Comparison of Recent Dynamics GP Versions

	Dynamics GP 2013	Dynamics GP 2013 R2	Dynamics GP 2015	Dynamics GP 2015 R2	Dynamics GP 2016	Dynamics GP 2016 R2
System	• **Document Attach 2.0:** • Document Flow • Status Tracking • Delete Password • Attachment Properties • Attachment Email • Delete Utility	**Requisition:** • Order items and goods • Combine requisitions to a single PO **Workflow:** • 4 Approval Workflows Added: Purchase Order, • Requisition, Project Time and Time and Attendance **Web Client:** • Self Service Home Page • Time & Attendance • Project Time Requisitions, Workflow • Identity Management **SmartList Designer:** • Create New Go To • Integrate with Existing Go To options **Offline Capabilities:** • Limit company access for maintenance • Assign user with access • Message users **Azure Backup:** • Disaster recovery • Restore directly to/from Azure storage **Email and Microsoft Word:** • Print and E-mail in one step • Batch Process E-mail • Statements Process E-mail • Send reports in Word format • Print reports as Word templates • Modify reports in Word **Identity Management:** • Simplified Web Client login • Apps Identity Maintenance workload reduced • Support added for companion app and Service Based Architecture	**Identity management:** • Single secure login through Active Directory for GP and web client **Copy user settings:** • Set up new users quickly; copy homepage roles content and settings from one user to another **Management Reporter integration:** • Create financial statements with information from the GL, Analytical Accounting or both • Navigation Integration **Single sign on:** • Access Dynamics GP, Office 365 and other cloud apps using your Active Directory credentiails. **SmartList Designer** • Refreshable Excel Reports	**Self Service User License:** • This new user type gives users a specific set of capabilities, including, entering their time and expenses, and creating requisitions • Limited navigation options that only allow users to access the necessary parts of the system. • Security roles tailored to this new user type • Filter tasks based on user types **e-mail Capabilities:** • Sales order and purchase order processing document formats - blank, short, long and other • Send document attachments with workflow task notification emails • Scan payable invoices and attach them to the transaction • Workflow notification e-mails have invoice attached and include relevant payables details for the approver **Workflow** • Document Attachment • Payables Transaction Approval **Reporting:** • Display debits before credits • Default SmartList visibility • Workflow SmartList Designer create view approval • Sales visual customer over credit limit function **VAT Tax Handling:** • Identify cash receipt overpayments that have been posted to invoices for which the discount was not taken	**Core Enhancements** • Purchasing Requisitions – Project integration • Management Reporter Viewer HTTPS support • Multi page scan • Scotia Bank added to default EFT file formats • Change Workflow approval conditions • Credit card payment type for check run processing • Distribution reference field size increased • Named User licensing support for Self Service users • Document attach for project expenses • Word templates for batch approval workflow • Workflow reassignment notifications • Workflow condition management • OData Service deployment enhancements • Configurable OData Service points added **HTML5 Client** • No Silverlight needed • Works on iOS and Android • Improved browser support--Runs on Chrome, Firefox and Safari **SmartLists** • Export/import SmartList definitions from SmartList Designer	**Core Enhancements** • Show user name in message "batch is edited by another user" • Safepay displays check name from the check itself
Finance	**General Ledger** • Clear balances of unit accounts during year-end close process • Keep inactive accounts with zero balances during year-end close • View status during the year-end close • View net change and period balances for unit accounts at the same time • General Ledger batch approval information is stored • Reconcile subledgers to General Ledger **Payables:** • Edit payables information • Reprint remittance forms and check stubs • Information for voiding reconciled payments • Voiding check enhancements **Receiveables:** • Define labels for user defined fields in Customer Address Maintenance • Apply un-posted multicurrency cash receipts **Multi-Currency:** • Average exchange rate calculation method for currency translation **Electronic Banking:** • BAI2 bank format added to Electronic Reconcile • EFT field length • EFT settlement date **Fixed Assets:** • Historical depreciation amounts • Fixed Assets Depreciation Detail Report • Book Setup window update • Depreciation Process Information window • Posting in detail to General Ledger • Edit distribution before posting batch to General Ledger • Intercompany transfers • Automatically generating the next asset ID • Fixed Assets Management calendars **Encumbrance Management:** • Multiple budget selection for encumbrance • Integration with General Ledger	• Reverse the GL year end close process. • Multicurrency revaluation linked to Analytical Accounting. • Copy/Paste from Excel to the General Ledger. • Reprint outstanding transactions report from Bank Reconciliation. • Create default sort orders for payables checks.	**Workflows:** • Paybables batch • General Ledger batch • Vendor approval • Receivables batch **Others:** • Payment terms enhancements • Fixes assets Year End close report • Editable e-mail for historical statements and payables remittance	• Automatically deposit cash receipts • Date effective tax rates • Enable email on all purchase orders and sales orders • Analytical Accounting transaction lists • improvements • Payable transaction approval workflow • Visual indicator for customer credit limit • Combine open and history inquiries • Historical received not invoiced report	• Budget import exception report shows which clients aren't in the General Ledger • Analytical Accounting user access settings • Payables batch credit card payment option • Scotia Bank EFT format added as a default EFT file format • Edit attachments that flow to transactions • Deposit cash receipts batches automatically	• SafePay file displays check name from the check • Add Bank Reconcilliation history table and do transaction history removal • POP to Fixed Assests Link to include taxes • Credit limit warning calculation for unposted credit documents • Save Fixed Asset ID with suffix • Link credit card invoices to original invoices • Distribution Line display opens expanded • Display tax percent for historical transactions • Deduction in Arrears - Prevent double posting of mandatory arrear transactions
Distribution	**Inventory:** • Select multiple serial numbers at one time • Change standard cost for periodic valuation items • Inactivate items • Inactivate site and item-site relationships • Reason codes • Bin transfer history • Select multiple serial numbers at one time **Purchase Orders:** • Receive a message when purchase order like item is not fully invoiced • Track serial and lot numbers for drop-ship purchase orders • Quantity tolerances • Prepayments for purchase orders **Sales Orders:** • Print back ordered items on picking tickets • Combine multiple fulfillment orders into one invoice • Ship to address enhancements	• Suggested item functionality • Sales script for each item • Analyze option for suggested quantities • New fields-- Price, Qty. Available, Site ID • Assign an item to multiple sites. • Prepayments integrated with Analytical Accounting • Multidimensional analysis for cash flow management, and project accounting • Show PO number in check inquiry	• Edit and resend e-mails containing sales and purchase documents • Additional Payment Terms options • Payables warns of an open Purchase Order • Invoicing on Web Client	• Historical received-not-invoiced report • View all purchasing documents for a single transaction in one window • Automatically deposit cash receipts • Sales visual customer over credit limit	• All-in-one document view for sales and inventory transactions • Prepay purchase order total	• Option to cancel PO when linked to a Requisition • Visual indicator if quantities not fulfilled. • Display tax percent for historical transactions

HR & Payroll	**Human Resources:**
	• Life insurance premium age based on birthday or end of year
	• Applicant E-mail Address
	
	Payroll:
	• Default print option
	• Warning for duplicate checks
	• New Build Check File Exception report
	• Edit Pay Code History information
	• FICA Tax Sheltered Annuity changes
	• PTO Exception Report
	• Payroll inquiry check date sort
		Human Resources:
		• Employee time management
		• Time on behalf of
		• Timecard Workflow
			Human Resources:
			• Employee self-service enhancements--Users can:
			  • View and edit their own employee profile, skills and training
			  • View and print pay stubs
			  • Update W-4
			  • Enroll or withdraw from benefits
			  • Enter or update direct deposit information
			
			• Skills and training list notification for approvers
			• Approval list of employee self-service tasks
			• Employee Paystubs
			• W4
			• W4 Workflow
			• Employee Benefits
			• Direct Deposit
			• Direct Deposit Workflow
			• Employee Skills and Training
			• Employee Skills Workflow
			• Manager Skills and Training
			• HRP Workflow Pending Approval
			• Navigation list
			• Canadian Payroll on Web Client
				Human Resources:
				
				• Mask employee Social Security number on reports
				• Time management app
				• View W2 on Employee Self Service portal
					Payroll:
					• Remove Inactive Payroll Pay Codes
					• Simplify Payroll posting setup
						Human Resources:
						• Track history on termination / rehire dates
						
						Payroll:
						• Allow payroll user to print using self-service W2 report

Business Intelligence	• Business Analyzer R5-- A HTML 5/JS companion application service • SmartList Designer 2.0 • SmartList UI enhancements	• Business Analyzer R6-- A HTML 5/JS companion application ervice • Excel content • Encumbrance Summary SSRS report • Print or e-mail Word forms • Dynamics GP workspace	• Business Analyzer R7 for Windows 8, IOS and Android • Management Reporter content • Management Reporter navigation integration • Refreshable Excel Reports created from SmartList Designer	• Default SmartList visibility • Create SQL Views using SmartList Designer Workflow	• Import and export SmartLists from SmartList Designer • SmartLists created in SmartList Designer have default columns defined in the SmartList options window • Export numbers to Excel, formatted • as numbers • Power BI reports can be added to home pages • Create SmartList rom the Favorite using SmartListDesigner	• SmartList favorite protection • SmartList Designer SmartLists available in Advanced Lookups • Support for secure connection to Management Reporter service • Power BI on Web Client home page
Web Client	**Modules:** • Human Resources • US Payroll • Returns Management • Contract Management • Inventory Bill of Materials • Excel Based Budgeting • Field Level Security • ADP Integration **Features:** • Lync integration • Autocomplete • Business Analyzer on navigation lists	**Modules:** • Manufacturing • Project Series • Fixed Assets Enhancements • Service Call Management • Bank Activity Statements • Payment Document Mgmt **Features:** • Keyboard shortcuts • Visual Studio Tools– V1 • Same port for web site & runtime service	**Modules:** • Invoicing • Canadian Payroll	N/A	**Features:** • Support for additional browsers and mobile devices • Updated appearance • Open Web Client windows using search	**Features:** • Power BI on Web Client home page
Workflow	N/A	**Purchasing:** • Purchase Order Approval • Purchase Requisition Approval **Payroll:** • Timecard Approval **Project:** • Timesheet Approval	**Finance:** • GL Batch Approval **Purchasing:** • Payables Batch Approval • Vendor Approval **Sales:** • Receivables Batch Approval **Payroll:** • Employee Skills Approval • Direct Deposit Approval • Employee Profile Approval • W4 Approval **Project:** • Expense Report Approval	**Purchasing:** • Purchase Order Approval • Purchase Requisition Approval **Payroll:** • Timecard Approval **Project:** • Timesheet Approval	• Word templates for batch approval workflow • Workflow condition management • Workflow reassignment notifications	• Payables Transaction Approval • Document Attach
Employee Self Service	N/A	• Purchase Requisition • Payroll timecard • Project timesheet • Home page parts • Simplified navigation	• Employee Profile • Paystubs • W4 • Benefits • Direct Deposit • Skills & Training • Project Expense • Profile Workflow • W4 Workflow • Direct Deposit Workflow • Skills Workflow • Manager Profile • Manager Skills	• Purchase Requisition • Payroll timecard • Project timesheet • Home page parts • Simplified navigation • Requisition workflow • Timecard workflow • Project Time workflow	N/A	N/A
Project Accounting	N/A	N/A	N/A	N/A	• Project expenses–document attachments • Project Accounting fields in Purchase Requisition entry • Add Unit Cost field in PTE Employee Expense window • Project Time Entry reports added	• ProjectAccounting - Distributions added for each transaction, reflected on Trial Balance • Project Accounting- Timesheet status report

Resources:

1. https://community.dynamics.com/gp/b/gpjivtesh/archive/2016/03/28/dynamics-gp-9-to-gp-2016-new-features-in-each-version
2. https://community.dynamics.com/gp/b/erpsoftwareblog/archive/2012/10/18/what-s-new-in-microsoft-dynamics-gp-2013-descriptions-of-60-new-features
3. https://www.inteltech.com/wp-content/uploads/2016/11/Microsoft-Dynamics-GP-2016-WhatsNew.pdf
4. https://www.inteltech.com/wp-content/uploads/2017/05/2016-r2-whats-new.pdf
5. https://www.inteltech.com/wp-content/uploads/2017/05/2015-whats-new.pdf
6. https://www.inteltech.com/wp-content/uploads/2017/05/2013-whats-new.pdf