

Microsoft

CONVERGENCE[®] 2010

Today | Tomorrow | **Together**

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 Microsoft Dynamics

MS Dynamics GP – Crystal Reports

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AGENDA

- Introduction
- MS Dynamics GP 10.0
- Dexterity
- Crystal Reports
- Banner ERP
- Interfaces
- Recommendation
- Conclusion

MS DYNAMICS GP 10.0

- Everything you need—your operating system, database, personal productivity tools, and e-mail—all work together with Microsoft Dynamics GP
- Enhance business management functionality

MS DYNAMICS GP 10.0

- Increase business productivity on all levels
- Streamline critical business tasks
- Facilitate collaboration among employees and with your business partners and customers.

DEXTERITY

- Great Plains Dexterity - is proprietary programming language and technology.
- Automatic Posting: You can use Source code to enable batch posting without operator intervention.
- Extensible Web Services
- DYNAMICS.DIC

CRYSTAL REPORTS XI

- Crystal Reports XI offers a flexible report design environment for creating and maintaining highly formatted reports for better decision making.
- Transforms data from almost any data source

CRYSTAL REPORTS XI

- Customize reports
- Increase reporting impact
- Study data easily
- Maintain data integrity

BANNER

- Banner is most widely used collegiate administrative suite of student, financial aid, finance, human resources, and advancement systems.
- Banner works with portal, content management, performance reporting and analytics, and other solutions

BANNER USER INTERFACE

- Generating a purchase order using Banner:
- Enter the information
- Move to vendor information screen
- Move to Accounting Screen.

This page must remain open for Internet Native Banner to function properly.

Banner Plug-in Page

Banner has m

Need H

[Banner User](#)
- Request a us
- Reset a pass

Privacy Notic
As an Eastern
whose official

Oracle Developer Forms Runtime - Web: Open > FPAREQN
File Edit Options Block Item Record Query Tools Help

Requisition Entry: Requestor/Delivery Information FPAREQN 7.4.0.1 (BERP)

Requisition: R6523899
Order Date: 22-APR-2010
Delivery Date:
Commodity Total: .00

Transaction Date: 22-APR-2010
Comments:
Accounting Total: .00

In Suspense
 Document Text
 Document Level Accounting

Requestor/Delivery Information Vendor Information Commodity/Accounting Balancing/Completion

Requestor: Bethi, Smitha
Organization:
Phone: Extension:
Ship To:
Street Line 1:
Street Line 2:
Street Line 3:
Building: Floor:
City:
State or Province: Zip or Postal Code:
Nation:
Telephone: Extension:
Contact:
Attention To:

COA: Eastern Michigan University
Email:
Fax: Extension:

Enter request order date(DD-MON-YYYY)
Record: 1/1 <OSC>

GP INTERFACE

- Screen Shot of GP Interface with different tasks on the same window

The screenshot displays the Microsoft Dynamics GP interface. The main window is titled "Purchase Order Entry" and is open over the "sa's Home" page. The interface includes a navigation pane on the left with options like Home, User Preferences, Shortcuts, Report Shortcuts, Startup, and User Classes. The main content area shows the Purchase Order Entry form with fields for Type (Standard), PO Number (PO2075), Vendor ID, Name, Currency ID (Z-US\$), and Date (4/12/2017). A table below the form lists line items with columns for Line, Item, Description, Site ID, Quantity Ordered, Quantity Canceled, Unit Cost, and Extended Cost. The table shows a single line item with a quantity of 0.00 and an extended cost of \$0.00. The bottom of the form displays summary fields such as Subtotal, Remaining PO Subtotal, Trade Discount, Freight, Miscellaneous, Tax, and Total, all showing \$0.00. The status bar at the bottom indicates the PO Number, PO Status (New), and Revision (0).

Line	Item	Description	Site ID	Quantity Ordered	Quantity Canceled	Unit Cost	Extended Cost
0				0.00	0.00		\$0.00

Summary Fields:

Subtotal	\$0.00
Remaining PO Subtotal	\$0.00
Trade Discount	\$0.00
Freight	\$0.00
Miscellaneous	\$0.00
Tax	\$0.00
Total	\$0.00

GP INTERFACE

- You can see Vendor information, Item description, Shipping on the same window

The screenshot displays the Microsoft Dynamics GP interface for a Purchase Order Entry. The window title is "Purchase Order Entry" and it is open for "sa Fabrikam, Inc. 4/12/2017". The interface includes a menu bar (File, Edit, Tools, View, Options, Additional, Help) and a toolbar with "Save", "Blanket", and "Assigns" buttons. The main form contains the following fields:

- Type: Standard (dropdown), Hold (checkbox)
- Vendor ID: ADVANCED0001 (lookup)
- PO Number: PO2075 (lookup)
- Name: Advanced Office Systems
- Rouser ID: (lookup)
- Currency ID: Z-US\$ (lookup)
- Date: 4/12/2017 (calendar)
- Allow Sales Documents Commitments: (checkbox)

Below the form is a table with columns: Line, Item, U of M, Quantity Ordered, Unit Cost, Description, Site ID, Quantity Canceled, and Extended Cost.

Line	Item	U of M	Quantity Ordered	Unit Cost	Description	Site ID	Quantity Canceled	Extended Cost
1	100V-LG	Each	10	\$28.46				
	Green Phone	SOUTH	0	\$284.60				
0			0.00	\$0.00				
			0.00	\$0.00				

Summary fields at the bottom right:

- Subtotal: \$284.60
- Trade Discount: \$0.00
- Freight: \$20.00
- Miscellaneous: \$0.00
- Tax: \$0.00
- Total: \$304.60

Additional fields at the bottom left:

- Company Tax Sched: COMPANYPUR (lookup)
- Comment ID: (lookup)

Navigation and status at the bottom: PO Number (dropdown), PO Status: New, Revision: 0.

Footer: 4/12/2017 Fabrikam, Inc. sa

GP INTERFACE

- Purchase Order History

The screenshot displays the Microsoft Dynamics GP interface. The main window is titled "Screen Output - POP Purchase Order Blank Form" and shows a purchase order form for "Fabrikam, Inc.". The form includes fields for the vendor name, address, purchase order number, date, and shipping method. A table at the bottom lists the items ordered, including a "Green Phone" and "DROP SHIP".

Purchase Order

Purchase Order No.	PO2075
Date	4/12/2017

Vendor:
Advanced Office Systems
678 Sherwood Park South
Arlington Heights IL 60004-2922

Ship To:
2350 Golden Ave. S.
Chicago IL 60607-1480

Contract Number:
* Changed Since the Previous Revision

Shipping Method	Payment Terms	Confirm With	Page
	Net 30		1

LN	Item Number	Description	Req. Date	UM	Ordered	Unit Price	Ext. Price
		Shipping Method	Reference Number	FOB			
1	100XLG	Green Phone	4/12/2017	Each	10	\$28.46	\$284.60
		DROP SHIP		None			

“REPORTING IN BANNER”

BANNER REPORTS

- Banner quick View Report

Invoice/Credit Memo List: FAIINVL 7.3.0.1 (UTST0412)

Open
 Paid
 Suspense
 Hold

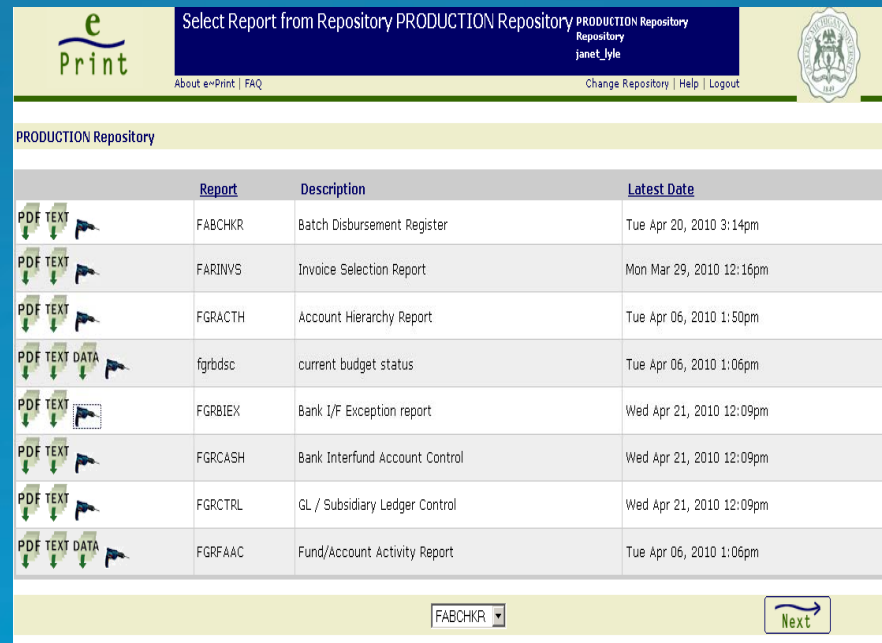
Invoice	Purchase Order/ Encumbrance	Vendor ID	Credit Memo	Completed	Approved	Invoice Total
I0056793	P0010809	E00008989 Walters, Stacy L.	N	N	N	1,000.00
I0057236	P0010128	WILTEC Wiltec Technologies	N	N	N	975.00
I0066685		HAMCOM The Hamblin Company Integrated Comm	Y	Y	Y	337.00
I0067219		VERWIR Verizon Wireless Great Lakes	N	N	N	74.22
I0067221		VERWIR Verizon Wireless Great Lakes	N	N	N	79.22
I0067418	P0008639	NORCOM Northwest Community Programs	N	N	N	8,647.22
I0067824	P0010339	JANPLA Janovic/Plaza	N	N	N	194.85
I0067940	P0012668	E00341728 Lage, Marian L.	N	N	N	110.00
I0067941	P0012667	E00625708 Lones, Laura	N	N	N	110.00
I0068398	P0009920	NATPEN National Pen Corporation	N	N	N	414.95
I0068980		YSPUB Ypsilanti Public Schools	N	N	N	144.56
I0069472		AMOCO Amoco	N	N	N	22.93
I0069473		AMOCO Amoco	N	N	N	15.56
I0071453	P0013046	FISSCI Fisher Scientific	N	N	N	.21
I0072713	P0013204	UNILIT University Litho	N	N	N	
I0072959		Rollingstone	N	N	N	19.97
I0075041	P0010293	MCIWOR MCI Worldcom	N	N	N	179.67
I0075186		AMOCO Amoco	N	N	N	123.88

LIST to view Invoice; COUNT QUERY to Review Commodities.

Record: 29/2 <OSC>

BANNER REPORTS

- Banner uses ePrint to Run Reports
- **ePrint** is a SunGardHE product
- **ePrint** does not run Oracle
- **ePrint** works best for plain text reports



The screenshot displays the ePrint interface for the PRODUCTION Repository. The header includes the ePrint logo, navigation links (About ePrint | FAQ), and user information (PRODUCTION Repository, Repository, janet_lyle, Change Repository | Help | Logout). The main content area shows a table of reports with columns for Report, Description, and Latest Date. The table lists eight reports, each with a download icon and a list of available formats (PDF, TEXT, DATA).

	Report	Description	Latest Date
PDF TEXT	FABCHKR	Batch Disbursement Register	Tue Apr 20, 2010 3:14pm
PDF TEXT	FARINVS	Invoice Selection Report	Mon Mar 29, 2010 12:16pm
PDF TEXT	FGRACTH	Account Hierarchy Report	Tue Apr 06, 2010 1:50pm
PDF TEXT DATA	fgrbdc	current budget status	Tue Apr 06, 2010 1:06pm
PDF TEXT	FGRBIEX	Bank I/F Exception report	Wed Apr 21, 2010 12:09pm
PDF TEXT	FGRCASH	Bank Interfund Account Control	Wed Apr 21, 2010 12:09pm
PDF TEXT	FGRCTRL	GL / Subsidiary Ledger Control	Wed Apr 21, 2010 12:09pm
PDF TEXT DATA	FGRFAAC	Fund/Account Activity Report	Tue Apr 06, 2010 1:06pm

At the bottom of the interface, there is a dropdown menu showing 'FABCHKR' and a 'Next' button.

“CRYSTAL REPORTS”

CRYSTAL REPORTS

- Maximize IT efficiency by reusing report components
- Transform data from almost any data source
- Flexible SDKs for integration into Java, .NET or COM applications.

The screenshot shows the Crystal Reports software interface. The main window displays a report titled 'Purchase Order History' with the Business Objects logo. The report is in a preview mode, showing a table of data. The table has columns for PO Number, Quantity, Description, Item Code, Unit Price, and Date. The data is sorted by PO Number.

PO Number	Quantity	Description	Item Code	Unit Price	Date
PO0996	16,384	Cordless-Attractive 535	PHON-ATT-53RD	91.59	014 12:00:00AM 1/1/190
PO0996	32,768	Panache KX-T1450 ans	ANSW-PAN-1450	50.25	014 12:00:00AM 1/1/190
PO0998	16,384	Cordless-Attractive 535	PHON-ATT-53BL	93.55	014 12:00:00AM 1/1/190
PO1000	16,384	Phone Cord - 12' White	ACCS-CRD-12WH	3.29	014 12:00:00AM 1/1/190
PO1000	32,768	Headset - Dual Ear	ACCS-HDS-2EAR	41.98	014 12:00:00AM 1/1/190
PO1001	16,384	Multi conductor wire	WIRE-MCD-0001	0.54	014 12:00:00AM 1/1/190
PO1001	32,768	Single conductor wire	WIRE-SCD-0001	0.16	014 12:00:00AM 1/1/190
PO1003	16,384	Tape Unit/Mass Storage	HDWR-TPS-0001	1,224.64	014 12:00:00AM 1/1/190
PO2000	16,384	Panache KX-T1450 ans	ANSW-PAN-1450	50.25	016 12:00:00AM 1/1/190
PO2000	32,768	Cordless-Attractive 535	PHON-ATT-53RD	91.59	016 12:00:00AM 1/1/190
PO2001	16,384	Cordless-Attractive 535	PHON-ATT-53BK	90.25	016 12:00:00AM 1/1/190

**“CONNECTING MS DYNAMICS GP 10.0 to
CRYSTAL REPORTS”**

GP AND CRYSTAL REPORTS

- Dynamics GP Reports Viewer is the way
- Customized .Net/VBA code to connect to Crystal Reports
- Users can organize and launch reports with their Dynamics GP login

CONCLUSION

- Microsoft Dynamics Great Plains scalability to serve mid size organization with web-enabled reporting system
- Use of Crystal Reports is expected to produce automatic data transformation reports, feeding and synchronizing data between systems.
- Microsoft Dynamics GP 10.0 Report Writer, Crystal Report join the team to offer great tool to create financial reports

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