned	0.00
256 SDRAM	20.00	8.00	12.00	0.00	0.00	Not Planned	0.00
2-A3284A	0.00	0.00	0.00	0.00	0.00		0.00
2GPROC	40.00	0.00	40.00	0.00	0.00	Not Planned	0.00
32 SDRAM	20.00	6.00	14.00	0.00	0.00	Not Planned	0.00
32X IDE	20.00	20.00	0.00	0.00	0.00	Not Planned	0.00
333PROC	20.00	16.00	4.00	0.00	0.00	Not Planned	0.00
3-A2440A	0.00	0.00	0.00	0.00	0.00		0.00
3-A2969A	0.00	2.00	-2.00	0.00	0.00		0.00
3-A2990A	-2.00	0.00	-2.00	0.00	0.00		0.00
3-A2998A	0.00	0.00	0.00	0.00	0.00		0.00
3-A3294A	0.00	0.00	0.00	0.00	0.00		0.00
3-A3416A	0.00	0.00	0.00	0.00	0.00		0.00
3-A3542A	22.00	2.00	20.00	0.00	0.00		0.00
3-B3813A	198.00	100.00	98.00	0.00	0.00		0.00
3-B3897A	0.00	0.00	0.00	0.00	0.00		0.00
3-C2786A	0.00	0.00	0.00	0.00	0.00		0.00
3-C2804A	0.00	0.00	0.00	0.00	0.00		0.00
<b>Total</b>	<b>119,544.00</b>	<b>1,159.42</b>	<b>118,384.58</b>	<b>0.00</b>	<b>118.00</b>		<b>900.00</b>

How much do we have on-hand?

How many are On-Order?

How many are Allocated

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## Item Purchase Receipts

Item Number	Purchase Receipt Type	Vendor ID	QTY Received	TRX Location	Unit Cost	Receipt Sold	Receipt Number	Item Type
100XLG	Receipt	ADVANCED0001	11.00	WAREHOUSE	28.46	No	RCT1140	Sales Inventory
128 SDRAM	Receipt	ADVANCED0001	16.00	WAREHOUSE	28.46	No	RCT1144	Sales Inventory
1GPROC	Receipt	ADVANCED0001	11.00	WAREHOUSE	28.46	Yes	RCT1062	Sales Inventory
24X IDE	Receipt	ADVANCED0001	1.00	WAREHOUSE	28.46	Yes	RCT1065	Sales Inventory
256 SDRAM	Receipt	ADVANCED0001	5.00	WAREHOUSE	28.46	Yes	RCT1067	Sales Inventory
2GPROC	Receipt	ADVANCED0001	10.00	WAREHOUSE	28.46	Yes	RCT1069	Sales Inventory
32 SDRAM	Receipt	ADVANCED0001	3.00	WAREHOUSE	28.46	Yes	RCT1073	Sales Inventory
32X IDE	Receipt	ADVANCED0001	1.00	WAREHOUSE	28.46	Yes	RCT1075	Sales Inventory
333PROC	Receipt	ADVANCED0001	2.00	WAREHOUSE	28.46	Yes	RCT1077	Sales Inventory
3-A2990A	Receipt	ADVANCED0001	5.00	WAREHOUSE	28.46	Yes	RCT1081	Sales Inventory
3-A3542A	Receipt	ADVANCED0001	11.00	WAREHOUSE	28.46	Yes	RCT1148	Sales Inventory
3-B3813A	Receipt	CRUGEREN0001	5.00	WAREHOUSE	28.46	No	RCT1142	Sales Inventory
3-C2924A	Receipt	CRUGEREN0001	5.00	WAREHOUSE	28.46	Yes	RCT1063	Sales Inventory
	Receipt	CRUGEREN0001	1.00	WAREHOUSE	28.46	Yes	RCT1071	Sales Inventory
	Receipt	CRUGEREN0001	1.00	WAREHOUSE	28.46	Yes	RCT1146	Sales Inventory
	Adjustment	INV ADJ	10.00	WAREHOUSE	55.50	Yes	000000000000000030	Sales Inventory
	Adjustment	INV ADJ	10.00	WAREHOUSE	28.46	Yes	000000000000000032	Sales Inventory
Total			108.00		510.86			

How much did that item cost?

From whom did we buy this item?

How much did we buy?





## Item-Site Quantity Analyzer

Item Number	Location Code	QTY On Hand	QTY Allocated	QTY Available	QTY On Order
100X1G	128G	0.00	0.00	0.00	0.00
128 SDRAM	129B	0.00	0.00	0.00	0.00
1-A3261A	129G	0.00	0.00	0.00	0.00
1-A3483A	130B	0.00	0.00	0.00	0.00
1GPROC	130G	0.00	0.00	0.00	0.00
24X IDE	131B	0.00	0.00	0.00	0.00
256 SDRAM	131G	0.00	0.00	0.00	0.00
2-A3284A	132B	0.00	0.00	0.00	0.00
2GPROC	132G	0.00	0.00	0.00	0.00
32 SDRAM	D-100	0.00	0.00	0.00	0.00
32X IDE	D-200	0.00	0.00	0.00	0.00
333PROC	D-300	0.00	0.00	0.00	0.00
3-A2440A	DEPOT	0.00	0.00	0.00	0.00
3-A2969A	I/O	0.00	0.00	0.00	0.00
3-A2990A	NORTH	51,651.00	0.00	51,651.00	0.00
3-A2998A	RETURNS	0.00	0.00	0.00	0.00
3-A3294A	SOUTH	0.00	0.00	0.00	0.00
3-A3416A	VENDOR	0.00	0.00	0.00	0.00
3-A3542A	WAREHOUSE	10.00	11.00	-1.00	0.00
3-B3813A	WC1	0.00	0.00	0.00	0.00
3-B3897A	WC2	0.00	0.00	0.00	0.00
3-C2786A	WC3	0.00	0.00	0.00	0.00
2-C2801A	<b>Total</b>	<b>103,322.00</b>	<b>22.00</b>	<b>103,300.00</b>	<b>0.00</b>

Where do we have stock for this item?

How many quantities are there across all locations?

How many quantities are on-order and for which location?

Do we have negative quantities anywhere?

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# #9 GP What's New

# Feature Analyzer

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## Github References

The screenshot shows the Dynamics GP application interface. The top menu bar includes File, Home, Tools, Modeling, View, Help, System, and Data / O&B. The main window title is "Dynamics GP - GitHub References". The interface is divided into three main sections: a left sidebar with a "Module" list, a central "Topic" list, and a right pane displaying "GitHub Link" details. A large blue arrow is overlaid on the screen, pointing from the "GitHub Link" column in the right pane towards the "GitHub" button located in the bottom left corner of the application window. The bottom status bar shows "Page 1 of 1", "Refresh", "Train/Refresh", and "Auto Close".

<https://www.gravoc.com/gp-whats-new/>



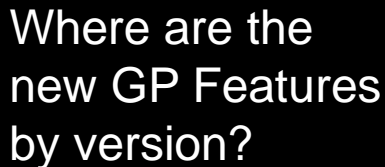
## GP What's New

Power BI dashboard designed to showcase Dynamics GP versions, enhancements, & features. Get your **free** copy today!





1



# What modules have updates?

Who doesn't love  
a good word  
cloud?





## Dynamics GP - GitHub References

Module	Topic	GitHub Link
AA	Business Analyzer	n/a
Bank Rec	Compatibility	<a href="https://docs.microsoft.com/en-us/dynamics-gp/whats-new/bulk-edit-smartlist-columns">https://docs.microsoft.com/en-us/dynamics-gp/whats-new/bulk-edit-smartlist-columns</a>
Company	Control Enhancement	<a href="https://docs.microsoft.com/en-us/dynamics-gp/whats-new/version-2015#analytical-accounting-transaction-lists">https://docs.microsoft.com/en-us/dynamics-gp/whats-new/version-2015#analytical-accounting-transaction-lists</a>
Deployment	DocAttach	<a href="https://docs.microsoft.com/en-us/dynamics-gp/whats-new/version-2015#automatically-deposit-cash-receipts">https://docs.microsoft.com/en-us/dynamics-gp/whats-new/version-2015#automatically-deposit-cash-receipts</a>
DocAttach	EFT	<a href="https://docs.microsoft.com/en-us/dynamics-gp/whats-new/version-2015#combine-general-ledger-inquiry">https://docs.microsoft.com/en-us/dynamics-gp/whats-new/version-2015#combine-general-ledger-inquiry</a>
Fixed Assets	Email	<a href="https://docs.microsoft.com/en-us/dynamics-gp/whats-new/version-2015#date-effective-tax-rates">https://docs.microsoft.com/en-us/dynamics-gp/whats-new/version-2015#date-effective-tax-rates</a>
General Ledger	Enhanced Control	<a href="https://docs.microsoft.com/en-us/dynamics-gp/whats-new/version-2015#default-smartlist-visibility">https://docs.microsoft.com/en-us/dynamics-gp/whats-new/version-2015#default-smartlist-visibility</a>
Human Resources	Enhanced Reporting	<a href="https://docs.microsoft.com/en-us/dynamics-gp/whats-new/version-2015#display-debits-before-credits">https://docs.microsoft.com/en-us/dynamics-gp/whats-new/version-2015#display-debits-before-credits</a>
Integration	Enhanced Window	<a href="https://docs.microsoft.com/en-us/dynamics-gp/whats-new/version-2015#employee-self-service--w2">https://docs.microsoft.com/en-us/dynamics-gp/whats-new/version-2015#employee-self-service--w2</a>
Intelligent Edge	Installation	<a href="https://docs.microsoft.com/en-us/dynamics-gp/whats-new/version-2015#enable-email-on-all-purchase-orders-and-sales-orders">https://docs.microsoft.com/en-us/dynamics-gp/whats-new/version-2015#enable-email-on-all-purchase-orders-and-sales-orders</a>
Intercompany	MR	<a href="https://docs.microsoft.com/en-us/dynamics-gp/whats-new/version-2015#historical-received-not-invoiced-report">https://docs.microsoft.com/en-us/dynamics-gp/whats-new/version-2015#historical-received-not-invoiced-report</a>
Interface	New Action	<a href="https://docs.microsoft.com/en-us/dynamics-gp/whats-new/version-2015#mask-employee-social-security-number-on-reports">https://docs.microsoft.com/en-us/dynamics-gp/whats-new/version-2015#mask-employee-social-security-number-on-reports</a>
Inventory	New Field	<a href="https://docs.microsoft.com/en-us/dynamics-gp/whats-new/version-2015#purchasing-all-in-one-view">https://docs.microsoft.com/en-us/dynamics-gp/whats-new/version-2015#purchasing-all-in-one-view</a>
Navigation List	New Function	<a href="https://docs.microsoft.com/en-us/dynamics-gp/whats-new/version-2015#sales-visual-customer-over-credit-limit-function">https://docs.microsoft.com/en-us/dynamics-gp/whats-new/version-2015#sales-visual-customer-over-credit-limit-function</a>
Payables	New Posting Option	<a href="https://docs.microsoft.com/en-us/dynamics-gp/whats-new/version-2015#scriptable-provisioning--management">https://docs.microsoft.com/en-us/dynamics-gp/whats-new/version-2015#scriptable-provisioning--management</a>
Payables Receivables Bank Rec Sales	New Report	<a href="https://docs.microsoft.com/en-us/dynamics-gp/whats-new/version-2015#self-service-user-type">https://docs.microsoft.com/en-us/dynamics-gp/whats-new/version-2015#self-service-user-type</a>
Payables Receivables Inventory	New Routine	<a href="https://docs.microsoft.com/en-us/dynamics-gp/whats-new/version-2015#service-based-architecture">https://docs.microsoft.com/en-us/dynamics-gp/whats-new/version-2015#service-based-architecture</a>
Payroll	New Smartlist	<a href="https://docs.microsoft.com/en-us/dynamics-gp/whats-new/version-2015#time-management-app">https://docs.microsoft.com/en-us/dynamics-gp/whats-new/version-2015#time-management-app</a>
Posting	New Visual	<a href="https://docs.microsoft.com/en-us/dynamics-gp/whats-new/version-2015#vat-tax-routine">https://docs.microsoft.com/en-us/dynamics-gp/whats-new/version-2015#vat-tax-routine</a>
Project Accounting	New Window	<a href="https://docs.microsoft.com/en-us/dynamics-gp/whats-new/version-2015#workflow--document-attachment">https://docs.microsoft.com/en-us/dynamics-gp/whats-new/version-2015#workflow--document-attachment</a>
Purchasing	New Workflow	<a href="https://docs.microsoft.com/en-us/dynamics-gp/whats-new/version-2015#workflow--payables-transaction-approval">https://docs.microsoft.com/en-us/dynamics-gp/whats-new/version-2015#workflow--payables-transaction-approval</a>
Receivables	ODATA	<a href="https://docs.microsoft.com/en-us/dynamics-gp/whats-new/version-2015#workflow-smartlist-designer-create-view-approval">https://docs.microsoft.com/en-us/dynamics-gp/whats-new/version-2015#workflow-smartlist-designer-create-view-approval</a>
Reporting	Payments	<a href="https://docs.microsoft.com/en-us/dynamics-gp/whats-new/version-2016#ability-to-scan-multiple-pages">https://docs.microsoft.com/en-us/dynamics-gp/whats-new/version-2016#ability-to-scan-multiple-pages</a>
Safe Pay	PO Generator	<a href="https://docs.microsoft.com/en-us/dynamics-gp/whats-new/version-2016#add-unit-cost-field-in-pte-employee-expense-window">https://docs.microsoft.com/en-us/dynamics-gp/whats-new/version-2016#add-unit-cost-field-in-pte-employee-expense-window</a>
Sales	Posting Enhancement	<a href="https://docs.microsoft.com/en-us/dynamics-gp/whats-new/version-2016#all-in-one-document-view-for-sales-and-inventory-transactions">https://docs.microsoft.com/en-us/dynamics-gp/whats-new/version-2016#all-in-one-document-view-for-sales-and-inventory-transactions</a>
Security	Power BI	<a href="https://docs.microsoft.com/en-us/dynamics-gp/whats-new/version-2016#analytical-accounting-user-access-settings">https://docs.microsoft.com/en-us/dynamics-gp/whats-new/version-2016#analytical-accounting-user-access-settings</a>
Smartlist	Prepayments	<a href="https://docs.microsoft.com/en-us/dynamics-gp/whats-new/version-2016#budget-import-exception-report">https://docs.microsoft.com/en-us/dynamics-gp/whats-new/version-2016#budget-import-exception-report</a>
SQL Server	Report Enhancement	<a href="https://docs.microsoft.com/en-us/dynamics-gp/whats-new/version-2016#configurable-odata-service-points-added">https://docs.microsoft.com/en-us/dynamics-gp/whats-new/version-2016#configurable-odata-service-points-added</a>
System	Routing Enhancement	<a href="https://docs.microsoft.com/en-us/dynamics-gp/whats-new/version-2016#create-smartlist-from-the-favorite-using-smartlist-designer">https://docs.microsoft.com/en-us/dynamics-gp/whats-new/version-2016#create-smartlist-from-the-favorite-using-smartlist-designer</a>
VAT	SBA	<a href="https://docs.microsoft.com/en-us/dynamics-gp/whats-new/version-2016#deposit-cash-receipts-batches-automatically">https://docs.microsoft.com/en-us/dynamics-gp/whats-new/version-2016#deposit-cash-receipts-batches-automatically</a>
Web Client	Smartlists	<a href="https://docs.microsoft.com/en-us/dynamics-gp/whats-new/version-2016#edit-attachments-that-flow-to-transactions">https://docs.microsoft.com/en-us/dynamics-gp/whats-new/version-2016#edit-attachments-that-flow-to-transactions</a>
Word Templates	Tax Enhancement	<a href="https://docs.microsoft.com/en-us/dynamics-gp/whats-new/version-2016#enhanced-payroll-posting-accounts-setup">https://docs.microsoft.com/en-us/dynamics-gp/whats-new/version-2016#enhanced-payroll-posting-accounts-setup</a>
Workflow	User Experience	<a href="https://docs.microsoft.com/en-us/dynamics-gp/whats-new/version-2016#export-numbers-to-excel-formatted-as-numbers">https://docs.microsoft.com/en-us/dynamics-gp/whats-new/version-2016#export-numbers-to-excel-formatted-as-numbers</a>

What changed in Inventory?

How many new workflows are there in the newer versions?

Where can I read more about specific new GP features?





## Dynamics GP - What's New Feature Analyzer

[illegible]

## What new features apply to which version?

# What Windows have changes?

Are there any new fields or reports?

# How do I navigate to the window or report?



# THANK YOU DynamicsCon LIVE!!!!



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## TIME FOR Q&A!

<https://www.gravoc.com/power-bi-solutions/>

